



**CREIGHTON UNIVERSITY**

**FACULTY BIBLIOGRAPHY**

**2003-2004**

## NOTE

This edition of the Faculty Bibliography is produced by the Creighton University Graduate School and documents the scholarly accomplishments of University faculty for the 2003-2004 academic year. Included are summary reports showcasing research endeavors taking place throughout the Creighton campus, individual faculty publications and grants, and student dissertations and theses, with acknowledgment to faculty advisors.

We would like to thank Barbara Braden, PhD, Dean of the Graduate School and University College, and Linda Hanson, Assistant to the Dean, for their steadfast support of this ongoing project. Special thanks go to Rev. Don Doll, SJ, for sharing with us the photograph of the Creighton University Jesuit Community and to Chris Petit for providing all other photographs used in this publication.



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# CREIGHTON UNIVERSITY FACULTY BIBLIOGRAPHY

## TABLE OF CONTENTS

NOTE .....	<u>2</u>
TABLE OF CONTENTS .....	<u>3</u>
UNIVERSITY RESEARCH ENDEAVORS .....	<u>5</u>
Biomedical Sciences .....	<u>5</u>
Research Overview .....	<u>5</u>
Skin Cancer .....	<u>5</u>
Comparative Ion Transport .....	<u>5</u>
Airway Hyperresponsiveness .....	<u>6</u>
Cardiac Development .....	<u>6</u>
Circadian Rhythms .....	<u>6</u>
Ear Development .....	<u>6</u>
Hearing Loss .....	<u>7</u>
Molecular Biology of the Inner Ear and Hereditary Deafness .....	<u>7</u>
Biophysics of Cochlear Hair Cells .....	<u>7</u>
Development of Cochlear Hair Cells .....	<u>8</u>
Control of Gene Expression .....	<u>8</u>
Molecular Genetics of Hereditary Cancers .....	<u>8</u>
Engineering RNA Catalysts .....	<u>8</u>
Osteoporosis .....	<u>9</u>
Cell Mechanics .....	<u>9</u>
Control of Appetite and Digestion .....	<u>9</u>
Regulatory Peptides .....	<u>10</u>
Structural Bioinformatics and Proteomics .....	<u>10</u>
Protein Processing .....	<u>11</u>
Bioimaging .....	<u>11</u>
Cancer .....	<u>11</u>
Faculty-Researchers .....	<u>12</u>
Fine and Performing Arts .....	<u>12</u>
Health Policy and Ethics .....	<u>13</u>
Jesuit Community .....	<u>14</u>
Law .....	<u>17</u>
Medical Microbiology and Immunology .....	<u>17</u>
Research Overview .....	<u>17</u>
Infectious Disease .....	<u>18</u>
Center for Research in Anti-Infectives and Biotechnology (CRAB) .....	<u>18</u>
Flow Cytometry Core Facility .....	<u>19</u>
Immunology Research .....	<u>19</u>
Prion Research .....	<u>20</u>

TABLE OF CONTENTS [CONTINUED]

Medicine	<u>20</u>
Cardiology	<u>21</u>
Osteoporosis	<u>23</u>
Nursing	<u>25</u>
Pharmacy and Health Professions	<u>26</u>
Research Funding	<u>27</u>
SPHP Faculty Research Grant Development Program	<u>27</u>
Creighton University Health Services Research Program (CHRP)	<u>27</u>
Office of Interprofessional Scholarship, Service and Education (OISSE)	<u>28</u>
Student Research	<u>28</u>
Department of Occupational Therapy	<u>29</u>
Department of Pharmacy Practice	<u>29</u>
Department of Pharmacy Sciences	<u>29</u>
Department of Physical Therapy	<u>30</u>
Physics	<u>30</u>
Psychiatry	<u>32</u>
Sociology and Anthropology	<u>33</u>
<b>PUBLICATIONS</b>	<b><u>35</u></b>
Arts and Sciences	<u>35</u>
Business Administration	<u>49</u>
Dentistry	<u>52</u>
Law	<u>54</u>
Medicine	<u>56</u>
Nursing	<u>87</u>
Pharmacy and Health Professions	<u>88</u>
<b>GRANTS</b>	<b><u>98</u></b>
Arts and Sciences	<u>98</u>
Business Administration	<u>100</u>
Dentistry	<u>101</u>
Law	<u>101</u>
Medicine	<u>102</u>
Nursing	<u>122</u>
Pharmacy and Health Professions	<u>122</u>
<b>THESES AND DISSERTATIONS</b>	<b><u>126</u></b>
<b>FACULTY INDEX</b>	<b><u>127</u></b>

## UNIVERSITY RESEARCH ENDEAVORS

### BIOMEDICAL SCIENCES

#### Research Overview

Some examples of the wide variety of research specialties of the faculty are: design and chemical synthesis of analogs of regulatory peptides; the role of peptides in the regulation of gastrointestinal and cardiovascular functions and of bone growth and development; the molecular evolution of peptide hormones; the role of proteolytic enzymes in the biosynthesis of peptide hormones; nucleic acid catalysis and molecular engineering; the molecular biology of collagen synthesis; the regulation of gene expression and molecular diagnostics; the cellular and genetic basis for differentiation of the brain, inner ear, and cardiovascular system; comparative neuroanatomy; cellular mechanics; intracellular electrophysiology; and respiratory mechanics and control.

The research is supported by facilities, including cores for bioimaging, structural bioinformatics, proteomics, genomics, and molecular diagnostics. The department encourages collaborative research interaction with faculty in the Departments of Pharmacology, Medical Microbiology, Medicine, and Surgery; the Osteoporosis, Research Center; the Boys Town National Research Hospital; the University of Nebraska Medical Center; and the Veterans Administration Hospital.

#### Skin Cancer

The largest organ in the body, the skin, functions as a major sensory organ and to protect the body from exogenous insults. Our research is examining the role of a family of receptor tyrosine kinases in the skin during development and in skin carcinogenesis in response to solar radiation. Members of this receptor tyrosine kinase family include the epidermal growth factor receptor and erbB2/neu, which regulate cell survival, migration, and proliferation. We are investigating the mechanisms of non-melanoma skin cancer development by focusing on the role of erbB2 and the epidermal growth factor receptor in this process. Since non-melanoma skin cancer is the most common form of cancer in the United States, with more than one million new cases diagnosed per year nationwide, this research may have important implications for human health.

*Faculty: Laura Hansen, PhD.*

#### Comparative Ion Transport

Research on the ion transport mechanisms that underlie the adaptation of organisms to their environment focuses on the role and regulation of the sodium/hydrogen exchange proteins in yellow fever mosquitoes and the sodium/potassium ATPase in Antarctic fish. Both projects are aimed at identifying the mechanisms of ion transport responsible for the adaptation, including physiological, biochemical, and anatomical measurements; regulation of the ion transport mechanisms by primary and secondary messengers, including analysis of intracellular cAMP, calcium, and pH; and molecular basis for the regulation the ion transporter of interest, including cloning and sequencing of cDNA, mRNA, and protein expression studies.

*Faculty: David Petzel, PhD.*

### **Airway Hyperresponsiveness**

Research on mechanisms on airway hyperirritability is focused on whether C-fiber endings in reactive airways become hyperirritable, using single nerve fiber monitoring of sensory receptors in airway and parenchyma of small animals. The involvement of neuropeptides in the response of the hyperirritable airway is examined using whole animal nerve recording *in vivo* and tracheal smooth muscle strips. The pulmonary research also includes pharmacological evaluation of possible therapeutic agents for asthma using whole-body plethysmograph, isolated airway smooth muscle preparations to measure the protection and reversal of airway mediator induced contraction. Changes in reflex control of ventilation and pulmonary sensory receptors of the airway and lung parenchyma during the progression of disease of the lung are also studied.

*Faculty: Dale Bergren, PhD.*

### **Cardiac Development**

Congenital heart defects are the most common life-threatening birth defect, and many times are accompanied by craniofacial anomalies. In this department, investigators are studying the role of cell-cell and cell-extracellular matrix interactions during normal craniofacial and cardiac development, particularly with regard to neural crest morphogenesis and migration (cells pivotal in the development of both the face and heart). Studies using *in situ* hybridization, immunocytochemistry, gene miss-expression, enzyme assays, and time-lapse imaging show growth factors, proteases, and protease inhibitors are important overseers of neural crest cell formation and migration. Investigation into the effects of elevated homocysteine on neural crest morphogenesis and mechanisms responsible for folic acid's protective effect on cardiovascular and craniofacial development are also ongoing. In order to develop preventative strategies for congenital defects, we must understand the mechanisms driving neural crest and cardiac morphogenesis and how nutritional elements are involved. These studies also enhance our understanding of adult diseases because many diseases have etiological elements of embryologic origin.

*Faculty: Phillip Brauer, PhD.*

### **Circadian Rhythms**

Our daily rhythms of sleep and wakefulness are driven and regulated by two small nuclei in the hypothalamus, the suprachiasmatic nuclei. In a brain slice preparation, we are now investigating the cellular mechanisms of circadian rhythm regulation and how circadian rhythms are modulated by the brain hormone melatonin.

*Faculty: Richard Hallworth, PhD.*

### **Ear Development**

The inner ear contains two important sensory modalities: the vestibular system for orientation in space and the auditory system for hearing. Progress in recent years has been dramatic regarding the molecular governance of ear development, the pathways of innervation in this organ, and the genetics of hearing-related disorders. Our research focuses on mouse mutations that cause developmental ear defects and those that affect either the formation or the maintenance of sensory neurons in the hearing or vestibular systems. This research will enable us to understand the molecular machinery that makes and brakes ear formation, especially the innervation. In a parallel avenue, we

are investigating the activity-dependent connectional dynamics. For this we make use of micro- and hypergravity exposure as well as several neurotrophin mutant mice with altered connections. This research is conducted in collaboration with Boys Town National Research Hospital, Millennium, Regeneron, and various universities. It is funded by NASA and NIDCD.

*Faculty: Kirk Beisel, PhD; Laura Bruce, PhD; and Bernd Fritzsich, PhD.*

### **Hearing Loss**

Hair cells are the essential first step in hearing, and damage to hair cells is the cause of age-related and traumatic hearing loss. In work funded by the National Institutes of Health, the basic science of hair cells and the mechanisms underlying their loss are being studied, with a view to finding rescue and repair methods. This work is being pursued in collaboration with investigators at Boys Town National Research Hospital, Harvard University, Baylor College of Medicine, St. Jude's Hospital in Memphis, University of Colorado at Boulder, University of Texas at Austin, University of Texas Health Science Center at San Antonio, University of Maryland, Oregon Health Sciences University, and Boston University.

*Faculty: Kirk Beisel, PhD; Bernd Fritzsich, PhD; and Richard Hallworth, PhD.*

### **Molecular Biology of the Inner Ear and Hereditary Deafness**

The mouse inner ear offers an excellent paradigm to characterize and analyze the functional genomics of unique and rare cell types in the inner ear. These include inner hairs cells, outer hair cells, inner phalangeal, border cells of the inner sulcus, pillar, Deiters', Hensen's and Claudius' cells. Gene discovery and differential expression will focus on global expression analysis using microarray analyses in combination with null and spontaneous mutant mice. Quality assessment of these cDNAs will be accomplished by using *in silico* microarray analyses to detect expression of ion channel genes, rare to common housekeeping genes, developmentally expressed genes, cell-specific genes of the OC, and genes expressed in only non-sensory/non-neuronal cells. Using bioinformatics approaches candidate genes for hereditary deafness will also be identified. One component of the research program will also focus on the development and testing of genetically engineered mouse mutant lines to determine and molecularly dissect the structure functional relationship of the altered genes in normal and dysfunctional auditory responses. This research is conducted in collaboration with Boys Town National Research Hospital, RIKEN, National Institutes of Health, University of Iowa, and various other universities. It is funded by NIDCD.

*Faculty: Kirk Beisel, PhD.*

### **Biophysics of Cochlear Hair Cells**

The outer hair cell (OHC) is one of two kinds of receptor cells in the inner ear, and plays a critical role in mammalian hearing. OHCs enhance basilar membrane motion through a local mechanical feedback process within the cochlea, termed the "cochlear amplifier." It is generally believed that the basis of cochlear amplification is a voltage-dependent somatic length change of OHCs. In this scheme, receptor potentials produced by transducer current in response to acoustic stimulation provide the input to the cell's motor activity. Consequently, the OHC is thought to perform two transducer functions, a conventional mechano-electrical or forward transduction in the stereocilia, and a specialized electromechanical or reverse transduction in the basolateral membrane. Funded by the NIDCD, research in the laboratory focuses on the two transduction processes in OHCs. Recordings

are made from isolated hair cells, cultured hair cell preparations, and hemicochlea, in conjunction with molecular, morphological, and other novel techniques to investigate properties of these cells and their roles in cochlear function in mammals. The research is conducted in collaboration with Northwestern University, Harvard University, NIDCD, and St. Jude Children's Research Hospital. *Faculty: Richard Hallworth, PhD; and David Z. Z. He, PhD.*

### **Development of Cochlear Hair Cells**

One of the central questions in developmental neurobiology of the sensory systems is how the receptor cells develop and whether their development is regulated by innervation. Research in the laboratory focuses on the development of cochlear hair cells. Specifically, we want to determine when somatic motility, membrane conductances, and ACh receptor of outer hair cells develop. Recordings are made from solitary hair cells isolated from developing animals. Tissue culture technique has also been used to address the question of whether the maturation of hair cells is regulated by innervation. The research is funded by the NIDCD.

*Faculty: David Z. Z. He, PhD.*

### **Control of Gene Expression**

This research is centered on the developmental regulation of hemoglobin gene expression with correlative gene therapy approaches. The mechanism by which transcriptional regulatory proteins are involved in switching the various hemoglobin genes on and off at different stages of development is being studied. The results from these investigations will contribute to knowledge of red cell maturation and disease states which result from gene defects. New gene therapy vectors which are erythrocyte specific and use endogenous retrotransposons, which are expressed in red blood cells, are being developed. This is a novel gene therapy approach to genes in target cells, which have long-term expression capabilities as well as tissue specificity.

*Faculty: Joseph Knezetic, PhD.*

### **Molecular Genetics of Hereditary Cancers**

This research is focused on finding mutations at the DNA sequencing level for various hereditary cancer patient families. Studies so far have shown that each family has unique mutations causing the cancers. The laboratory facilities used for the work have been developed into a Molecular Diagnostic Laboratory which is fully accredited by the Clinical Laboratory Improvement Amendments (CLIA) and certified by the College of American Pathologists (CAP). This laboratory examines patient DNA samples for known mutations in each family and provides reports for subsequent genetic counseling. WAVE - dhpIc technology and CHIP instrumentation is being used to assay for new mutations in families where the original causative mutation has yet to be determined.

*Faculty: Joseph Knezetic, PhD.*

### **Engineering RNA Catalysts**

This research is focused on development of controllable RNA catalysts as genetic regulatory switches and cellular biosensors. These catalysts, termed allosteric ribozymes, require the binding of specific effector molecules to elicit activity and are generated using rational design and *in vitro* evolution strategies. The ability of allosterically self-cleaving ribozymes and self-splicing introns to regulate gene

expression is of particular interest. Toward this goal, model systems for yeast and mammalian cells are presently being developed. Moreover, such catalysts afford a unique opportunity to investigate the structural dynamics of RNA folding and ligand interaction.

*Faculty: Garrett Soukup, PhD.*

### **Osteoporosis**

Collaboration between Creighton faculty in the Departments of Biomedical Sciences and Internal Medicine focuses on osteoporosis and the cellular basis of how skeletal mass is achieved and maintained: bone mass changes in response to varying loads - disuse reduces and heavy use increases bone density; how loads placed on the skeleton are detected and converted into biological signals that affect the balance between bone formation and resorption is not understood. Studies currently underway use bromodeoxyuridine to characterize the proliferation and differentiation of osteo-progenitor cells in response to biomechanical loading in adult rats. The role of prostaglandin E (PGE ) as a local mediator of load-induced bone formation is also being evaluated. Another project is designed to elucidate how smoking tobacco reduces bone mass and increases the risk for osteoporosis. This project combines an assessment of bone structure, strength, and cell function using *in vivo* and *in vitro* models.

*Faculty: John Yee, PhD.*

### **Cell Mechanics**

It has long been known, but not widely appreciated, that light exerts force on living tissue. Intense laser light can be harnessed to produce a novel method, called the optical stretcher, for the measurement of the mechanical properties of single cells. In a joint project of the Department of Biomedical Sciences, the Osteoporosis Research Center, and the Creighton University Physics Department, an optical stretcher facility will be constructed in the Department of Biomedical Sciences in the coming year. Initial studies will address the mechanics of hair cells of the inner ear, the mechanism by which bone density is regulated by osteocytes, and the mechanisms underlying photodynamic therapies. This work is being pursued in collaboration with the University of Texas at Austin and the University of Leipzig, Germany.

*Faculty: Richard Hallworth, PhD.*

### **Control of Appetite and Digestion**

Our research focuses on the question: How does the gastrointestinal tract communicate with the brain to control food intake and energy reserves (adiposity; body weight)? Meal initiation is typically preceded by sensations of hunger and followed by sensations of fullness and satiety, which affect the timing of meals and amount of food consumed. Various gastrointestinal hormones and nerves are postulated to play important roles in conveying information to the brain about the quantity and quality of food consumed. Less is known about the brain substrates that receive this information, produce hunger and satiety sensations, and regulate adiposity. Our research specifically focuses on the role of various gastrointestinal peptides [cholecystokinin, amylin, peptide YY(3-36), glucagon-like peptide-1, ghrelin] and nerves [vagus] in control of food intake, gastric emptying, and body weight. Most of our studies use the rat as an experimental model. Rats are prepared with chronic indwelling cannulas in specific areas of the gastrointestinal tract, vascular system, and/or brain for computer-controlled delivery of test substances and withdrawal of blood. Food intake and meal patterns are

determined from continuous computer recordings of changes in food bowl weight. Many of the peptides and peptide antagonists are synthesized either locally in the VA Peptide Core Facility or by Dr. Martin Hulce in the Department of Chemistry at Creighton University. Our research is supported by the Medical Research Service of the Department of Veterans Affairs, the National Institutes of Health, and the National Science Foundation.

*Faculty: Roger Reidelberger, PhD.*

### **Regulatory Peptides**

Structure-activity relationships of selected regulatory peptides are examined using synthetic peptide chemistry, physical, chemical and computerized theoretical analysis of conformation and biological characterization of activity.

- ◇ Studies on the interactions of antimicrobial peptides with the chaperone protein DnAK, using MD simulations, revealed the interaction site on the protein and a possible basis for antimicrobial action and design of new peptide-based antibiotics.

*Faculty: Sándor Lovas, PhD.*

- ◇ Studies of gastrin and gastrin gene-products are focused on their significance in colonic cancer and on a novel receptor for carboxymethyl gastrin which mediates promotion of growth of the cancer cells.

*Faculty: Sándor Lovas, PhD; and Richard F. Murphy, PhD.*

- ◇ Studies of variants and derivatives of gonadotrophin releasing hormone variant, GnRH III, have led to development of a conjugate of the peptide with a synthetic polymer. This suppresses growth of cancers, including breast and colonic, which have receptors for the hormone. The technology is being optimized for therapeutic application.

*Faculty: Sándor Lovas, PhD; and Richard F. Murphy, PhD.*

- ◇ Studies of the EGF-TGF family of peptides revealed the importance of domain movement by hinge bonding and the discrete biological activity of a B-loop partial structure which may have a novel receptor requirement.

*Faculty: Sándor Lovas, PhD; and Richard F. Murphy, PhD.*

- ◇ Studies of the vasodilatory neuropeptide, calcitonin gene-related peptide (CGRP), have led to the development of the most potent, peptide-based CGRP antagonists reported to date. These will be useful for determining the physiological role of CGRP and the design of therapeutics for treatment of hypertension and migraine.

*Faculty: D. David Smith, PhD.*

### **Structural Bioinformatics and Proteomics**

Eighteen Alpha cpu-based and 80 Athlon cpu-based clusters are used to study conformational properties of peptides proteins and the effect of weakly polar interactions on peptide and protein structures by Molecular Dynamics simulations, bioinformatics, and high level quantum chemical calculations.

*Faculty: Sándor Lovas, PhD; and Richard F. Murphy, PhD.*

## Protein Processing

Communication between cells of the nervous, endocrine, and immune systems is frequently conducted through biologically active peptides. Many of these peptides are initially synthesized as larger, inactive propeptides which are subsequently cleaved by extremely specific endoproteases. The structural basis for this specificity is unknown. We are presently examining the processing of pro-insulin and proglucagon by the converting enzymes PC1 and PC2, in an attempt to uncover clues to the specificity of substrate recognition. The ultimate goal of this work is to describe, at the molecular level, those interactions for the differential processing of peptide hormones.

*Faculty: Robert Mackin, PhD.*

## Bioimaging

The Nebraska Center for Cell Biology in the Department of Biomedical Sciences this year obtained a Zeiss multi-photon confocal microscope. Investigators in the department and other departments of the Medical School, and from Boys Town National Research Hospital, are using the instrument to extend their knowledge of the inner workings of cells.

*Faculty: Bernd Fritzschn, PhD; and Richard Hallworth, PhD.*

See the Biomedical Sciences webpage for additional information about the department's current research activities: <http://www.biomedsci.creighton.edu/research/areas.htm>

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## CANCER

The Creighton University Medical Center – Cancer Center was established in the summer of 2002 under the direction of Dr. Brian W. Loggie. The main goals of the Cancer Center are: 1) to cover basic cancer services, develop areas of excellence or distinction, and provide specialty niches of care not currently provided in the Omaha metro and region, and 2) to establish premier programs in basic research (where scientists learn about basic cellular events in cancer), translational research (which moves science to the bedside and identifies clinical problems to take back to the laboratory), and clinical research (where new therapies are made available in a system of ongoing study, oversight, and review).

The theme of the basic and translational research at the Cancer Center is signal transduction, also known as molecular signaling. During the 2003-2004 academic year, research was fully supported by funding from the National Institutes of Health, Department of Defense, American Cancer Society, and Cancer and Smoking Disease Research Programs (LB595 and LB692). In the Fall of 2004, the Cancer Center moved into newly renovated laboratories, consolidating several smaller labs throughout the Criss complexes. The Cancer Center is proud of its state-of-the-art molecular biology and immunohistochemistry laboratories. Additionally, patents are pending in three separate areas of cancer research.

The basic science faculty consists of Zafar Nawaz, PhD; Zhao-yi Wang, PhD; Venkatesh Govindarajan, PhD; and clinical faculty consists of Brian Loggie, MD and Edibaldo Silva, PhD, MD. The laboratory fully supports six post-doctoral fellows, a research associate, and three laboratory technicians.

### Faculty-Researchers

**Brian Loggie, MD**, Professor of Surgery, is Chief of Surgical Oncology and Director of the Cancer Center. Dr. Loggie has established a center for the treatment of peritoneal neoplastic disease. Patients from virtually every state have been evaluated and treated at the Cancer Center for a variety of conditions including pseudomyxoma peritonei (PMP), peritoneal carcinomatosis, appendix cancer, and peritoneal mesothelioma. Translational research at the Cancer Center has already lead to national and international presentations. Dr. Loggie has broad clinical experience in surgical oncology and in clinical and translational research in cancer.

**Edibaldo Silva, PhD, MD**, Associate Professor of Surgery, is the Program Director for the Breast Clinic and the Melanoma and Skin Cancer Clinic. Additional areas of expertise are in gastrointestinal malignancy, pancreatic cancer, sarcoma, and thyroid and parotid tumors.

**Zafar Nawaz, PhD**, Associate Professor of Surgery, is the Director of the Cancer Center Molecular and Cancer Biology Laboratory. He is a renowned expert in estrogen receptor function. Dr. Nawaz is studying signal transduction and cell processes of tumor growth in breast, prostate, lung, and colon cancer.

**Zhao-yi (Charlie) Wang, PhD**, Associate Professor of Surgery, is studying the molecular and cellular mechanisms underlying estrogen-stimulated mammary tumorigenesis and breast cancer progression. Dr. Wang has been studying the roles of tumor suppressors such as BRCA1 and WT1, and RbAp46, a novel gene he identified, in early development of human breast cancer using a xenograft model.

**Venkatesh Govindarajan, PhD**, Assistant Professor of Surgery, joined the Cancer Center in February of 2004. Dr. Govindarajan is a developmental biologist from Baylor School of Medicine who brings expertise in cell signaling and special investigational techniques that will be applied to cancer research. He is studying the role of fibroblast growth factor (FGF) signaling pathway in regulation of basic cellular processes, such as proliferation and differentiation of ocular and skeletal tissues, and to understand how deregulation of this signaling pathway leads to tumorigenesis. His lab is also focused on generation of transgenic mouse models for the study of mesothelioma and ocular and skin tumors.

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### FINE AND PERFORMING ARTS

Members of the Department of Fine and Performing Arts extend the concept of teacher-scholar to incorporate the role of artist. Faculty members pursue activity in each of these areas, with regional, national, and international recognition.

Notable artistic achievement within the visual arts is witnessed by invited participation at regional and national exhibitions as well as the inclusion of work in various museum and gallery acquisitions. Recent faculty projects have included significant commissions of two- and three- dimensional pieces. Additionally, faculty are engaged in photographic imaging in 19<sup>th</sup> century historical techniques (e.g., platinum, palladium, iron, and silver salts), glass-casting, printmaking, drawing, ceramics, and visual imaging made possible through emerging technologies. Faculty routinely supervise student exhibitions throughout the area and encourage student participation in local, regional, and national professional artistic organizations.

Performing artists are active in dance, theatre, and music. Among recent faculty achievements are appearances at a variety of venues, including award-winning dramatic roles on Omaha stages. Work associated with costuming, make-up design, and technical theatre has been critically acclaimed in productions throughout the region. During the past year, music faculty have appeared with numerous Omaha-based organizations (e.g., the Omaha Symphony and Mannheim Steamroller) and in various international venues. Additionally, most performing artists annually direct, conduct, and supervise student productions, concerts, and recitals. Adding to the department's complete collection of Javanese court gamelan instruments, unique within the State of Nebraska, is the first set of Surinamese gamelan instruments found in the United States.

Scholarly work includes traditional academic research as well as arts-specific activity. Music faculty have received commissions for new musical scores and presented papers at professional society conferences. Additionally, music faculty are engaged in the production of pedagogical texts as well as production of compositions appropriate to graded dance curricula. Dance faculty are not just highly sought performers but choreographers, adjudicators, and pedagogues as well, with numerous appearances and works evidenced in the United States and abroad. Theatre faculty projects include direction and video/broadcast production. Art historians are engaged in both curatorial and scholarly work. Additionally, research associated with the University Gallery has resulted in the selection and presentation of exhibits routinely reviewed by regional critics.

Departmental faculty are committed to sharing their work and craft as artists within various educational settings. Professional activity for departmental members includes participation as jurors, reviewers, judges, clinicians, and presenters for local, regional, and national arts councils, workshops, evaluations, and conferences. The artist-faculty of Fine and Performing Arts believe their work is best described by the departmental mission statement: "We believe in the value of the arts as the voice of the human soul. The arts educate, communicate, and inspire us to know more about ourselves, each other, and our place in creation. We believe in the unity of the arts and in the crucial role of arts in education."

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## HEALTH POLICY AND ETHICS

The Center for Health Policy and Ethics is a multidisciplinary group of scholars dedicated to the study and teaching of ethical dimensions of health care and health policy. Scholarship at the Center responds to the challenge of ethical issues raised by the health care system, patient care, and public

health. The multidisciplinary nature of the Center encourages a variety of perspectives and resources for topics of scholarly inquiry, conceptual analysis, and discussion. The research interests of the faculty of the Center reflect the stereoscopic vision implied in its name — the ethics of health policy and health care. Global topics of public policy as well as the traditional details of clinical decision making are addressed.

Areas of sustained research are: (1) ethical issues at the end of life, palliative care and chronicity; and (2) issues of justice, especially those dealing with the marginalized in the health care system. For example, in the early 1980s the Center was one of the first to take on the monumental issue of confidentiality in HIV/AIDS, just as the issue had begun to emerge on the national level. The Center's work with colleagues from Eastern and Western Europe resulted in an edited book entitled ***Ethical Foundations of Palliative Care for Alzheimer's Disease*** (Ruth Purtilo, PhD and Henk ten Have, PhD, editors), published by the Johns Hopkins University Press. It represents one product of a multidisciplinary international conference convened by the Center in 2001. The organization and contributions involved all members of the Center. The book focuses on the economic, clinical, and ethical and social challenges in the treatment of Alzheimer's disease globally. The Center was also involved in planning and implementing the Dreamcatchers Conference, a national working group of experts in occupational and physical therapy. From this workgroup, a book of contributed papers was assembled, ***Educating for Moral Action: A Sourcebook in Health and Rehabilitation Ethics*** (Ruth Purtilo, PhD, Gail Jensen, PhD, and Charlotte Royeen, PhD, editors) to be published by F. A. Davis in 2005. In response to the scarcity of literature on health sciences education in Jesuit universities, Jos Welie, PhD and Judith Lee Kissell, PhD edited the book, ***Jesuit Health Sciences and the Promotion of Justice: An Invitation to a Discussion***, published by Marquette University Press.

Issues of health policy and ethics will continue to demand scholarly inquiry and public attention. Critical concerns about ethics education will require closer examination of student learning and outcomes. The health care system will continue to develop, and these changes will inevitably lead to new moral considerations. Faculty at the Center will continue to make important contributions in these challenging areas as they have done significantly in the past.

For additional information about the Center for Health Policy and Ethics, visit the Center's webpage at: <http://chpe.creighton.edu>.

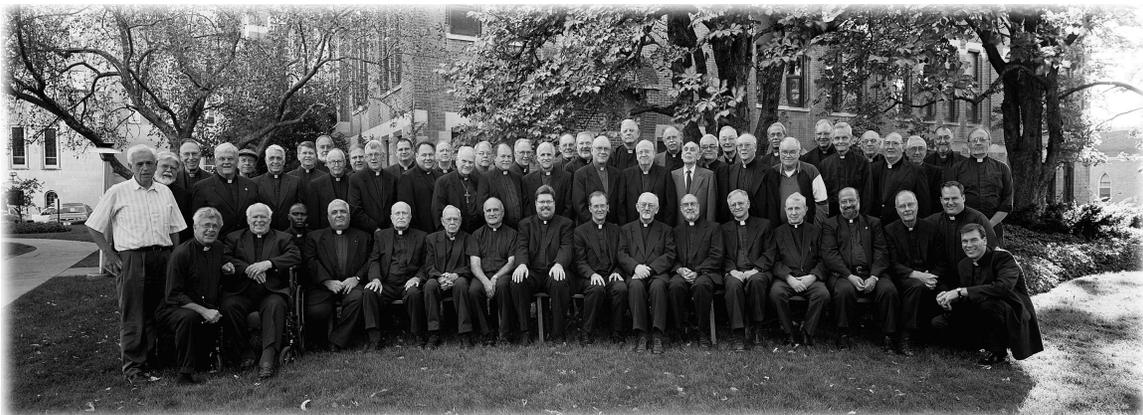
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## JESUIT COMMUNITY

- ◇ *Rev. Phil Amidon, SJ* is currently translating a fifth-century Church history and assisting with linguistic research on the translation of letters of Cyril of Alexandria.
- ◇ *Rev. Raymond Bucko, SJ* is currently researching topics in the history of anthropology: action anthropology; Jean Francois Lafitau, SJ; Eugene Buechel, SJ; and the history of research on the ghost dance. He also is researching the ethnographic collection assembled by Fr. Buechel, SJ of Lakota material culture. He is editing and amplifying an interpretive display of Lakota bows and arrows as well as researching Lakota war charms and Lakota parflechet designs. He

continues to research the history of liturgical adaptations made during the annual Tekakwitha Conference and anthropological and theological issues of inculturation in Catholic ritual practice.

- ◇ *Rev. Don Doll, SJ*, Professor of Journalism, will be photographing for the Jesuit Refugee Service to document their world-wide activities. He will also be researching in the Wisconsin Province Jesuit Archives in St. Louis, Missouri, for a photographic history of the province. He will also research and produce photographs for an exhibit on the first Jesuit parish founded in 1620s in Port Tobacco, MD. He will also photograph student dancers in their regalia at Red Cloud Indian School in Pine Ridge, SD as well as St. Augustine's Indian School in Winnebago, NE for each school's 2006 fund-raising calendar.
- ◇ *Rev. Robert Fitzgerald, SJ*, a Creighton University Medical Center Chaplain, is part of a group researching how chaplains themselves deal with spiritual pain in patients and their families. In May, he will be part of a symposium entitled "A Day in the Life of a Hospital Chaplain."
- ◇ *Rev. Dennis Hamm, SJ*, of the Theology Department, is currently researching the source (and non-Biblical) nature of the doomsday scenario expressed in the popular ***Left Behind*** series of novels by Tim LeHaye and Jerry B. Jenkins. With three other members of the Theology Department (Professors Calef, Roddy, and Weber), he has also been working on the production of "Kairos: Biblical Education and Reflection for the Lenten Season," writing and recording eleven audio tracks on "Stories Jesus Told: Hearing the Parables Afresh." He is also researching Biblical options for presenting Ignatius' idea of "the Passion of the Christ" in the Third Week of the Spiritual Exercises. He has recently completed research for commentary on the *Acts of the Apostles*.
- ◇ *Rev. J. William Harmless, SJ*, of the Theology Department, is conducting research on a new book, ***Mystics: What They Can Teach Us About God, Prayer and Our Hard-To-Read Heart***, based on a lecture series given at John Carroll University in the fall of 2003. He is also bibliographic editor for the forthcoming English edition of Hubertus R. Drobner's ***Lehrbuch der Patrologie*** for which Bill translated 175 pages of bibliographic entries on all the Church



Creighton University Jesuit Community — 2004

Fathers and on early Christian history. He is also editing a new 250-page **Augustine Reader**, designed for use for undergraduate courses on Augustine and early Christianity.

- ◇ *Rev. Richard J. Hauser, SJ*, Rector of the Jesuit Community, is revising a book manuscript on ecumenical spirituality. The project involves reorienting his spirituality synthesis to connect directly with foundational Protestant themes. He is also researching an article on a contemporary approach to Ignatian discernment of spirits.
- ◇ *Rev. Charles Jurgensmeier, S. J.*, of the Fine and Performing Arts Department, is currently researching toward the writing of two articles for the **Choral Journal**. The first deals with the history of the Concert Mass, and the second is on the choral works of the Benedictine monk and composer, Johann Valentin Rathgeber (1682 - 1750). He is also preparing for a solo recital this spring, performing cantatas by J. S. Bach and Vivaldi.
- ◇ *Rev. Charles Kestermeier, SJ*, who works with both the English Department and Campus Ministry, continues to amplify his complete, up-to-date, on-line annotated bibliography on Raymond Queneau, a modern French author. He also edits an on-line bulletin on Queneau which appears every four to five months. In mid-October, he will have completed the first ten years of this bulletin.
- ◇ *Rev. Lee Lubbers, SJ* is writing the history of SCOLA. The main emphasis is the key role of languages in person-to-person relations and cooperation essential for bringing smaller, "out-of-the-way" countries quickly into the "functioning core" of trading nations in effective globalized interaction.
- ◇ *Rev. Thomas S. McShane, SJ*, of the Physics Department, is one of three Creighton faculty members working on the STAR Project. STAR is one of two large detector systems in the Relativistic Heavy Ion Collider at Brookhaven National Laboratory on Long Island, NY. The long-term goal is to recreate and detect a quark- gluon plasma, a form of matter that has not existed in our universe since a billionth-of-a-billionth of second after the Big Bang occurred.
- ◇ *Rev. John Montag, SJ*, Chaplain and Assistant to the Dean of the College of Business Administration, is working long-term on researching the ways in which Jesuit religious life and the various formative Jesuit documents (Constitutions, Exercises, Ratio) shaped and influenced higher education in later centuries, not only through Jesuit institutions, but through any institutions with which Jesuits had some interaction. He is also preparing sections of his dissertation on Francisco Suarez, SJ and the early-modern academic redefinition of theology and philosophy for publication as articles.
- ◇ *Rev. Roc O'Connor, SJ*, who works with the Theology Department and Campus Ministry, is in the final stages of a book proposal that deals with the topic of "Full, Active, and Conscious Participation" in the Roman Catholic liturgy. He is also researching the role of the psalms in the Liturgy of the Hours and how they proclaim and invite people to participate in the Paschal Mystery. It will be published in the summer of 2006 in **Liturgical Ministry** magazine. He has also recently concluded research on a presentation for the Catholic Campus Ministry Association that focused on describing criteria for the theological adequacy of lyrics of Entrance songs/hymns for the Roman Catholic liturgy.

- ◇ *Rev. John “Jack” Zuercher, SJ* continues his research and praxis on the process of discernment or finding God's will as found in ***The Spiritual Exercises of St. Ignatius***. He also continues his research on the spirituality of Anthony DeMello, SJ.

Please visit the webpage of the Creighton University Jesuit Community at:  
<http://magis.creighton.edu/cujesuits/>

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## LAW

Now over 100 years old, the Creighton University School of Law has a rich tradition of contributing to the fund of legal knowledge.

At one time, the bulk of academic legal writing was practice-oriented, and early on the writings of Creighton faculty reflected this prevailing trend. In more recent times, however, Creighton faculty have contributed both practically and theoretically oriented works to the legal literature.

Creighton law faculty have authored casebooks, treatises, and monographs with national commercial and academic publishers. Faculty articles have been published in law reviews throughout the nation as well as contributing works that directly influence policy and law, such as model jury instructions. Faculty writings also bridge the gap between law and other disciplines, including economics, medicine, and political science.

The goal of Creighton Law School’s research conforms to the University’s stated mission of enhancing teaching, discovering new and broader knowledge, and contributing to the betterment of society.

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## MEDICAL MICROBIOLOGY AND IMMUNOLOGY

### Research Overview

The Department of Medical Microbiology and Immunology consists of thirteen PhDs and four MDs with primary appointments and six PhDs and four MDs with secondary appointments. The department is multi-institutional, encompassing the Creighton University Medical Center (CUMC), the University of Nebraska Medical Center (UNMC), Children’s Hospital, and the Veterans Administration Medical Center (VAMC).

The research programs of the department are multi-disciplinary, with expertise in a variety of areas broadly related to medical microbiology and immunology. In addition, collaboration with faculty of other departments within Creighton University School of Medicine, the Veterans Administration

Hospital, the University of Nebraska at Lincoln, and the University of Nebraska Medical Center provides an opportunity for innovative research opportunities and supports an integrated graduate program. These collaborative efforts include research in the general areas of antimicrobial agents and chemotherapy, molecular biology, genetics, immunology, microbial toxins, virology, bacterial pathogenesis, diagnostic and clinical microbiology, adult infectious diseases, epidemiology, microbial physiology, and nosocomial infections. The range of research interests extends from clinical trials to test the efficacy of antimicrobial agents to the basic aspects of cellular and subcellular microbiology. The diversity of faculty research interests and scientific pursuits, including a listing of publications and research grants in progress, is summarized in the individual faculty bibliographies.

Major areas of emphasis within the department include:

### **Infectious Disease**

Overall, the Infectious Disease Division provides clinical services in four broad areas: clinical infectious disease consultations, laboratory management, infection control services, and advisory support to public health agencies and organizations. Patient consultations are provided by the adult disease services at several regional hospitals. The adult service is under the direction of Gary Gorby, MD and provides all adult (nineteen years and older) inpatient and outpatient consultations at the Creighton University Medical Center and the Veterans Administration Medical Center-Omaha. Members of the department provide consultation in infectious disease at each of these institutions. Research interests within the division include the pathogenesis of bacterial infections and the prevention of nosocomial infections.

*Faculty: Marvin Bittner, MD; David Dworzack, MD; Martha Gentry-Nielsen, PhD; Donald Giger, MD; Gary Gorby, MD; and Laurel Preheim, MD.*

### **Center for Research in Anti-Infectives and Biotechnology (CRAB)**

The Center for Research in Anti-Infectives and Biotechnology (CRAB) is an association of researchers within the Department of Medical Microbiology and Immunology, Creighton University School of Medicine. The research interests of the center include many aspects of antimicrobial chemotherapy ranging from drug discovery to studying the molecular mechanisms of antibacterial resistance among bacteria, solving problems of detecting antibacterial resistance in the clinical laboratory, and evaluating new drugs and novel drug combinations to effectively treat resistant bacteria. CRAB faculty have been studying the super-bug strains that are resistant to antibiotics.

The members of the center include specialists in clinical microbiology, molecular biology, and pharmacodynamics. In addition to research endeavors, members of CRAB are active in the teaching of many courses within the Schools of Medicine, Dentistry, and Pharmacy and Health Professions. Courses taught include medical microbiology and immunology, and antimicrobial agents and chemotherapy. The center associates also teach a summer "minicourse" in antimicrobial agents and chemotherapy to pharmaceutical and industry professionals.

*Faculty: Nancy Hanson, PhD; Philip Lister, PhD; and Kenneth Thomson, PhD.*

## Flow Cytometry Core Facility

The Creighton University Flow Cytometry Core Facility is located in and administered by the Department of Medical Microbiology and Immunology. The facility was established in 2001 to serve research investigators of any department at Creighton University and Boys Town National Research Hospital, as well as outside (such as Omaha Children's Hospital). Within Creighton, the facility routinely provides service to investigators in Medical Microbiology and Immunology, Biomedical Sciences, Allergy and Immunology, Cardiology, and Psychiatry.

The centerpiece of the facility is a Becton Dickinson FACSCalibur dual laser, 4-color flow cytometer. This instrument is equipped with both optional sorting capabilities and a Multiwell Autosampler. A separate computer workstation is available in the facility for off-line data analysis using any of several advanced data analysis packages available in the facility.

In addition to the FACSCalibur, the facility houses a Beckman Coulter Z1 particle counter, a Nikon E-400 microscope and an IEC Centra-GP8R refrigerated centrifuge. The cell purification/sorting capabilities of the facility have been significantly enhanced through the purchase of two magnetic separation units (VarioMACS and QuadroMACS) from Miltenyi Biotech. Through the use of monoclonal antibodies and magnetic beads, these units allow the purification of specific cell populations for further analysis or cell culture. All of these additional items are also available for use by any investigator.

*Faculty: Patrick Swanson, PhD; Technical Director: Greg Perry, PhD.*

## Immunology Research

Within the Department of Medical Microbiology and Immunology, Kristen Drescher, PhD heads studies on multiple sclerosis. Dr. Drescher has developed a unique research technique in an effort to halt the progression of damage in the central nervous system that leads to MS. Her research is attempting to alter the immune systems of mice undergoing the disease processes associated with MS to determine whether changes in the animal's mobility and lesion development in the central nervous system can be reduced. Through the use of a virus-based test vaccine, Dr. Drescher is studying the process of demyelination, or damage to the myelin sheaths that surround nerve fibers.

Another area of research within the department is the understanding of how the immune system adapts to combat foreign agents. Patrick Swanson, PhD is researching the V(D)J recombination process that assembles genes that encode antigen receptors on lymphocytes to produce disease-fighting antibodies and T-cells. Dr. Swanson has made progress in understanding how RAG proteins bind and cut DNA and has generated transgenic mice expressing mutant forms of RAG-1 to examine aspects of lymphocyte development. Through this research, Dr. Swanson hopes to learn how mutations in the RAG or other proteins involved in V(D)J recombination could lead to human diseases stemming from impaired V(D)J recombination such as severe combined immunodeficiency (SCID) or apparent gene rearrangement such as certain lymphomas and leukemias.

*Faculty: Kristen Drescher, PhD, and Patrick Swanson, PhD.*

## Prion Research

Prion diseases are a group of fatal neurodegenerative diseases that affect humans (e.g., Creutzfeldt-Jacob disease) and animals (e.g., chronic wasting disease). Prion diseases have long subclinical incubation periods of months to decades with a short clinical phase that is characterized by the onset of behavioral, cognitive, or motor deficits. Deposition of the abnormal form of the prion protein, PrP<sup>Sc</sup>, in the central nervous system (CNS) results in neuronal loss and onset of clinical symptoms. Outside of the CNS, PrP<sup>Sc</sup> deposition occurs in the peripheral nervous system and secondary lymphoreticular system (LRS) tissues such as spleen and lymph nodes. All prion diseases of animals and a majority of prion diseases in humans are due to prion exposure by a peripheral route (e.g., ingestion). Details of the mechanism(s) of prion transport to the CNS are poorly understood. To better define prion transport to the CNS the lab is investigating three areas of prion pathogenesis. First, researchers are exploring alternative routes of prion entry into the host in an attempt to better define the possible routes that prions can gain access to the CNS. Second, we are investigating the role of the innate immune system in processing and transport of prions to secondary tissues. Finally, we are interested in factors that influence susceptibility of neurons to prion infection and/or replication. The understanding of routes and mechanisms of prion transport will enhance the future development of therapeutic interventions to prevent prion spread to the CNS.

*Faculty: Jason Bartz, PhD.*

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## MEDICINE

The faculty and laboratories in the Department of Internal Medicine had many accomplishments in the 2003-2004 academic year. The Department of Medicine faculty received numerous awards from both federal and non-federal research funding sources. The department's productivity is manifested by the fact that 35 percent of all research dollars awarded to Creighton University in 2003-2004 were due to funding of Internal Medicine faculty. The leading divisions for research productivity were Endocrinology and Allergy/Immunology. Investigators receiving the most awards for this year included Drs. Robert Recker, Christopher Gallagher and Marc Rendell in the Division of Endocrinology, and Drs. Thomas Casale and Devendra Agrawal in Allergy/Immunology.

Collaborative investigation continues to be a major theme in the department research efforts. The Divisions of Rheumatology, Dermatology and Allergy/Immunology have collaborated on several clinical research protocols examining the role of immunomodulators for inflammatory diseases. The Division of Cardiology continues to conduct many clinical studies related to the treatment and prevention of cardiovascular diseases. Dr. Mohiuddin and his colleagues have also been productive in examining better ways to study and deliver health care to underserved populations. The Hematology and Oncology Division continues to be very active in clinical research, especially through their interactions with the Missouri Valley Cancer Consortium. The Division of Pulmonary and Critical Care Medicine is conducting clinical trials aimed at treating respiratory diseases. These efforts have been especially productive with the recruitment of Dr. Lee Morrow. The Nephrology Division is collaborating with the Endocrinology Division in supporting the bench-related research by

Dr. Richard Lund. In addition, many faculty members have been invited to give research lectures at national and international meetings and have received special recognition by universities and specialty societies. The General Internal Medicine Division has continued to be among the leaders in a variety of educational research projects, including nationally led studies on the effectiveness of clinical teaching. All of these efforts have led to an increased number of peer reviewed publications for the faculty, as well as state-of-the-art review articles and chapters.

## Cardiology

The Division of Cardiology continues to build upon its commitment to provide superior clinical services, participation in sponsored clinical research, and community focused intervention programs. Under the direction of Syed Mohiuddin, MD, [The Cardiac Center](#) has continued to expand its clinical operations and research activity. The Cardiac Center provides referring physicians, healthcare professionals, patients and their families with the opportunity to use the area's only freestanding facility totally dedicated to cardiovascular research and education, risk modification, diagnosis, and treatment. Services at The Cardiac Center include: physician evaluation and management, electrocardiography, x-ray, exercise testing, echocardiography including Transesophageal (TEE), Implantable Cardiac Defibrillator (ICD) and pacemaker management, cardiac catheterization and percutaneous interventions, pharmacologic interventions (including the availability of compassionate drugs), laboratory services, risk reduction education, and smoking cessation services.

**Clinical Operations.** The Cardiac Center strives to make available the most current technologies in treatment methods and diagnostic tools. Brachytherapy (radiation therapy) and drug-eluting stents have been added to our list of interventional strategies to treat narrowing or occluded coronary vessels and prevent restenosis. Enhanced External Counterpulsation (EECP) treatment is a noninvasive, outpatient procedure to relieve angina by improving perfusion in areas of the heart deprived of adequate blood supply.

The Cardiac Center now performs Intravascular Ultrasound (IVUS), an invasive procedure conducted in the Cath Lab that produces ultrasound images from inside the coronary artery. This procedure allows physicians to look inside the coronary artery to evaluate stent deployment and identify possible lesions and plaque.

Another new testing procedure conducted at The Cardiac Center is the T-Wave Alternans test, a non-invasive diagnostic test designed to help identify patients at risk of life threatening heart rhythm disturbances that can lead to sudden cardiac death. The test is conducted much like a standard stress test and allows close examination of the beat-to-beat variations in a patient's EKG.

Cardiology has been tailoring current equipment and systems in preparation of achieving a comprehensive database of clinical information derived from all diagnostic equipment and clinical areas within the Cardiac Center. This integrated system will put patient data at our physicians' fingertips and provide a database to support clinical research activities. In the past year, the APOLLO data warehouse integrated digital imaging from the Noninvasive Laboratory, and digital Holter scanners and recorders from Cardiac Monitoring. The next steps will integrate data from the Electrophysiology and Catheterization Lab.

**Clinical Research.** The Cardiac Center initiated twenty-one new clinical trials during the past year alone, including phase III and phase IV pharmaceutical and device trials. Those topics include anemia, heart failure, acute coronary syndrome, hypertension, coronary bypass, dyslipidemia, C-reactive protein, acute myocardial infarction intervention and post-intervention studies.

Investigators at The Cardiac Center have also initiated several projects examining the relationship between lipoproteins, oxidative stress, platelet reactivity, endothelial function, and smoking status in African-Americans and Asian-Indians. Studies have demonstrated that endothelial dysfunction may independently predict long-term progression of atherosclerosis and risk of cardiovascular events, and that amplified platelet reactivity increases the risk of thrombus formation. Cigarette smoking has been shown to cause alterations of lipid profiles and increase free radical activity (measured by isoprostane 8-epi-PGF2a), both of which adversely affect endothelial function and platelet reactivity. Our investigators hypothesize that after an intensive smoking cessation program, there is an improvement in the lipoprotein particle profile, restored endothelial function, normalized platelet reactivity, and reduced excretion of 8-epi-PGF2a.

Cardiology continues to support investigator-initiated research by developing strategic and collaborative relationships with academia, industry, and the community. This effective research infrastructure includes assistance with manuscripts, funding applications, laboratory support, and data collection. By promoting education and dissemination of activities and results intramurally and extramurally to physicians and the public, we are developing an innovative clinical research network as a means to increase funding opportunities, publications, and ultimately aim to improve patient care.

**Funded Programs in Minority Cardiovascular Risk Prevention.** The areas surrounding the Creighton University Medical Center have historically lacked a constant, organized, and durable program to identify and educate individuals at high risk for cardiovascular disease as well as the importance and significance of disease prevention. The Cardiac Center has recognized this need to provide educational and preventative programs to the local community, and has responded with multiple initiatives. These programs have enhanced the University's visibility in the Omaha community as a partner willing to share its resources for improving health care in the minority community.

- ◇ The Creighton Heart Education Center (CHEC), in partnership with the National Heart Lung and Blood Institute, created the Enhanced Dissemination and Utilization Center (EDUC) to improve cardiovascular health at the community level, especially in communities at high risk for cardiovascular disease (CVD). CHEC uses a community-oriented approach based on an alliance between CUMC, community centers, and places of worship to implement CVD risk factor education, prevention, intervention, and reduction in the African-American population. Many of the community projects are conducted from the 30-foot mobile education and teaching unit (MESU). This project, one of six in the country, is funded under contract with the National Heart, Lung, and Blood Institute (NHLBI), and equally supported with funding from the Creighton University School of Medicine.
- ◇ The Cardiovascular Risk Factor Screening and Intervention in African-American Adults (CARSI) program provides cost-efficient, straightforward education and support to a large segment of Omaha's African-American population. The project focuses on cardiovascular disease prevention through healthy eating, physical activity, and strong culturally-sensitive

partnerships with health care providers and agencies. A network of community-based educators guide and support participants through the program.

**Funded Programs in Smoking Cessation and Cardiovascular Risk Reduction.** The Cardiac Center has developed an intensive, multi-component smoking cessation/relapse prevention intervention, the effectiveness of which is being compared to traditional smoking cessation programs. This study provides a medical service that was not previously provided within the community and the surrounding area, and treating tobacco dependence offers clinicians a great opportunity to reduce the loss of life and unhappiness caused by this chronic condition.

- ◇ The Peer 2 Peer program leverages the success of the lay health educator model to offer support group services as a supplement to clinic-based smoking cessation services. Ex-smokers are offered the opportunity to serve their community as smoking cessation support group leaders and are trained and paid stipends by the Cardiac Center for their dedicated services.
- ◇ The Priority Women project, funded by the American Legacy Foundation, provides smoking cessation support to low socioeconomic status women from shelters and other transitional living facilities that require a smoke-free environment.

## Osteoporosis

Investigators in the Creighton Osteoporosis Research Center (ORC) have, for the past forty-five years, made Creighton an international center of excellence in human bone research — investigating how the skeleton remodels itself to repair damage, what goes wrong with that process in the development of osteoporosis, and what the nutritional and exercise requirements are for building strong bones and maintaining bone health. In recent years, the ORC researchers have also focused particular effort on vitamin D metabolism and on the inheritance of bone mass.

ORC investigators identified several kindreds in which high bone mass is inherited as a Mendelian dominant trait. In one of these kindreds, and in collaboration with biotech and pharmaceutical industry partners, they have identified the gene (Lrp5) and causal mutation (G171V) responsible for the high bone mass phenotype. This finding continues to generate tremendous excitement within the bone field because it has revealed a previously unknown pathway important for regulating bone mass and it provides a new target for developing pharmaceutical agents to treat osteoporosis. It also has the potential to open the window on very basic cell biology questions, such as the chemical representation of the set point involved in all biological feedback control loops.

One of their best-known projects, the “Omaha Nuns Study,” involves nearly 200 nuns from Midwestern religious communities who have been followed with intensive physiological measurements for the past thirty-eight years. Results from this study have literally “written the book” on the metabolism of calcium in the middle-aged woman. Findings from these studies provided, for example, the principal scientific basis for the NIH recommendations for adult calcium intake. The database developed from these studies since their beginning in 1967 is continuously being mined, resulting in one to three original papers each year evaluating, for example, the relationship between calcium intake and obesity, the importance of phosphorus intake, and the role of vegetables in maintaining total body health.

In a more recent study, ORC investigators found that low doses of estrogen are effective in preventing postmenopausal bone loss, but only if combined with high intakes of calcium and supplemental vitamin D. This is good news for women who are unable to tolerate the side effects of estrogen replacement therapy at conventional doses, as well as for women, who because of the concern raised by the estrogen arms of the large Women's Health Initiative trial, are reluctant to use estrogen.

Recently ORC researchers have broadened the scope of their studies to include children. Four studies of bone health in pubertal girls are currently under way. Findings from one of these studies demonstrated that a high intake of dairy foods does not lead to excessive weight gain. Many girls start avoiding dairy foods because of concern about becoming overweight. The ORC study helps to dispel the myth that dairy foods lead to overweight.

The Creighton ORC is one of five sites in the United States participating in an NIH-funded study to establish a normative database for bone mass in children. Such a database is sorely needed so clinicians can better assess the bone health of children with diseases that directly or indirectly affect their skeletons. More than 1,500 children and adolescents are enrolled in this three-year study.

ORC investigators are also involved in work to decrease the incidence of stress fractures in military recruits. A study of 4,139 female Army recruits revealed that young women who have low bone mass and are sedentary and smoke cigarettes prior to starting basic military training have a high risk of suffering a stress fracture. Future studies are planned to target such recruits for a modified training program so that their risk of fracture is reduced. A study is now under way at the Great Lakes Naval Center, Illinois to determine whether calcium and vitamin D supplementation decrease the incidence of stress fracture in Naval recruits.

Recent ORC work has focused on the human vitamin D requirement and has shown that normal adults use far more of this key substance every day than had been previously thought. Typically, we get 80 to 90 percent of our daily need from the sun. But persons of color (and the housebound) do not make much vitamin D that way and are much more dependent on vitamin D supplements and fortified foods. The ORC is currently exploring the daily vitamin D need for persons of color, under a contract from the U.S. Department of Defense, which is concerned to ensure normal vitamin D status in persons of color stationed at northern latitudes.

Creighton ORC investigators have provided the conceptual leadership, the detailed background mapping of the field, and the technical excellence needed to support a significant portion of the national research effort into the problem of osteoporosis. Creighton's expertise in the use of radioactive calcium led to the center's being asked to do all of the calcium absorption studies for a national multicenter study involving over 8,000 aging women from around the country. Creighton has literally become the "bioavailability capital" of the world. The ORC histomorphometry laboratory is the only one of its kind in the country to meet standards termed Good Laboratory Practices, and it too serves as a center for processing and interpreting bone biopsies from many of the national osteoporosis trials.

Recognition of the ORC's work is evidenced by:

- ◇ Creighton was sought by Procter & Gamble, Abbott Laboratories, the New Zealand Dairy Board, Kellogg's, General Mills, Mead-Johnson, to name a few, as the sole site to test the

bioavailability of calcium enrichment added to their foods or beverages. The ORC was a study site for the trial of one of the first effective treatments for osteoporosis, Fosamax. ORC researchers worked with Eli Lilly & Company to establish the mechanism of action on bone of their Selective Estrogen Receptor Modulator, Evista. The ORC continues to participate in clinical trials of new medications for the prevention and treatment of osteoporosis.

- ◇ The director of the ORC has served on the Advisory Council for the National Institute of Arthritis, Musculoskeletal, and Skin Disorders, and is past-president of the American Society for Bone and Mineral Research, the world's largest body of scientists in the bone field.
- ◇ ORC investigators have chaired many National Institutes of Health and U.S. Department of Defense grant review committees and served on countless others. They serve (or served) on the Board of Directors and the Scientific Advisory and Nurses' Steering Committees of the National Osteoporosis Foundation, as well as the Panel on Calcium and Related Nutrients of the Food and Nutrition Board (Institute of Medicine), the body that set the most recent calcium requirements. They also serve as advisors to NASA and consult on experiments to determine the effect of space travel on bone health. They also serve on numerous editorial boards for all the major bone journals.
- ◇ ORC investigators wrote the chapter on bone health for the *Encyclopedia Britannica*, two books on calcium and osteoporosis for non-professional audiences, and the monograph for the Food and Drug Administration which led to approval of a health claim for calcium-rich foods. ORC researchers have contributed to the recently released Surgeon General's Report on Osteoporosis and have published a multitude of journal articles and book chapters in a wide variety of disciplines — medicine, nursing, exercise science, nutrition, biomechanics, genetics, molecular biology, bone biology, and others.
- ◇ Members of the ORC have been selected as Fellows in the American Society of Clinical Endocrinology, the American Institute of Nutrition, and in the American Academy of Nursing. In 1994 and 2003, two members of the group received the Bartter Award of the American Society for Bone and Mineral Research (the top national prize for clinical research into bone). Creighton is the only university in the world to have two of its faculty members honored with this award. The director of the center was recently named "Master" in the American College of Physicians. One of its members is a Fellow of the American Academy of Nursing. Another, in a single year, received the prize of the Institut Candia (France), the McCollum Award of the American Society for Clinical Nutrition, and the E. V. McCollum International Lectureship of the American Society for Nutritional Sciences.

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## NURSING

The School of Nursing faculty participate in varied research studies using both qualitative and quantitative methods. Two projects are focused on grounded theory development in areas that

currently have no theoretical frameworks. One research team is exploring the process of partnering during home visits with high risk, pregnant adolescents to improve their parenting and health outcomes. Describing the elements of effective partnering will be used to improve the communication skills of students and health professionals who work with vulnerable clients. Another team is interviewing parents from hereditary cancer families with their adolescent and young adult children to develop a theoretical framework of the process of adapting to intergenerational vulnerability. Family experiences, perceptions, communications about risk, and decisions about testing and choosing health promoting strategies are being explored to better inform the education, counseling, and social support of these families.

Several faculty members are at work on quantitative research projects which survey pediatric clinic compliance with federally-mandated lead screening of children, continue a longitudinal study of outcomes of premature infants, pursue health policy analyses and issues of end-of-life decision-making. Researchers with interests in aging and health care studied the effects of the Eden Alternative, a focus on improving the nursing home environment and subsequently, the residents' quality of life; developed an evidence-based protocol for prescribing medications for older adults; and used case studies to describe the effects of relocation on elderly nursing home residents. Two nurse researchers are pursuing a program of research on the effects of a high calcium diet and exercise on maximizing bone health in young girls. Other faculty members are pursuing doctoral dissertations on symptom management in post-cardiac surgery patients and on the bereavement experiences of African-American women following the death of their infants.

The scholarship of teaching is also of interest in the school because of the recent addition of Meti Man, a computerized, simulated patient that can be programmed to demonstrate symptoms of various conditions. Several faculty members are taking advantage of this relatively new acquisition to program and test the effects of varied simulated conditions on student learning and self-efficacy.

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## PHARMACY AND HEALTH PROFESSIONS

The School of Pharmacy and Health Professions is composed of faculty who guide the development of excellence in the clinical professions of occupational therapy, pharmacy, and physical therapy. The school also offers courses of study that lead to a certificate in Health Services Administration and grants the degree in Emergency Medical Services. The School consists of four academic departments: Occupational Therapy, Pharmacy Practice, Pharmacy Sciences and Physical Therapy. These departments work collaboratively and collectively to achieve excellence in these professional program offerings. The scope of research is broad — with active research programs and projects in the biomedical sciences, health services research, clinical research, and educational research emphases. Interdisciplinary and interprofessional approaches characterize our research models and culture throughout the scope of research subjects. The faculty is composed of both basic scientists and clinician scientists who provide a framework for basic, translational, and applied research opportunities. Faculty engage in national, regional, state-wide, and local research initiatives – with several holding appointments on federal grant review panels and providing consultation and service

for agencies such as the National Institutes of Health (NIH), Health Resources Services Administration (HRSA), Agency for Healthcare Research and Quality (AHRQ), and National Science Foundation (NSF). A revitalization, growth, and development effort to support and enhance faculty research has been initiated with the new Dean's appointment in mid-June of 2003. A newly formed Office of Research was established in mid-2004 to provide faculty support and services to assist faculty with quality and productivity in research efforts.

### **Research Funding**

In the June 2003 through June 2004 period, eighteen research awards were attained by our faculty through research grants and contracts. The total award amount for this period was \$520,534. Funding has been received in the broad research categories of biomedical sciences, health services research, clinical research, and educational research. An eight-month interruption to renovate and modernize basic laboratory facilities occurred during this time period, causing a temporary break in continuity for our basic science researchers within the school. A decrease in the submission rates for external funding directly related to this scientific community of faculty is observed. However, this renovation was a necessary part of the essential improvements required to facilitate the basic science initiatives. These scientists are focusing on the enhancement of excellence in collaborative research. The quality of the facilities has a direct impact on their success. Future plans include increasing the availability of more facilities, essential to our planned future growth.

### **SPHP Faculty Research Grant Development Program**

The School received a pivotal, capacity building award from the Health Futures Foundation to establish an internal seed money grant program entitled the *SPHP Faculty Research Grant Development Program*. The purpose of this program is to facilitate faculty research efforts for high impact, high value, and potentially externally fundable works. The *SPHP Faculty Research Grant Development Program* will launch in the June 2004 through June 2005 period. This program is conceptualized as a quality building effort using the peer and administrative review process to enhance faculty competitiveness and productivity in research.

### **Creighton University Health Services Research Program (CHRP)**

The School received a second pivotal, three-year capacity building award from the Health Futures Foundation to establish the *Creighton University Health Services Research Program (CHRP at <http://spahp.creighton.edu/chrp>)*. CHRP is an interdisciplinary faculty core with representatives from all departments within SPHP and other campus schools. CHRP facilitates researchers and scholars to come together for interprofessional collaboration and faculty development. The intent of the program is to develop a community of ambitious and dedicated faculty with compatible health services research interests and complimentary research skills by providing both structural and cultural support for their efforts. Several specific areas of study are health care safety, health care quality, effectiveness of health care, organizations and health, access to care, economics of care, health care disparities, health care literacy, cultural health, health care promotion, disease prevention, and the science of translating research to practice. Developing community relationships that build capacity to answer questions that test application of research findings to generalized practice is central to CHRP's mission. CHRP is founded on collaborative research relationships established with the Nebraska State Department of Health and Human Services in the Medicaid Program, the Office on Aging, and

faculty members and practitioners throughout the health care community. The third year of an AHRQ federal grant to study technologies and patient safety, entitled, *Impact of Handheld Technologies on Medication Safety in Primary Care – R18HS11808-1, Agency for Healthcare Quality and Research*, provided bridge funding for the CHRP launch.

### **Office of Interprofessional Scholarship, Service and Education (OISSE)**

The Office of Interprofessional Scholarship, Service and Education was formed in 2001 as a resource to facilitate development of academic-community partnerships supporting domestic and international service learning experiences and interprofessional student training opportunities. Current outreach activities include the Omaha and Winnebago Tribes of Nebraska and participation with the Institute for Latin American Concern in the Dominican Republic. All experiences combine cultural immersion and health service provision to meet the profound health disparities experienced by these underserved communities. The Office of Interprofessional Scholarship, Service and Education also provides e-learning opportunities on the Office website (<http://oisse.creighton.edu>) including on-line learning modules in cultural competency and health related issues experienced by the populations served. The ten-year community-campus partnership with the Native American tribes has resulted in receipt of three federal grants, with current funding allocated through *Dreamcatchers and the Common Good: Allied Health Leadership in Generational Health and Ethics* HRSA Grant # 1 D37HP00824-01 (1 July 2001-30 June 2005). In 2003-2004, students from pharmacy, occupational therapy, and physical therapy have participated in the Native American outreach programs, providing over 8,900 hours of service. Clinical contracts between the University and the tribes have enabled sustained provision of reservation-based physical and occupational therapy services benefiting over 1,000 patients. In addition to a research focus on service learning and interprofessional student training, the innovative work and model of the office structure also promotes student and faculty scholarship related to rural health issues, cross-cultural and community-based practice, health care access, and social justice concerns.

### **Student Research**

**Graduate Student Research.** The School of Pharmacy and Health Professions has both undergraduate and graduate students actively engaged and mentored by faculty in research. At present, ten students are enrolled in the Masters of Science Program in Pharmaceutical Sciences. A research thesis is required for the fulfillment of the requirements of the program. The research areas include pharmaceuticals, immunology, pharmacology, toxicology and pharmacokinetics. The specific areas of interest include drug delivery systems, regulation of T helper cells, pharmacology of the eye, and TCDD toxicity. To date, eight students have graduated from the program. PhD candidates in a joint program with the School of Medicine participated in faculty mentored projects during this past year.

**Clinical Doctorate Student Research.** Research project completion is a required activity within the Doctor of Occupational Therapy and Doctor of Physical Therapy programs, and encouraged in the Doctor of Pharmacy Program. The faculty provide mentorship and guidance in skills development for all forms of research, with common areas of emphasis being service-learning, reflective practice, and applied outcomes research.

## **Department of Occupational Therapy**

The Department of Occupational Therapy is home to eleven faculty. The large majority maintain clinical training sites and services. The OT Department recently graduated the first in the U.S. entry-level class with the professional doctorate, the doctor of occupational therapy (OTD). Faculty members are engaged in the following areas of research: increasing services in rural areas, occupational patterns and disability, scholarship of teaching and learning, interprofessional geriatric care, health disparities, migrant workers, patient safety, and interprofessional care of the Native Americans through participation in OISSE grants and contracts. The clinical services, including the CUMC contract services, satellite clinics in Omaha and Bellevue, OT residency program at CUMC, clinical services at Macy and Winnebago Reservations, provide the practice laboratory for most research activities of the department faculty. In 2004 the first Doctor of Occupational Therapy residency position in conjunction with CUMC was established. Such residency training is of vital importance to the advancement of excellence in research and scholarship of a profession. From June 2003 to June 2004, the faculty produced thirty-three publications, provided six international, twenty-five national, thirteen regional or state presentations, and received four national recognitions.

## **Department of Pharmacy Practice**

The Department of Pharmacy Practice is primarily responsible for the clinical education of students enrolled in the Doctor of Pharmacy program. The large majority of the forty-three faculty are clinician scientists whose research efforts are integrated within their clinical practice community. Scholarship emphases are in educational assessment and outcomes research, clinical outcomes research, pharmacogenomics, nanomedicine for blood-brain barrier penetration, infectious diseases, clinical research in chronic disease management of areas such as diabetes, dyslipidemia, pain management, and public health research related to immunizations and disease prevention. Faculty maintain practices at CUMC, hospitals in the Alegant system, Children's Hospital, Methodist Hospital, Omaha and Lincoln VAMCs, and Bryan LGH in Lincoln. In addition, we have a joint relationship with Walgreen's in Omaha for clinical model development in the community. Our clinical faculty has established collaborative relationships with faculty in the Department of Medicine for a number of general and specialty clinics, the Department of Family Practice, and the Departments of Neurology, Psychiatry, and Anesthesiology. The Drug Informatics Center located in the Health Sciences Library is a key service and research partner with CHRP in the Office on Aging collaboration. The department has established and maintained three residency positions in pharmacy practice who complete their training throughout the CUMC and community partner health systems and organizations. One fellow in the area of cardiology and three residents in the areas of drug informatics and clinical pharmaceutical care complete training within the department. From June 2003 to June 2004, the faculty produced thirty-two publications, provided thirty national, regional or state presentations, and received three national recognitions.

## **Department of Pharmacy Sciences**

The Department of Pharmacy Sciences has responsibility for the basic pharmaceutical science and behavioral science courses in the curriculum. Of the twenty-one faculty who make up the department, a preponderance are PhD-trained pharmacy scientists who have backgrounds in pharmaceuticals, pharmacology, medicinal chemistry, health services research, and social and behavioral pharmacy. Discipline areas include pharmaceuticals, pharmacokinetics, dosage form

development, medicinal chemistry, pharmacological mechanisms of drug action, pharmaco-economics, organizational theory, health services research, sociobehavioral research, and health outcomes. The department is home to the MS in Pharmaceutical Sciences. From June 2003 to June 2004, the faculty produced a solid record of publications, provided one international, fifty-four national, and thirty-seven regional or state presentations, and filed one patent.

### Department of Physical Therapy

The Physical Therapy Department is composed of fourteen faculty. Eight faculty have Teaching-Research classification appointments, four of the faculty have Clinician-Educator classification appointments, and one has a 0.5 FTE adjunct appointment. One of the Teaching-Research faculty has significant administrative responsibilities in the School. Faculty members are engaged in a broad range of research areas. Major areas include: biodynamics and mechanics, Parkinson's disease, interprofessional care of the Native Americans through participation in OISSE grants and contracts, patient safety, and prion disease. Physical therapy clinical services are provided at CUMC through a management contract. These services include in-hospital, two offsite clinics, an ambulatory faculty clinic, and an athletic medicine clinic for Creighton University student athletes. The department has established a Physical Therapy residency in orthopedic physical therapy in conjunction with CUMC and initiated this program with the first resident June 1, 2003. The department provides other services through clinical contracts at the Winnebago and Macy Indian Reservations. External grant funding through participation in OISSE grants and contracts provides support for student training in these communities. Faculty in the department have ascertained extramural funding to support the prion disease research. The faculty produced seventeen peer-reviewed publications, provided thirty-three national, regional and state presentations, and received three national recognitions.

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## PHYSICS

Research in the Department of Physics covers a spectrum from the theoretical discussion of the physical meaning of quantum mechanics to experiments in high energy nuclear physics. The high energy project involves several faculty in collaboration with Brookhaven National Laboratory in New York, Lawrence Berkeley Laboratory in California, and the European Center for Particle Physics Research in Switzerland. It investigates the theoretical production of particles from intense fields and the experimental study of nuclei at very high temperatures and pressure. It is hypothesized that, by recreating the conditions present a fraction of a second after the Big Bang, a state of matter not present in the universe since that time, a quark-gluon plasma, might be recreated as well. Observing this previously unseen state will provide information that is relevant to not only particle physics but also cosmology. The quark-gluon plasma is studied using boson interferometry and measurements of strangeness production, work that requires the development of large scale real time control and monitoring systems.

Another line of research seeks to determine the details of the x-ray production from atomic inner-shell ionization using a particle accelerator to produce low energy positive ions for bombarding atoms

in solids. Very soft, low energy x-rays are measured with a Si(Li) detector equipped with an ultra-thin entrance window. Collateral information about the general interaction of ions moving in solids is also derived from these studies. The research has importance for basic studies of atomic interactions and has wide application to the nondestructive quantitative analysis of materials by measuring proton-induced x-ray emissions (PIXE) and to modifications of materials for use in the semiconductor industry. Inner-shell ionization in atoms is also being investigated through the photo-ionization process using a radioactive source of x-rays.

Research is currently being developed in the area of liquid-to-glass and liquid-to-gel transitions, one of the major unresolved problems in condensed matter physics. In this research, dynamic light scattering will be used to measure structural relaxation of liquids, gels, and epoxies on approach to the transition point. Another developing area of research is the rapidly growing field of "Solid State Ionics." It will involve experimental and theoretical components aimed at tracing elementary steps of ion motion and understanding how the structural environment affects the dynamics of the mobile ions. The chief experimental technique is dielectric (or conductivity) spectroscopy which measures the dielectric response of mobile ions to an applied electric field.

The Department of Physics also has an active research program in the field of Biophysics. Research in the biophysical optics lab is currently focused on the development and application of innovative optical techniques to study cellular and tissue environments. So far, we have developed a fully configurable three-channel, laser-scanning confocal microscope that works in both reflectance and fluorescence modes. In addition, we have built an all-solid-state Titanium:Sapphire laser that produces 1 W tunable output in the infrared from 730-900 nm. These two instruments are currently being used together to study the wavelength dependence of cellular response to intense (currently up to  $10^{11}$  W/cm<sup>2</sup>, CW) near-infrared radiation, and we anticipate multiphoton microscopy in the near future. Finally, in collaboration with the Department of Biomedical Sciences, we have recently built an optical stretcher facility for biomechanical studies of outer hair cells, osteocytes, and cancer cells.

Several topics in the field of astro-particle physics are also under investigation in the department. One of the greatest mysteries of our time is dark matter; evidence shows that the Universe is dominated by a form of matter which does not interact electromagnetically and which is not composed of the familiar protons, neutrons, and electrons. Using theoretical models which propose particle physics candidates for the dark matter, detection rates in current and future detectors are calculated through extensive computer simulations. Such calculations can shed light on the distribution of dark matter and rule out classes of theories which are not yet testable directly at accelerators. In addition to the research on dark matter, the composition of extremely energetic cosmic rays is also being studied to determine realistic backgrounds at neutrino telescopes which are opening new windows on the Universe. In particular, the energy and angular dependence of prompt muons, those created in the decay of charmed particles, is being simulated numerically.



## PSYCHIATRY

Creighton Psychiatry is an essentially new department arising from the 1999 reconfiguration of academic psychiatry in Omaha. The department continues to rapidly expand research activities within and beyond the faculty. Perhaps most significant is the mentoring of junior faculty as well as active engagement in collaborative projects with local, regional, national, and international colleagues.

Remarkable progress is directly measurable, notably that funded research has risen from zero in early 2001 to some \$8 million as of late 2004. The number of active faculty researchers has risen from zero (before Dr. Wilson arrived as Chairman in 2000) to more than a dozen and continues to increase, most notably with Dr. Patricia Sullivan having joined the faculty as a senior behavioral science researcher with more than twenty years of continuous federal funding for studies involving psychological trauma.

Departmental activities are primarily via the Department Institute for Clinical Neuroscience and Psychopharmacology founded by Dr. Wilson and now under the directorship of Fred Petty, MD, PhD. Principal sites include CUMC, Alegent, and the VA Hospital. Dr. Petty, an internationally respected and highly productive basic and clinical neuroscientist, is Vice-Chair for Research in Psychiatry and Professor of Psychiatry at Creighton, as well as Director of Mental Health Research for the Nebraska-Western Iowa VA. Dr. Petty continues his VA Merit Award and is leading a major collaboration to situate a Mental Illness Research, Education and Clinical Center (MIRECC) within the Midwest VA system. Collaborative international research programs are also being developed with the Hilo (Hawaii) Health System, as well as the University of Cairo and Behman Hospital in Egypt.

Dr. Wilson's schizophrenia relapse prevention and his disparities in psychiatric diagnosis proposals both scored in the top 6 percent for NIMH awards. Other proposals pending federal funding include Dr. Happe's work in autonomic nervous system development (VA and NIH), Dr. Sokol's PANDAS pilot study (NIMH), and Dr. Fernandes' mood-brain imaging correlation study now in the pilot phase (VA).

Drs. Wilson and Petty serve on the national research committees for NIH-SAMSHA and the VA, respectively, as well as the scientific CNS advisory boards for numerous pharmaceutical houses. Thus, industry-sponsored psychopharmacology research continues to grow dramatically as Drs. Wilson, Petty, and Sattar participate in diverse multicenter studies that have begun to involve more junior Creighton faculty as well. So, too, as a Robert Wood Johnson Scholar, Dr. Sattar is working on a multi-year project to advance clinical research in the area of substance abuse.

Collaborative research remains robust. Within Creighton, the department has established links with Biomedical Sciences, Pharmacology, Cardiology, Medicine, as well as the Center for Health Policy and Ethics, School of Nursing, School of Pharmacy and Health Professions, and the School of Law. Beyond Creighton, substantive links have been made with UNMC, University of Nebraska Psychology, Nebraska Health and Human Services, Children's Hospital, Douglas County Health Center, Catholic Charities, and Boys and Girls Town.

The department has also helped spearhead a University-wide initiative to promote the considerable medicolegal expertise at Creighton, including our own active studies in forensic psychiatry and health policy. Creighton Psychiatry is the major sponsor of the Omaha Center for Psychotherapy and Psychoanalysis which, under the leadership of Dr. Svolos, has emerged as an internationally esteemed model of inter-disciplinary training and research.

Senior faculty are also closely involved in ongoing mental health reform in Nebraska. As this relates to research in particular, we are supportive of emerging plans for a Center of Excellence to include clinical and basic science research facilities for studies in Omaha, as well as state-of-the-art telehealth linkages to promote clinical and research outreach across the state. This network will include both clinical trials, as well as services and outcomes research.

Overall, faculty authorships of refereed publications have risen from a single paper in 2000 to in excess of 150 this year. Moreover, these span all phases of the life cycle as well as most major domains of clinical interest in addition to health policy, forensics, psychoanalysis, anthropological medicine, and neurobiology among many other diverse subjects. The Psychiatry faculty is grateful for an environment at Creighton that has been so conducive to these opportunities for us to contribute research that helps better understand and treat diverse mental illnesses.

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## SOCIOLOGY AND ANTHROPOLOGY

- ◇ *Mr. James T. Ault, III* is continuing research on the three-year study of the use and reliability of SIR II forms in the College of Arts and Sciences. He has developed a data base that includes all SIR II forms processed by the Division of Information Technology (DOIT) for six consecutive semesters. He has merged these data with data describing the attributes of the courses and of the faculty members who taught them. The course attributes include curricular variables, including whether the course is required or elective, size, level, and distribution of grades awarded in the course. Faculty data include ethnicity, gender, tenure track/non-tenure track, tenure status when the course was taught, years at Creighton, rank, and others.
- ◇ *Fr. Raymond Bucko, SJ* is currently researching topics in the history of anthropology: action anthropology; Jean Francois Lafitau, SJ; Eugene Buechel, SJ; and the history of research on the ghost dance. He also is researching the ethnographic collection assembled by Fr. Buechel, SJ of Lakota material culture. He is editing and amplifying an interpretive display of Lakota bows and arrows as well as researching Lakota war charms and Lakota parflech designs. He continues to research the history of liturgical adaptations made during the annual Tekakwitha Conference and anthropological and theological issues of inculturation in Catholic ritual practice.
- ◇ *Dr. Jerry Clark* continues to research a major work on the Genoa Indian School of Genoa, Nebraska, a federal boarding school operated from 1884 to 1934. He is working with a massive amount of documentation from the National Archives in Washington, D.C.

- ◇ *Dr. Barbara Dilly* is engaged in ongoing action research in a small rural community in Northeast Iowa to help its citizens define and implement appropriate economic development agendas. She is working on an evaluation of the processes by which local citizens negotiate conflicts associated with river recreation and environmental tourism development. Her work in this agricultural region also includes long-term ethnographic research on the Old Order Amish farmers and other conservative religious groups in Northeast Iowa to understand how they adapt to the changing agricultural economy. She is also researching the social and cultural history of the American family farmer's daughter to understand how an American icon was shaped by popular culture's views of women and agriculture.
- ◇ *Dr. Charles Harper* is busy working on revisions for his three texts, all published by Prentice-Hall, Inc.: ***Environment and Society: Human Perspectives on Environmental Issues*** (3<sup>rd</sup> ed.), ***Exploring Social Change: America and the World*** (4<sup>th</sup> ed., co-author Kevin Leicht), and ***Food, Society, and Environment*** (1<sup>st</sup> ed., co-author Bryan LeBeau). Dr. Harper is also researching a paper about sustainability and agriculture.
- ◇ *Dr. Lisa Riley* continues to design and provide research for The Center for Marriage and Family (CMF). She is evaluating the Nebraska Healthy Marriage Initiative, part of President Bush's Healthy Marriage Initiative which includes two components. The first, a baseline community survey, determined the knowledge about the benefits of a healthy and stable marriage of those in the designated community. A second component is the evaluation of a three-program ongoing marriage education process. Additionally, she is doing research on a new national study focusing on the issue of marital stability and religion. She also continued her research on disagreement among newly married couples as well as religiosity differences among spouses.
- ◇ *Dr. Sue Schuessler* continues her research on how knowledge is generated, transmitted, and applied by African healers. She is also researching the role of trance in developing a healthy and expanded sense of self. She continues to research the healers' response to the political situation that underlies the increase in infectious disease and how the healers are dealing with the social problems resulting from the increase in disease. She is also doing research on religion and healing in the United States.

Please visit the webpage for the Department of Sociology and Anthropology at:  
<http://puffin.creighton.edu/soc/soc.htm>

## PUBLICATIONS

### ARTS AND SCIENCES

Adams, J., et al. [including Cherney, M., Gronstal, S., McShane, T. S., Seger, J., & Waggoner, W.]. (2003). Evidence from d+Au measurements for final-state suppression of high pT hadrons in Au+Au collisions at RHIC. *Physical Review Letters*, 91, 072304.

Adams, J., et al. [including Cherney, M., Gronstal, S., McShane, T. S., Seger, J., & Waggoner, W.]. (2003). Net charge fluctuations in Au+Au collisions at  $\sqrt{s_{nn}} = 130$  GeV. *Physical Review C*, 68, 044905.

Adams, J., et al. [including Cherney, M., Gronstal, S., McShane, T. S., Seger, J., & Waggoner, W.]. (2003). Transverse momentum and collision energy dependence of high pT hadron suppression in Au+Au collisions at ultrarelativistic energies. *Physical Review Letters*, 91, 172302.

Adams, J., et al. [including Cherney, M., Gronstal, S., McShane, T. S., Seger, J., & Waggoner, W.]. (2004). Azimuthal anisotropy at the relativistic heavy ion collider: The first and fourth harmonics. *Physical Review Letters*, 92, 062301.

Adams, J., et al. [including Cherney, M., Gronstal, S., McShane, T. S., Seger, J., & Waggoner, W.]. (2004). Azimuthally sensitive HBT in Au+Au collisions at  $\sqrt{s_{NN}} = 200$  GeV. *Physical Review Letters*, 93, 012301.

Adams, J., et al. [including Cherney, M., Gronstal, S., McShane, T. S., Seger, J., & Waggoner, W.]. (2004). Cross sections and transverse single-spin asymmetries in forward neutral pion production from proton collisions at  $\sqrt{s} = 200$  GeV. *Physical Review Letters*, 92, 171801.

Adams, J., et al. [including Cherney, M., Gronstal, S., McShane, T. S., Seger, J., & Waggoner, W.]. (2004). Identified particle distributions in pp and Au+Au collisions at  $\sqrt{s_{nn}} = 200$  GeV. *Physical Review Letters*, 92, 112301.

Adams, J., et al. [including Cherney, M., Gronstal, S., McShane, T. S., Seger, J., & Waggoner, W.]. (2004). Multi-strange baryon production in Au-Au collisions at  $\sqrt{s_{nn}} = 130$  GeV. *Physical Review Letters*, 92, 182301.

Adams, J., et al. [including Cherney, M., Gronstal, S., McShane, T. S., Seger, J., & Waggoner, W.]. (2004). Particle-type dependence of azimuthal anisotropy and nuclear modification of particle production in Au+Au collisions at  $\sqrt{s_{nn}} = 200$  GeV. *Physical Review Letters*, 92, 052302.

Adams, J., et al. [including Cherney, M., Gronstal, S., McShane, T. S., Seger, J., & Waggoner, W.]. (2003). Pion-kaon correlations in central Au+Au collisions at  $\sqrt{s_{nn}} = 130$  GeV. *Physical Review Letters*, 91, 262302.

Adams, J., et al. [including Cherney, M., Gronstal, S., McShane, T. S., Seger, J., & Waggoner, W.]. (2004). Rho-0 production and possible modification in Au+Au and p+p collisions at  $\sqrt{s_{nn}} = 200$  GeV. *Physical Review Letters*, 92, 092301.

Adams, J., et al. [including Cherney, M., McShane, T. S., Seger, J., & Waggoner, W.]. (2003). Strange anti-particle to particle ratios at mid-rapidity in  $\sqrt{s_{nn}} = 130$  GeV Au + Au collisions. *Physics Letters B*, 567, 167.

Adams, J., et al. [including Cherney, M., McShane, T. S., Seger, J., & Waggoner, W.]. (2003). Three-pion Hanbury Brown–Twiss correlations in relativistic heavy-ion collisions from the STAR experiment. *Physical Review Letters*, 91, 262301.

Adams, J., et al. [including Cherney, M., McShane, T. S., Seger, J., & Waggoner, W.]. (2004). Kaon production and kaon to pion ratio in Au + Au collisions at  $\sqrt{s_{nn}} = 130$  GeV. *Physics Letters B*, 595, 143.

Aizenberg, S. (2003). Overcoming fear and loathing of poetry: Some techniques for helping inexperienced readers. In *AWP Pedagogy Handbook*. Associated Writing Programs.

Aizenberg, S. (2004). [Critical commentary]. In H. L. Hix, *Wild and whirling words: A poetic conversation*. Etruscan Press.

Aizenberg, S. (2004). Meeting the angel [poem]. In H. L. Hix, *Wild and whirling words: A poetic conversation*. Etruscan Press.

Aizenberg, S. (2004). Scansion: A beginner's guide to analyzing metrical patterns. In *AWP Pedagogy Handbook*. Associated Writing Programs.

Aizenberg, S. (2004, October 26). [Review of B. Sholl, *Late psalm*]. *Dateline Creighton, KIOS Radio*, Omaha.

Aizenberg, S. (2004, November). Things that cannot be compared (Dissonance 1 ) [Poem]. *Blackbird*.

Anderson, D. K., & Harris, B. (2004). Demonstrating excellence through assessment: Measuring students' knowledge, values, and skills. *Journal of Vaccalaureate Social Work*, 9(2), 124-134.

Bergman, R. (2004). Caring for the ethical ideal: Nel Noddings on moral education. *Journal of Moral Education*, 33(2), 149-162.

Bergman, R. (2004). Identity as motivation: Toward a theory of the moral self. In D. Lapsley & D. Narvaez (Eds.), *Moral development, self, and identity* (pp. 21-46). Mahwah, NJ: Erlbaum.

Bhutani, K. R., Mordeson, J. N., & Rosenfeld, A. (2003). Properties of geodesics. *Proceedings of the JCIS 2003*, 206-209.

Bhutani, K. R., Mordeson, J. N., & Rosenfeld A. (2004). On degrees of end nodes and cut nodes in fuzzy graphs. *Iranian Journal of Fuzzy Systems*, 1, 57-64.

Bothmer, A. J., & LaCroix, M. J. (2004). Recruitment and retention at the Creighton University libraries. *Nebraska Library Association Quarterly*, 35(2), 11-13.

Braithwaite, D. O., McBride, M. C., & Schrodt, P. (2003). "Parent teams" and the everyday interactions of co-parenting in blended families. *Communication Reports*, 16, 93-111.

Bucher, G. S. (2003). Augustus re-examined. [Review of M. H. Dettenhofer, *Herrschaft und Widerstand im augusteischen Principat. Die Konkurrenz zwischen res publica und domus Augusta*, *Historia Einzelschriften* 140]. *Classical Review*, 53, 417-419.

Bucher, G. S. (2003). Classical literature for modern children: Books about the Roman World. [Review and discussion of M. Corbishley, *Growing up in ancient Rome*; R. Angeletti, *A journey through time . . . Vulca the Etruscan*. Text by B. Masini; P. Hicks, *Digging up the past: Pompeii and Herculaneum*; S. Biesty, *Rome in spectacular cross-section*. Text by A. Solway; P. Connolly & D. Hazel, *The ancient city: Life in classical Athens and Rome*]. *Michigan Reading Journal*, 36(1), 18-21.

Bucher, G. S. (2003). [Review of M. Dickerson, *Following Gandalf: Epic battles and moral victory in The Lord of the Rings*]. *Journal of Religion & Society* [On-line], 6. Available: <http://moses.creighton.edu/JRS/2004/2004-r3.html>

Bucher, G. S. (2003). [Review of S. Hornblower & A. Spawforth, *The Oxford classical dictionary* (3<sup>rd</sup> ed. rev.)]. *Bryn Mawr Classical Review* [On-line], 2003.11.15. Available: <http://ccat.sas.upenn.edu/bmcr/2003/2003-11-15.html>

Bucher, G. S. (2004). [Review of H.-F. Mueller, *Roman religion in Valerius Maximus*; D. R. Shackleton Bailey (Ed. & Trans.), *Valerius Maximus: Memorable doings and sayings, books I-V and books VI-IX*]. *New England Classical Journal*, 31(2), 186-189.

Bucher, G. S. (2004). [Review of L. F. Ball, *The Domus Aurea and the Roman architectural revolution*]. *Bryn Mawr Classical Review* [On-line], 2004.06.33. Available: <http://ccat.sas.upenn.edu/bmcr/2004/2004-06-33.html>

Bucko, R. (2003). Finding common ground, not fundamental opposition: Jesuits and interreligious dialogue. *National Jesuit News* [On-line], 23(1), 8. Available: [http://puffin.creighton.edu/jesuit/dialogue/documents/articles/njn\\_bucko.html](http://puffin.creighton.edu/jesuit/dialogue/documents/articles/njn_bucko.html)

Bucko, R. (2003). *Lakota Woskatapi: Lakota games* [On-line]. Available: <http://www.sfmission.org/museum/exhibits/games/woskate.shtml>

Bucko, R. (2003). Neihardt and Black Elk: Teachings becomes relationships, relationships become teachings. *Neihardt Journal*, 5, 5-9.

Bucko, R. (2003). [Review of B. R. Holloway, *Interpreting the legacy: John Neihardt and Black Elk speaks*]. *Anthropology & Humanism*, 28(2), 212-213.

Bucko, R. (2003). [Review of D. H. Bays & G. Wacker (Eds.), *The foreign missionary enterprise at home: Explorations in North American culture history*. *Choice*, 41(3), 581.

Bucko, R. (2003). [Review of L. Cebula, *Plateau Indians and the quest for spiritual power, 1700-1815*]. *Choice*, 41(5), 972.

Bucko, R. (2003). [Review of S. E. Feraca, *Wakinyan: Lakota religion in the twentieth century*; J. Rice, *Before the Great Spirit: The many faces of Sioux spirituality*]. *The Ethnic Studies Review*, 26(2).

Bucko, R. (2004). *Aids and anthropology comprehensive bibliography* [On-line]. Available: <http://puffin.creighton.edu/aarg/bibliography/>

Bucko, R. (2004). *Lakota Dakota comprehensive bibliography* [On-line]. Available: <http://puffin.creighton.edu/lakota/biblio.html>

Bucko, R. (Ed.). (2004). *Mission and interreligious dialogue* [On-line]. Available: <http://puffin.creighton.edu/jesuit/dialogue/>

Bucko, R. (2004). [Review of A. Makepeace (Dir.), *Coming to light: Edward S. Curtis and the North American Indians*]. *Anthropology Review Database* [On-line]. Available: <http://wings.buffalo.edu/ARD/showme.cgi?keycode=1521>

Bucko, R. (2004). [Review of C. Vecsey, M. T. Archambault, & M. Theil, *The crossing of two roads: Being Catholic and native in the United States*]. *Choice*, 41(10), 1897.

Bucko, R. (2004). [Review of J. Treat, *Around the sacred fire: Native religious activism in the Red Power era*]. *Theological Studies*, 65(2), 405-407.

Bucko, R. (2004). [Review of K. Shelton, *Lost borders: Coming of age in the wilderness*]. *Anthropology Review Database* [On-line]. Available: <http://wings.buffalo.edu/ARD/showme.cgi?keycode=1727>

Bucko, R. (2004). [Review of S. Hyland, *The Jesuit and the Incas: The extraordinary life of Padre Blas Valera, SJ*]. *Choice*, 41(10), 1941.

Bucko, R. (2004). [Review of T. W. Foley, *Father Francis Craft, missionary to the Sioux*]. *Ethnohistory*, 51(3), 655-357.

Bucko, R. (2004). Sweat lodge. In D. J. Wishart (Ed.), *Encyclopedia of the Great Plains* (pp. 758-759). Lincoln: University of Nebraska Press.

Bucko, R. (2004). *Use of Native religions by non-Indians dialogue pages* [On-line]. Available: <http://puffin.creighton.edu/lakota/war.html>

Bucko, R. (Ed.). (2004). *Waniyetu Yawapi: Lakota winter counts* [On-line]. Available: <http://www.sfmission.org/museum/exhibits/wintercounts/>

Bucko, R., & Brokenleg, M. (2004). Lakota Dakota information page [On-line]. Available: <http://puffin.creighton.edu/lakota/>

Bucko, R., & Hatcher, J. (2003). Principles of inculturation and the practice of Catholicism among the Lakota people of South Dakota. *Chicago Studies*, 42(3), 251-263.

Calvert, J. (Ed). (2004). Islam and modernity [Special issue]. *Historical Reflections [Reflexions Historiques]*, 30(3).

Calvert, J. (2004). Mythic foundations of radical Islam. *Orbis*, 48(1), 29-41.

Calvert, J. (2004). [Review of N. S. Yared, *Secularism and the Arab world*]. *International Journal of Middle East Studies*, 36, 131-132.

Calvert, J. (2004). Sayyid Qutb and the power of political myth: Insights from Sorel. *Historical Reflections [Reflexions Historiques]*, 30(3), 509-528.

Calvert, J. (2004, Winter). Iraq déjà vu. *Creighton University Magazine*, 30-35.

Calvert, J., & Fadl, K. A. (Eds.). (2004). *Introducing Islam: Islamic fundamentalism*. Broomhall, PA: Mason Crest Publishers.

Calvert, J., & Shepard, W. (2004). *Sayyid Qutb, a child from the village*. Syracuse, NY: University Press.

Carlson, J. W. (2004). [Review of D. Ruel Foster & J. W. Koterski, SJ (Eds.), *The two wings of Catholic thought: Essays on fides et ratio*]. *Theological Studies*, 678.

Catherwood, M. (2003, Spring). About bluing [Essay]. *Plainsongs*, 23(3), 6.

Catherwood, M. (2003, Fall). About Friday night rabbit fry [Essay]. *Plainsongs*, 24(1), 4.

Catherwood, M. (2003, Fall). Cheese [Poem]. *Swank Writing* [On-line]. Available: [http://www.swankwriting.com/NewFiles/archived\\_words.html](http://www.swankwriting.com/NewFiles/archived_words.html)

Catherwood, M. (2004, February). Those strangers next to you [Poem]. *Red River Review* [On-line]. Available: <http://www.redriverreview.com/A55656/RRR.nsf/February04?openview&count=100>

Catherwood, M. (2004, Spring). The last poem [Poem]. *Brick & Mortar Review* [On-line]. Available: [www.bmreview.com](http://www.bmreview.com)

Cherney, I. D. (2003). The use of technology in psychology: Examples from an introductory psychology and statistics class. In C. Spirou (Ed.) *Technology in teaching and learning in higher education* (pp. 31-35). Chicago: National-Louis University Press.

Cherney, I. D., Lawrence, E., Carroll, A., Leak, K., Kalar, J., Neff, N., Stein, A., & Voss, J. (2004). The nature of nurture and gender. *Journal of Psychological Inquiry*, 9, 46-49.

Cherney, I. D., & Neff, N. L. (2004). Role of strategies and prior exposure in mental rotation. *Perceptual & Motor Skills*, 98, 1269-1282.

- Chiwengo, N. (2003). Movements of hope, movements of horror: Home in the global world. *Zimbabwe International Book Fair ZIBF Proceedings of the Indaba 2003*. Harare, Zimbabwe: ZIBF, 83-98.
- Chiwengo, N. (2003). Otherness and female identities: Simone de Beauvoir's *Second Sex*. Special Issue on Simone de Beauvoir. *The American Society for Philosophy in the French Language Bulletin*, 12(1), 192-198.
- Chiwengo, N. (2004). As I stand among and against words. *Contours: A Journal of the African Diaspora*, 2(1), 83-812.
- Clark, C. (2003). Minos' touch and Theseus' glare: Gestures in *Bakkhylides 17*. *Harvard Studies in Classical Philology*, 101, 129-153.
- Clark, C. (2004). Timeless tales: Classics books for children. *Michigan Reading Journal*, 36(3), 58-68.
- Clark, T. D. (2004). [Review of E. Shiraev & V. Shlapentokh (Eds.), *Fears in post-Communist societies: A comparative perspective*]. *Canadian American Slavic Studies*, 38(4), 485-486.
- Clark, T. D. (2004, March). [Review of T. Bjorkman, *Russia's road to deeper democracy*]. *Choice*.
- Clark, T. D. (2004, June). [Review of P. Kola, *The myth of greater Albania*]. *Choice*.
- Clark, T. D., & Verseckaitė, E. (2004, March). 'PaksasGate': Lithuania again leads the way. *European Rim & Policy Investment Council* [On-line]. Available: <http://www.erpic.org/perihelion/wps.htm#1>
- Danielson, M. A. (2004). [Review of A. P. Bochner & C. Ellis (Eds.), *Ethnographically speaking: Autoethnography, literature, and aesthetics*]. *Communication Research Trends*, 23, 25-27.
- Danielson, M. A., & Davies, J. (Eds.). (2004). *2001-2002 Proceedings of the Association of Jesuit Colleges and Universities' Communication Conference*. Omaha, NE: Creighton University.
- Dawson L. A., Grayston, S. J., Murray, P. J., Cook, R., Gange, A. C., Ross, J., Pratt, S., Duff, E., & Treonis, A. M. (2003). Influence of pasture management (nitrogen and lime addition and insecticide treatment) on soil organisms and pasture root system dynamics in the field. *Plant & Soil*, 255, 121-130.
- Dawson, L. A., Grayston, S. J., Murray, P. J., Ross, J. M., Reid, E. J., & Treonis, A. M. (2004). Impact of *Tipula paludosa* larvae on plant growth and the soil microbial community. *Applied Soil Ecology*, 25, 51-61.
- Deckman, M. M., Crawford, S. E. S., Olson, L. R., & Green, J. C. (2003). Clergy and the politics of gender: Women and political opportunity in mainline Protestant churches. *Journal for the Scientific Study of Religion*, 42, 621-632.

Dickel, C. T., Ishii-Jordan, S., & Foster, M. S. (2004). Using self-reporting surveys to assess technology skills: Planning curriculum and assessment for PC and PPC skills. *Proceedings of the 16th Annual Ed-Media 2004 World Conference on Educational Multimedia, Hypermedia, and Telecommunications, Lugano, Switzerland*.

Dilly, B. J. (2003). Gender, culture, and ecotourism: Development policies and practices in the Guyanese rain forest. In F. Vavrus & L. A. Richey (Eds.), *Women and development: Rethinking policy and reconceptualizing practice* (pp. 58-75). *Women's Studies Quarterly*, 31(3 &4). New York: The Feminist Press.

Dilly, B. J. (2004, Summer). [Review of J. Schmeal, *Patchwork: Iowa quilts and quilters*]. *Annals of Iowa*, 127-128.

Durow, W. P., & Brock, B. L. (2004). The retention and attrition of Catholic school principals. *Catholic Education: A Journal of Inquiry & Practice*, 8(2), 194-205.

Eckerson, J. M., & Bockman, C. S. (2004). Inflammatory myopathies. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* (pp. 1-10). London: Elsevier Science, Inc.

Eckerson, J. M., & Bockman, C. S. (2004). Myalgia. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* (pp. 11-21). London: Elsevier Science, Inc.

Fajardo-Acosta, F. (2004). Egypt: The seasons of the Nile — Pyramids, tombs, and hieroglyphics. In M. Rooks (Ed.), *Resources for teaching the Bedford anthology of world literature, package A* (pp. 23-43). Boston: Bedford/St. Martins.

Fleming, J. (2003). Preserving, investigating, and learning from our past. *Josephinum Journal of Theology*, 10, 230-238.

Fleming, J. (2004). The right to reputation and the preferential option for the poor. *Journal of the Society of Christian Ethics*, 24, 73-87.

Freitag, M. A., Hillman, B., Agrawal, A., & Gordon, M. S. (2004). Predicting shielding constants in solution using Gauge Invariant Atomic Orbital theory and the Effective Fragment Potential method. *Journal of Chemical Physics*, 120(3), 1197-1202.

Gardiner, D. (2004). *The Maunsel poets, 1905-1926*. Dublin, Ireland & Bethesda, MD: Academica/Maunsel Press.

Gardiner, D. (2004). The other Irish renaissance: The Maunsel poets. *New Hibernia Review/Iris Éireannach Nua*, 8 (1), 54-79.

Gardiner, D. (2004). Unsentimental prophecy: John Montague and *The Dolmen miscellany* (1962). In T. Dillon Redshaw (Ed.), *Well dreams: Essays on John Montague* (pp. 63-81). Omaha: Creighton University Press.

- Gleason, J., Ault, J., & Riley, L. (2003, November). Information and decision technologies in urban neighborhood redevelopment. In *Proceedings of the 8<sup>th</sup> International Conference on Industrial Engineering Theory, Applications, and Practice* (pp. 527-532). Las Vegas, NV.
- Gong, G., Haynatzki, G., Deng, H. W., Recker, R. R., Mordeson, J., Cheng, S. C., & Fong, N. (2003). Fine mapping of susceptibility genes by Lewontin's linkage disequilibrium measure with application to Alzheimer's disease. *Chinese Medical Journal (Engl)*, 115, 1233-1240.
- Hamm, D. (2003). The mission has a church: Spirit, world, and church in Luke — Acts. In B. E. Hinze (ed.), *The Spirit in the church and the world* (pp. 68-80). Maryknoll, New York: Orbis.
- Hamm, D. (2003). [Review of A. R. Kerr, *The temple of Jesus' body: The temple theme in the Gospel of John*]. *Theological Studies*, 64, 836-837.
- Hamm, D. (2003). [Review of C. A. Rollston (Ed.), *The Gospels according to Michael Coulter: A North American response*]. *Catholic Biblical Quarterly*, 65(3), 493-494.
- Hamm, D. (2004). Are the Gospel Passion accounts anti-Jewish? *Journal of Religion & Society* [Online], 6. Available: <http://moses.creighton.edu/JRS/2004/2004-9.html>
- Harmless, W. (2004). *Bibliographies for theology* [On-line]. Available: [http://moses.creighton.edu/harmless/bibliographies\\_for\\_theology/index.htm](http://moses.creighton.edu/harmless/bibliographies_for_theology/index.htm)
- Harmless, W. (2004). *Desert Christians: An introduction to the literature of early monasticism*. New York: Oxford University Press.
- Harmless, W. (2004). [Review of J. M. Laboa (Ed.), *The historical atlas of Eastern and Western Christian monasticism*]. *Journal of Early Christian Studies*, 12(2), 258-259.
- Harmless, W. (2004). [Review of R. E. Sinkewicz, *Evagrius of Pontus: The Greek ascetic corpus*]. *The Way*, 43(3), 131-133.
- Harmless, W. (2004). The voice and the word: Augustine's catechumenate in light of the Dolbeau sermons. *Augustinian Studies*, 35(1), 17-42.
- Harter, L. M., & Kirby, E. L. (2004). Socializing medical students in an era of managed care: The ideological significance of standardized and virtual patients. *Communication Studies*, 55, 48-67.
- Harter, L. M., Kirby, E. L., Hatfield, K. L. & Kuhlman, K. (2004). From spectators of public affairs to agents of social change: Engaging students in the basic course through service-learning. In B. S. Titsworth (Ed.), *Basic course communication annual 16* (pp. 165-194). Boston: American Press.
- Hauser, R. J. (2004, February 16). Walking the walk. [Review of E. Kennedy, *Cardinal Bernardin's Stations of the Cross: Transforming our grief and loss into new life*]. *America*, 20-21.
- Houtz, L. E., Kosoko-Lasaki, O., Zardetto-Smith, A., Mu, K., & Royeen, C. (2004). Teacher education professionals as partners in health science outreach. *Journal of Allied Health*, 33(3).

Huss, M. T., & Zeiss, R. A. (2004). Clinical assessment of violence from inpatient records: A comparison of individual and aggregate decision making across risk strategies. *International Journal of Forensic Mental Health Services*, 3, 37-45.

Keegan, B. (2003). John Clare's rivers. *The Wordsworth Circle*, 34(3), 134-137.

Keegan, B. (2003). Teaching like an urn. "Ode on a Grecian urn": Hypercanonicity and pedagogy. *Romantic Circles Praxis Series* [Special ed., on-line]. Available: <http://www.rc.umd.edu/praxis/grecianurn/contributorsessays/grecianurnkeegan.html>

Keegan, B. (2003, Fall). The value of visiting: The invisible work of chairing. *The Department Chair Newsletter*, 14, 1-3.

Kelly, T. M. (2003, Spring). [Review of R. Gaillardetz, *A daring promise: A spirituality of Christian marriage*]. *Spiritus: A Journal of Christian Spirituality*.

Kelly, T. M. (2003, September). [Review for publication, A. Inman, *Evidence and transcendence: Religious epistemology and the God-world relationship*]. University of Notre Dame Press.

Kelly, T. M. (2004). Love of neighbor in Karl Rahner's *Anthropology: Implications for a theology of marriage* [INTAMS review]. *Journal of the International Academy of Marital Spirituality*, 10(1).

Kelly, T. M. (2004). [Review of D. Tombs, *Latin American liberation theology*]. *Theological Studies*.

Kelly, T. M. (2004, February). [Review for publication, *Family and religious institutions: Tensions and perspectives*]. *INTAMS Review*.

Kelly, T. M. (2004, February). [Review for publication, *Is the Catholic Church ready for another reformation?*]. *Journal of Religion & Society*.

Kelly, T. M. (2004, April). [Review for publication, *The bubbles or the boiling pot? A proposal for an ecosystemic model of culture*]. *International Journal of the Humanities*

Kelly, T. M. (2004, April). [Review for publication, *Church and state in Utah: Local newspaper coverage of the LDS (Mormon) Church and political actors over a First Amendment controversy*]. *Religion & Media Interest Group, AEJMC*.

Kelly, T. M. (2004, April). [Review for publication, *Dueling Southern Baptist press agencies: An examination of coverage of denominational controversies by Baptist press and associated Baptist press*]. *Religion & Media Interest Group, AEJMC*.

Kelly, T. M. (2004, April). [Review for publication, *Found bearings, destination lost: The impact of the Luther-Galileo paradigm shift on world history*]. *International Journal of the Humanities*.

Kelly, T. M. (2004, April). [Review for publication, *Geopolitical imaginations about Mormons in news and popular magazines*]. *Religion & Media Interest Group, AEJMC*.

Kelly, T. M. (2004, June). [Review for publication, D. Gelpi., *Encountering Jesus Christ: Rethinking Christological faith and commitment*]. University of Notre Dame Press.

Kielniarz, M. [Performer, harpsichord]. (2003). Encore! Music for harpsichord. Music of Byrd, Couperin, Kuhnau, Purcell, Telemann, Zipoli. Trinity Episcopal Cathedral: Concerts.

Kielniarz, M. [Performer, harpsichord]. (2003). Omaha Symphony Orchestra: Music of J. S. Bach. Omaha, NE: Masterworks Series Concerts.

Langhinrichsen-Rohling, J., Shlien, R., Huss, M. T., & Kramer, V. (2004). Attributions about perpetrators and victims of interpersonal abuse: Results from an analogue study. *Journal of Interpersonal Violence, 19*, 484-498.

Lawler, M. G. (2003). Marriage: Covenant and sacrament. In M. Barnes & W. Roberts, *A sacramental life: A Festschrift honoring Bernard Cooke* (pp. 137-156). Milwaukee: Marquette University Press.

Lawler, M. G. (2003). Problematic issues in the early years of marriage: Content for premarital education. *Journal of Psychology & Theology, 31*, 253-269.

Lawler, M. G. (2004). Being Christ-ian and the service of love and justice. *Liturgical Ministry, 13*, 10-22.

Lawler, M. G. (2004). Cohabitation: Past and present reality. *Theological Studies, 65*, 623-629.

Lawler, M. G. (2004). Sectarian Catholicism and Mel Gibson. *Journal of Religion & Society, 6*.

Lawler, M. G. (2004, January). Theology and sociology: Correlations. *Proceedings, Hawaii International Conference on the Humanities*.

Lawler, M. G. (2004, Fall). Marriage in America. *Creighton University Magazine, 30-33*.

Maciejewski, J. J. (2004). Is the use of sexual and fear appeals ethical? A moral evaluation by generation Y college students. *Journal of Current Issues & Research in Advertising, 26*(2), 97-105.

Malina, B. J. (2003). Jesus people: Scholars search for the early Church. *Christian Century, 120*(15), 28-31.

Malina, B. J. (2003). Mestizaje y normas de pureza. La abominación del mestizaje. *Reseña Bíblica, 4*, 5-13.

Malina, B. J. (2004). Embedded economics: The irrelevance of Christian fictive domestic economy. In P. Oslington (Ed.), *The international library of critical writings in economics: Economics and religion* (vol. 1, pp. 26-45). Camberley, England/Northampton, MA: Edward Elgar Publ.

Malina, B. J. (2004). [Review of E. Estévez López, *El poder de una mujer creyente: Cuerpo, identidad y discipulado en Mc 5,24b-34. Un estudio desde las ciencias sociales*]. *Catholic Biblical Quarterly, 66*, 319-320.

- Malina, B. J. (2004). [Review of G. Schimanowski, *Die himmlische Liturgie in der Apokalypse des Johannes. Die frühjüdischen Traditionen in Offenbarung 4-5 unter Einschluss der Hekhalotliteratur*]. *Theological Studies*, 65, 385-386.
- Malina, B. J. (2004). [Review of M. Marino, *Custodire la parola: Il verbo τηρεῖν nell'Apocalisse all luce della tradizione giovannea*]. *Catholic Biblical Quarterly*, 66, 152-53.
- Mathews, P. (2003). That which exceeds. *The Dostoevsky Journal: An Independent Review*, 3-4, 67-78.
- Mathews, P. (2004). Music in his own image: The Aphex twin face. *Nebula* [On-line], 1, 65-73. Available: <http://www.nobleworld.biz/pages/4/index.htm>
- Mattson, B., Fujita, J., Catahan, R., Cheng, C., Greimann, J., Hoette, T., Khandhar, P., Mattson, A., Rajani, A., Sullivan, P., & Perkins, R. (2003). Demonstrating heterogeneous gas phase catalysis with the gas reaction catalyst tube. *Journal of Chemical Education*, 80, 768-773.
- Mattson, B., & Pottebaum, D. (2004, February). Microscale gas chemistry, part 25. Mystery gas. *Chem13 News*, 318, 10-11.
- Mattson, B., & Saunders, E. (2003, September). Microscale gas chemistry, part 24. Percent composition of calcium carbonate in Tums. A chemistry laboratory experiment. *Chem13 News*, 313.
- McDonnell, S. E., & Treonis, A. M. (2004). A survey of antibiotic resistance among coliform bacteria isolated from the Missouri River. *Transactions of the Nebraska Academy of Sciences*, 29, 1-5.
- Metwalli, E., Karabulut, M., Sidebottom, D. L., Morsi, M. M., & Brow, R. K. (2004). Properties and structure of copper ultraphosphate glasses. *Journal of Non-crystalline Solids*, 344(3), 128-134.
- Mo, Y., Dobberphul, D., & Dash, A. K. (2003). A simple HPLC method with pulsed EC detection for the analysis of creatine. *Journal of Pharmaceutical & Biomedical Analysis*, 32, 125-132.
- Moorman, R. H., & Danielson, M. A. (2004, Summer). What do followers expect from leaders: And why do leaders need to know this? *Creighton Magazine*, 32-26.
- Mordeson, J. N. (2003). Differentiation of fuzzy functions. *Journal of Fuzzy Mathematics*, 11, 967-985.
- Morgan, J. M., & Kirby, E. L. (2004). Performing and resisting scripts of servitude to illustrate critical theory. *Communication Teacher*, 18, 82-86.
- Phelps, C. L., Willcockson, I., & Houtz, L. E. (2004, April). Snail tales. *The Science Teacher*. National Science Teachers Association.
- Platz, J. E. (2004). [Review of G. Kohler, *Reptiles of Central America*]. *Choice*, 41, 5913.

- Platz, J. E. (2004). [Review of *Virtual frog dissection kit* [On-line]]. Available: <http://www-itg.lbl.gov/ITG.hm.pq.docs/dissect/>. *Choice*, 41, 3450.
- Platz, J. E., & Grudzien, T. A. (2003). Limited genetic heterozygosity and status of two populations of the Ramsey Canyon leopard frog: *Rana subaquavocalis*. *Journal of Herpetology*, 37, 758-761.
- Reidelberger, R. D., Castellanos, D. A., & Hulce, M. (2003). Effects of peripheral CCK receptor blockade on food intake in rats. *American Journal of Physiology-Regulatory, Integrative & Comparative Physiology*, 285, R429-R437.
- Reidelberger, R. D., Hernandez, J., Fritsch, B., & Hulce, M. (2004). Abdominal vagal mediation of the satiety effects of CCK in rats. *American Journal of Physiology-Regulatory, Integrative & Comparative Physiology*, 286, R1005-R1012.
- Roddy, N. (2003). A Romanian moral tale. *Clouds Magazine* (formerly *Revista Norii*) [On-line], 15. Available: <http://www.cloudsmagazine.com>
- Roddy, N. (2003). The story of the brave man who encountered death [Translated from Romanian]. *Clouds Magazine* (formerly *Revista Norii*) [On-line], 15. Available: <http://www.cloudsmagazine.com>
- Roddy, N. (2003). Ultimate reflections, infinite refractions: Form and function in the elusive genre of testamentary literature. *Studia Hebraica*, 3, 298-310.
- Roddy, N. (2004). Antichrist at Bethsaida. In R. Arav & R. A. Freund (Eds.), *Bethsaida: A city by the north shore of the Sea of Galilee* (vol. 3, pp. 273-294). Kirksville, MO: Truman State University Press.
- Roddy, N. (2004). [Critical review of M. Whitters, *The Epistle of Second Baruch: A study in form and message*]. *Catholic Biblical Quarterly*, 66(2), 334-335.
- Roddy, N. (2004). [Critical review of P. Tarazi, *The Old Testament introduction: Historical traditions*]. *St. Vladimir's Theological Quarterly*, 48(4).
- Salzman, T. A. (2003). Communion ecclesiology: Friendship as a model of communication within the church. In L. Boeve & J. Haers (Eds.), *Theology and conversation: Developing a relational theology* (pp. 531-46). Leuven: Peeters Press.
- Salzman, T. A. (2003). *What are they saying about Roman Catholic ethical method?* Mahwah, NJ: Paulist Press.
- Salzman, T. A. (2004). Natural law: Particular to someone everywhere. In J. Keating (Ed.), *Christian living: Fundamental issues and new directions in moral theology*. New York/Mahwah, NJ: Paulist Press.
- Shuler, S. (2003). Breaking through the glass ceiling without breaking a nail: Women executives in *Fortune Magazine's* "Power 50" list. *American Communication Journal* [On-line], 6(2). Available: <http://www.acjournal.org/holdings/vol6/iss2/index.htm>

Shuler, S. (2003). Rethinking feminist rethinkings of organizational communication. [Review of *Rethinking organizational and managerial communication from feminist perspectives*]. *Review of Communication*, 3(4), 447-450.

Smidt, C. E., Crawford, S. E. S., Deckman, M. M., Gray, D., Hofrenning, D. J. B., Olson, L. R., Steiner, S., & Weston, B. (2003). The political attitudes and activities of mainline Protestant clergy in the election of 2000: A study of six denominations. *Journal for the Scientific Study of Religion*, 42, 5-532.

Soukup, J. K., & Soukup, G. A. (2004). Riboswitches exert genetic control through metabolite-induced conformational change. *Current Opinion in Structural Biology*, 14, 344-349.

Spencer, B. (2003). Save or turn to stone [Short story]. In S. Clark & M. Saiser (Eds.), *Road trip: Conversations with writers*. Backwaters Press.

Spencer, B. (2004, January 29). The tyrant's tales [Short story]. *McSweeney's* [On-line]. Available: <http://www.mcsweeney.net/2004/1/29spencer.html>

Spencer, B., & Agee, J. (2004). *Wheels of fire* [Screenplay]. Concorde-New Horizons Productions.

Stafford, B. A. (2004). Englishing the rogue, 'translating' the Irish: Fantasies of incorporation and early modern English national identity. In C. Dionne & S. Mentz (Eds.), *Rogues and early modern English culture* (pp. 312-336). Ann Arbor: University of Michigan Press.

Stefaniak, M. H. (2003). Now there is a miracle and don't matter what. *The Iowa Source*, 20(11), 9.

Stefaniak, M. H. (2003). Positively 4th Street. In B. Bradway (Ed.), *In the middle of the Middle West: An anthology of creative non-fiction* (pp. 253-261). Bloomington: Indiana University Press.

Stefaniak, M. H. (2004). Believing Marina (pp. 293-304). In L. Randolph (Ed.), *A different plain*. Lincoln: University of Nebraska Press.

Stefaniak, M. H. (2004). *The Turk and my mother*. A novel. New York: W. W. Norton & Company.

Stephens, W. O. (2003). Five arguments for vegetarianism [Abridged]. In S. J. Armstrong & R. G. Botzler, *The animal ethics reader* (pp. 201-208). London & New York: Routledge.

Stephens, W. O. (2003). [Review of B. Wehner, *Die Funktion der Dialogstruktur in Epiktets Diatriben*; A. A. Long, *Epictetus: A Stoic and Socratic guide to life*]. *Ancient Philosophy*, 23(2), 472-481.

Stephens, W. O. (2003). Stoic ethics. In *The Internet encyclopedia of philosophy* [On-line]. Available: <http://www.utm.edu/research/iep/s/StoicEth.htm>

Tierney, B. J., Ho, T., Reedy, M. V., & Brauer, P. R. (2004). Homocysteine inhibits cardiac neural crest cell formation and morphogenesis *in vivo*. *Developmental Dynamics*, 229, 63-73.

- Treonis, A. M., Ostle, N. J., Stott, A. W., Primrose, R., Grayston, S. J., & Ineson, P. (2004). Identification of metabolically-active rhizosphere microorganisms by stable isotope probing of PLFAs. *Soil Biology & Biochemistry*, 36, 533-537.
- Vasiloff, B. C. (2003). *Teaching self-discipline to children: 15 essential skills*. Mystic, CT: Twenty-Third Publications. Available: <http://www.selfdisciplinedwp.com>
- Whipple, R. (Ed.). (2004). *Essays on the literature of American novelist John. P. Marquand (1893-1960)*. Lewiston, NY: Mellen.
- Whipple, R., & Dornsife, R. (2004). So much, so far, so what? Gauging progress in the technical transformation of writing instruction. *Kairos* [On-line], 9.1. Available: <http://english.ttu.edu/kairos/>
- Williams, L., & Lawler, M. G. (2003). Marital satisfaction and religious heterogamy: A comparison of interchurch and same church individuals. *Journal of Family Issues*, 24, 1070-1092.
- Wirth, E. (2004). Catholic identity remains a public relations asset. *Journal of School Public Relations*, 25(1), 47-59.
- Wirth, E. (2004). Communication tactics, tips and tools for Catholic education boards. Washington DC: National Catholic Educational Association.
- Wright, W. M. (2003). Caussade, Jean Pierre. In K. Beasley Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.
- Wright, W. M. (2003). Direction, spiritual. In K. Beasley Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.
- Wright, W. M. (2003). Francis de Sales. In K. Beasley Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.
- Wright, W. M. (2003). The freedom of the children of God: Notes on spiritual poverty. *Weavings*, 18(6), 15-25.
- Wright, W. M. (2003). Holy Week and Easter Sunday (pp. 80-98). In *Small world: The CAFOD/DLT Lent book 2004*.
- Wright, W. M. (2003). Lawrence of the Resurrection. In K. Beasley Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.
- Wright, W. M. (2003). Sacred Heart. In K. Beasley Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.
- Wright, W. M. (2003). Seeking God's will together: Discernment in the Salesian world of hearts. *Monograph of June 2003 Keynote Address, Convocation of the Wilmington- Philadelphia Province of the Oblates of Saint Francis de Sales*.

Wright, W. M. (2003). Seton, Elizabeth Ann. In K. Beasley Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.

Wright, W. M. (2003). Tears, spiritual. In K. Beasley Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.

Wright, W. M. (2003). *The vigil: Keeping watch in the season of Christ's coming*. London: Darton, Longman, Todd [UK Ed.].

Wright, W. M. (2003). Vincent de Paul. In K. Beasley Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.

Wright, W. M. (2004). Be gentle. *Weavings*, 19(4), 6-17.

Wright, W. M. (2004). For everything its season: A meditation across time. *Family Ministry*, 18(2), 48-89.

Wright, W. M. (2004). *Heart speaks to heart: The Salesian tradition*. London: Darton, Longman, Todd.[UK Ed.]; Maryknoll, NY: Orbis.[U.S. Ed.].

Wright, W. M. (2004). Mom, Stevie's looking out of my car window!: The spiritual life in the midst of it all. *Family Ministry*, 18(2), 42-47.

Wright, W. M., & O'Connor, R. (2004). 'Just as I am': A spirituality for disciples. *Pastoral Musician*, 28(2), 35-40.

---

## BUSINESS ADMINISTRATION

Abrams, J. (2003). Pragmatism, artificial intelligence, and posthuman bioethics: Shusterman, Rorty, Foucault. *Human Studies: A Journal of Philosophy & Social Science*.

Abrams, J. J. (2004). The relation between art and voyeurism in the films of Woody Allen. In M. T. Conrad & A. J. Skoble (Eds.), *Woody Allen and Philosophy*. Chicago: Open Court Press.

Bushell, B., Dangol, P., Kracher, B., & Lyons, B. (2003). CEWA: An international interdisciplinary, educational, environmental partnership. *Interdisciplinary Environmental Review*, 5(2), 162-169.

Chen, L. D., Gillenson, M. L., & Sherrell, D. L. (2004). Consumer acceptance of virtual stores: A theoretical model and critical success factors. *Data Base*, 35(2), 8-31.

Chen, L. D., Haney, S., Pandzik, A., Spareglli, J., & Jesseman, C. (2003). Small business Internet commerce: A case study. *Information Resource Management Journal*, 16(3), 17-41.

- Chen, L. D., & Tan, J. (2004). Key determinants of consumer acceptance of virtual stores: Some empirical evidence. *European Management Journal*, 22(1), 74-86.
- Fargher, N., Carson, E., Taylor, M., & Simon, D. (2004, March). A note on audit fees and market segmentation — Further evidence on how client size matters within the context. *The International Journal of Auditing*, 127-133.
- Flinn, R. (2003). Forensic news. *Journal of Forensic Accounting*, 4(2), 331-336.
- Gleason, J., Ault, J., & Riley, L. (2003, November). Information and decision technologies in urban neighborhood redevelopment. In *Proceedings of the 8<sup>th</sup> International Conference on Industrial Engineering Theory, Applications, & Practice* (pp. 527-532). Las Vegas, NV.
- Flinn, R. (2003). Home office deduction for employees: Interaction of the principal place of business test and the convenience of the employee test. *Taxes*, 81, 39-50.
- Goss, E., & Gupta, U. (2004). Women and the Internet: Is there an economic payoff? *Communications of the Association for Computing Machinery*, 46(9), 160-166.
- Goss, E., & Torau, M. (2004). The impact of foreign capital on state economic growth. *Economic Development Quarterly*, 18(3), 255-268.
- Im, S., & Workman Jr., J. P. (2004). Market orientation, creativity, and new product performance in high-technology firms. *Journal of Marketing*, 68(2), 114-132.
- Jenkins, C., Corritore, C., & Wiedenbeck, S. (2003). The effect of expertise in web searching. Human-computer interaction: Theory & practice (Part 1). In J. Jacks & C. Stephanidis (Eds.), *Proceedings of the International Conference of Human-Computer Interaction* (pp. 778-782). London: Lawrence-Erlbaum
- Jordan, B., Jorgensen, R., & Smolira, J. (2003/2004). The performance of mutual funds that close to new investors. *Journal of Investment Consulting*, 6(2), 47-57.
- Jorgensen, R., & Wingender, J. (2004). A survey on the dissemination of earnings information by large firms. *Journal of Applied Corporate Finance*, 14(1), 77-84.
- Kohllari, R., Pettengill, G., & Wingender, J. R. (Summer/Autumn 2003). Arbitrage, institutional investors and the Monday effect. *Quarterly Journal of Business & Economics*, 42(3 & 4, Special).
- Kracher, B., & Bushell, B. (2003). Who's driving the bus on the road to sustainable development? *Interdisciplinary Environmental Review*, 5(2), 142-146.
- Kracher, B., & Corritore, C. (2004). Is there a special e-commerce ethics? *Business Ethics Quarterly*, 14(1), 71-94.
- Luo, Y., & Tan, J. (2003). Structuring international joint ventures: How should contractual design be aligned with environmental conditions? *Management International Review*, 43(2), 185-211.

- Marble, R. P. (2004). Technological switchbacks: The transition to Western information systems in privatized firms of the former East Germany. *European Journal of Information Systems*, 13(2), 115-132.
- Moorman, R., & Wells, D. (2003). Can electronic performance monitoring be fair? Exploring relationships among monitoring characteristics, perceived fairness, and job performance. *Journal of Leadership & Organizational Studies*, 10, 2-16.
- Moorman, R. H., & Danielson, M. A. (2004, Summer). What do followers expect from leaders: And why do leaders need to know this? *Creighton Magazine*, 32-26.
- Murthy, N. R. V., & Nath, R. (2003). Investment in information technology capital and income inequality in the United States: An empirical analysis. *Indian Journal of Economics & Business*, 2(2), 181-191.
- Nath, R. & Murthy, N. R. V. (2003). An examination of the relationship between digital divide and economic freedom: An international perspective. *Journal of International Technology & Information Management*, 12(1), 15-23.
- Nitsch, T. O. (2004). The collapse of the Soviet economy and the triumph of capitalism: Marxian visions and papal sentiments. *American Review of Political Economy*, 2(1), 30-57.
- Palmer, S. C., & McNary, G. W. (2004). Is Affirmative Action a sound educational policy? *Proceedings of the Midwest Academy of Legal Studies in Business*, 46-55.
- Peng, M., Tan, J., & Tong, T. (2004). Does ownership type matter in transitional economies: A strategic group perspective. *Journal of Management Studies*, 41(7), 1105-1129.
- Purcell, T. (Ed.). (2003). DC currents column. *The Tax Adviser*, 34, 497-498.
- Purcell, T. (Ed.). (2003). DC currents column. *The Tax Adviser*, 34, 693-694.
- Purcell, T. (Ed.). (2003, Summer). Important developments, affiliated and related corporations. *Tax Lawyer*, 56.
- Purcell, T. (Ed.). (2004). DC currents column. *The Tax Adviser*, 35, 106-107.
- Purcell, T. (Ed.). (2004). DC currents column. *The Tax Adviser*, 35, 304-305.
- Purcell, T., & Lifson, D. (2003). Tax services after Sarbanes-Oxley. *Journal of Accountancy*, 196(5), 32-37.
- Singleton, J. C., & Wingender, J. R. (Summer/Autumn 2003). The Monday effect: A disaggregation analysis. *Quarterly Journal of Business & Economics*, 42(3 & 4, Special).
- Soliman, K. S., Chen, L., & Frolick, M. N. (2003). ASPs: Do they work? *Information Systems Management*, 20(4), 50-57.

- Tan, J. (2003). Curvilinear relationship between organizational slack and firm performance: Evidence from Chinese state enterprises. *European Management Journal*, 21(6), 740-749.
- Tan, J., & Peng, M. (2003). Organizational slack and firm performance during economic transitions: Two studies from an emerging economy. *Strategic Management Journal*, 24, 1249-1263.
- Tan, J., & Peng, M. (2004). Erratum: Organizational slack and firm performance during economic transitions: Two studies from an emerging economy. *Strategic Management Journal*, 25, 307.
- Tan, J., & Tan, D. (2003). Maximizing short term-gain or long-term potential: Entry, growth, and exit strategies of Chinese technology start-up. *Journal of Management Inquiry*, 13(1), 1-7.
- Tan, J., & Tan, D. (2003). Transformation of organizational environment and strategies: A longitudinal study of Chinese SOEs. *Academy of Management Best Paper Proceeding*.
- Tan, J., & Tan, D. (2004). A dynamic view of organizational transformation: The changing face of Chinese SOEs under transition. *Journal of Leadership & Organization Studies*, 10(2), 98-112.
- Taylor, M. H. (2004). Stemming the tide: Proactive fraud prevention fundamentals for healthcare policy makers. *New Perspectives on Healthcare Auditing*, 23, 27-31.
- Taylor, M. H., DeZoort, T., Thomas, M., & Munn, E. (2003). A proposed framework emphasizing auditor reliability over auditor independence. *Accounting Horizons*, 17, 257-266.
- Thomas, C., Corritore, C., Kracher, B., & Wiedenbeck, S. (2003). Development and validation of a tool for measuring online trust. *Human-computer interaction: Theory & practice* (part 1). In J. Jacks & C. Stephanidis (Eds.), *Proceedings of the international conference of human-computer interaction* (pp. 778-782). London: Lawrence-Erlbaum
- Wang, K., & Taylor, M. H. (2004, March). The effects of economic incentives and uncertainty regarding the appropriateness of an accounting treatment on auditor objectivity. *Oil, Gas & Energy Quarterly*, 557-581.
- Wells, D., & Moorman, R. (2004). The relationship of perceived EPM purpose to perceptions of fairness, job satisfaction, and organizational commitment. *Proceedings of the 2004 Midwest Academy of Management Meetings* [On-line], Minneapolis, MN. Available: <http://cobacourses.creighton.edu/MAM/2004/Wells-OBPROC-108.doc>

---

◆

## DENTISTRY

- Barkmeier, W. W., Latta, M. A., Erickson, R. L., & Lambrechts, P. (2004). Comparison of laboratory and clinical wear rates of resin composites. *Quintessence International*, 35(4), 269-274.

Cerutis, R., Mattson, J. S., McVaney, T. P., Huebner, G. R., Jabro, M. H., Romito, L. M., & Walkinshaw, S. (2004). Lysophosphatidic acid modulates the regenerative responses of human gingival fibroblasts and enhances the actions of PDGF. *Journal of Periodontology*, 75, 297-305.

Edwards, P. C. (2003). Point of care: Oral pathology and oral medicine. *Journal of Canadian Dental Association*, 69, 677-681.

Edwards, P. C., Bhuiya, T., & Kelsch, R. (2003). C-kit expression in the salivary gland neoplasms adenoid cystic carcinoma, polymorphous low-grade adenocarcinoma and monomorphic adenoma. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology & Endodontics*, 95, 586-593.

Edwards, P. C., Bhuiya, T., & Kelsch, R. (2004). Assessment of p63 expression in the salivary gland neoplasms adenoid cystic carcinoma, polymorphous low-grade adenocarcinoma and basal cell and canalicular adenomas. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology & Endodontics*, 97, 613-619.

Edwards, P. C., Lustrin, L., & Valderrama, E. (2003). Dermoid cysts of the tongue: A report of five cases and review of the literature. *Pediatric & Developmental Pathology*, 6, 531-535.

Hagge, M. S., Di Lorenzo, S. C., Lindemuth, J. S., Latta, M. A., & Smith, J. W. (2003). Retarding composite resin polymerization with yellow plastic food wrap. *Journal of Esthetic & Restorative Dentistry*, 15(6), 370-375.

Hicks, J., Ellis, R., Flaitz, C., Westerman, G., & Powell, L. (2003). Restoration-enamel interface with argon laser and visible light polymerization of compomer and composite resin restorations: A polarized light and scanning electron microscopic *in vitro* study. *Journal of Clinical Pediatric Dentistry*, 27(4), 353-358.

Hicks, J., Flaitz, C., Ellis, R., Westerman, G., & Powell, L. (2003). Primary tooth enamel surface topography with *in vitro* argon laser irradiation alone and combined fluoride and argon laser treatment: Scanning electron microscopic study. *Pediatric Dentistry*, 25(5), 491-496.

Knowles, K., Jergenson, M., & Howard, J. (2003). Paresthesia associated with endodontic treatment of mandibular premolars. *Journal of Endodontics*, 29(11), 768-770.

Norton, N. S. (2004). Bell's palsy. *xPharm* [On-line]. Available: [http://www.xpharm.com/citation?Article\\_ID=1142](http://www.xpharm.com/citation?Article_ID=1142)

Norton, N. S. (2004). Cerebral edema. *xPharm* [On-line]. Available: [http://www.xpharm.com/citation?Article\\_ID=1095](http://www.xpharm.com/citation?Article_ID=1095)

Norton, N. S. (2004). Cerebral palsy. *xPharm* [On-line]. Available: [http://www.xpharm.com/citation?Article\\_ID=1098](http://www.xpharm.com/citation?Article_ID=1098)

Norton, N. S. (2004). Lesions of the autonomic nerves. *xPharm* [On-line]. Available: [http://www.xpharm.com/citation?Article\\_ID=1143](http://www.xpharm.com/citation?Article_ID=1143)

Norton, N. S. (2004). Parkinson's disease. *xPharm* [On-line]. Available: [http://www.xpharm.com/citation?Article\\_ID=1100](http://www.xpharm.com/citation?Article_ID=1100)

Norton, N. S., Barritt, L. C., Richards, A., & Quinn, T. H. (2003). Levator claviculae: A report on the presence of the muscular variation in the cadaver. *American Association of Clinical Anatomy*, 19, 248.

Parrish, L. C., Mattson, J. S., Cerutis, D. R., & Latta, M. A. (2003). A literature comparison of guided tissue regeneration: Interproximal bony defects. *Journal of Periodontology*, 74(11), 1709-1710.

Richards, A., Digges, N., Norton, N. S., Quinn, T. H., Say, T., Galer, C., & Lydiatt, K. (2003). The relationship of parotid duct anatomy to development of postoperative fistula. *American Association of Clinical Anatomy*, 19, 97.

Richards, A. T., Digges, N., Norton, N. S., Quinn, T. H., Say, P., Galer, C., & Lydiatt, K. (2004). The surgical anatomy of the parotid duct with emphasis on the relationship of the facial nerve and major tributaries forming the duct. *Clinical Anatomy*, 17(6), 463-467.

Romito, L. M. (2004). Conrescence: Report of a rare case. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology & Endodontics*, 97(3), 325-327.

Romito, L. M. (2004). [Review of *Dental materials in vivo: Aging and related phenomena*]. *Journal of Dental Education*, 68(1), 103.

Saini, T. S., Kimmes, N. S., & Westerman, G. H. (2004). Aberrant root formation: A review of root genesis and three case reports. *Pediatric Dentistry*, 26(3), 261-265.

Shaddy, R. S., Latta, M. A., & Goren, M., (2003, September-October). The effect of salivary contamination on adhesive shear bond strength. *Journal of Practical Hygiene*, 27-28.

Welie, J. V. M. (2003). The ethics of roles. *Journal of the American College of Dentists*, 70, 45-48.

Westerman, G. H., Ellis, R. W., Latta, M. A., & Powell, G. L. (2003). An *in vitro* study of enamel surface microhardness following argon laser irradiation and acidulated phosphate fluoride treatment. *Pediatric Dentistry*, 25(5), 497-500.

Willett, G., & Norton, N. S. (2004). Amyotrophic lateral sclerosis. *xPharm* [On-line]. Available: [http://www.xpharm.com/citation?Article\\_ID=1130](http://www.xpharm.com/citation?Article_ID=1130)

---

LAW

CULHANE, MARIANNE, *Bankruptcy Cases on the Supreme Court's Term: Part I*, 22 AMERICAN BANKRUPTCY INSTITUTE JOURNAL 6 (September 2003).

CULHANE, MARIANNE, *Bankruptcy Cases on the Supreme Court's Term: Part II*, 22 AMERICAN BANKRUPTCY INSTITUTE JOURNAL (October 2003).

CULHANE, MARIANNE (editor), BANKRUPTCY ISSUES FOR STATE COURT TRIAL JUDGES (2d ed. American Bankruptcy Institute 2003).

CULHANE, MARIANNE, *Conyers' Bill Takes Aim at Insider Benefits*, 22 AMERICAN BANKRUPTCY INSTITUTE JOURNAL 6 (July/August 2003).

CULHANE, MARIANNE, *Enforcing (or Not) Arbitration Clauses in Bankruptcy*, in 2 CONSUMER FINANCIAL SERVICES LITIGATION (Practising Law Institute 2003) (with White, Michaela).

CULHANE, MARIANNE, *Poking Holes in Golden Parachutes: Management Pensions at Risk in Bankruptcy*, 22 AMERICAN BANKRUPTCY INSTITUTE JOURNAL (January 2004).

CULHANE, MARIANNE, *Retirement Benefits and Bankruptcy: Recent Developments*, 22 AMERICAN BANKRUPTCY INSTITUTE JOURNAL (November 2003).

DALLON, CRAIG, *The Problem with Congress and Copyright Law: Forgetting the Past and Ignoring the Public Interest*, 44 SANTA CLARA LAW REVIEW 365 (2004).

DALLON, CRAIG, *Reconsidering Property Division in Divorce Under Nebraska Law in Light of the ALI's Principles of the Law of Family Dissolution: Analysis and Recommendations*, 37 CREIGHTON LAW REVIEW 1 (2003).

KELLY, MICHAEL, *The Bush Foreign Policy 2001-2003: Unilateralist Theory in a Multilateral World, and the Opportunity for Change Offered by Iraq*, 2 WASHINGTON UNIVERSITY GLOBAL STUDIES LAW REVIEW 221 (2003). Available:  
[http://law.wustl.edu/Publications/WUGSLR/Issue%20Archive/Volume\\_2\\_1/Kelly\\_book\\_pages.pdf](http://law.wustl.edu/Publications/WUGSLR/Issue%20Archive/Volume_2_1/Kelly_book_pages.pdf)

KELLY, MICHAEL, *Cheating Justice by Cheating Death: The Doctrinal Collision for Prosecuting Foreign Terrorists — Passage of Aut Dedere Aut Judicare into Customary Law & Refusal to Extradite Based on the Death Penalty*, 20 ARIZONA JOURNAL OF INTERNATIONAL & COMP. LAW 491 (2003). Available: <http://www.law.arizona.edu/Journals/AJICL/AJICL2003/Vol203/kellyarticle.pdf>

KELLY, MICHAEL, *Could the New International Criminal Court Try Americans for War Crimes in Iraq?* JURIST (March 17, 2003). Available: <http://jurist.law.pitt.edu/forum/forumnew102.php>

KELLY, MICHAEL, *Midlands Voices: Boost U.N. Legitimacy by Adding Members to Security Council*, OMAHA WORLD-HERALD, May 18, 2003, at 11B [opinion].

KELLY, MICHAEL, *Reaping the Whirlwind: Departures From International Law Helped Created Climate for Iraq Prison Abuses*, JURIST (May 19, 2004). Available:  
<http://jurist.law.pitt.edu/forum/kelly1.php>

KELLY, MICHAEL, *Time Warp to 1945 — Resurrection of the Reprisal and Anticipatory Self-Defense Doctrines in International Law*, 13 FLORIDA STATE JOURNAL OF TRANSNATIONAL LAW & POLICY 1 (2003). Available: [http://www.law.fsu.edu/journals/transnational/vol13\\_1/kelly.pdf](http://www.law.fsu.edu/journals/transnational/vol13_1/kelly.pdf)

KELLY, MICHAEL & MACK, RANETA LAWSON, *EQUAL JUSTICE IN THE BALANCE: ASSESSING AMERICA'S LEGAL RESPONSES TO THE EMERGING TERRORIST THREAT* (University of Michigan Press 2004).

KELLY, MICHAEL, & MACK, RANETA LAWSON, *The War on Terror: Assaulting Democracy at Home?* CREIGHTON UNIVERSITY MAGAZINE 14 (Spring 2003).

KIRCHER, J. J., & WISEMAN, C. M., *PUNITIVE DAMAGES: LAW AND PRACTICE* (2d Ed. West Group 2000), Cumulative Supplements (2001-2004).

MANGRUM, RICHARD COLLIN, *MANGRUM ON NEBRASKA EVIDENCE* (West 2004).

MORSE, EDWARD A., *Tax Planning for Closely Held Businesses in Light of the Rate Reductions in the JGTRRA of 2003*, Nebraska Lawyer 5 (March 2004).

PEARSON, ERIC. *The Public Trust Doctrine in Federal Law*, 24 JOURNAL OF LAND, RESOURCES, AND ENVIRONMENTAL LAW 173 (2004).

VOLKMER, R. R., *The Nebraska Uniform Trust Code: Nebraska Trust Law In Transition*, 37 CREIGHTON LAW REVIEW 61 (2003).

VOLKMER, R. R., *Recent Fiduciary Decisions*, 31 ESTATE PLANNING [bi-monthly] (2004).

VOLKMER, R.R., *2004 Cumulative Supplement* in THOMPSON ON REAL PROPERTY, chs. 82, 83 (2<sup>nd</sup> Thomas. Ed.) Vol. 9.

WISEMAN, C. M., ET AL., *WISCONSIN PRACTICE: CRIMINAL PRACTICE AND PROCEDURE* (West 1996), Cumulative Supplements (1998-2004).

---

## MEDICINE

Abraha, D., Cho, S. H., Agrawal, D. K., & Park, J. M. (2004). Oh CK: (S,S)-formoterol increases the production of IL-4 in mast cells and the airways of a murine asthma model. *International Archives of Allergy & Immunology*, 133, 380-388.

Agrawal, D. K., Ariyaratna, K., & Kelbe, P. W. (2004). S-albuterol activates pro-constrictory and inflammatory pathways in human bronchial smooth muscle cells. *Journal of Allergy & Clinical Immunology*, 113, 503-510.

- Agrawal, D. K., Edwan, J., Kandimalla, E. R., Yu, D., & Agrawal, S. (2004). Novel immunomodulatory oligonucleotides (IMOs) prevent development of allergic airway inflammation and airway hyperresponsiveness in asthma. *International Immunopharmacology*, 4, 127-138.
- Ahmed, S., Budai, B., Herédi-Szabó, K., Farkas, J., Tóth, G., Murphy, R. F., & Lovas, S. (2004). High and low affinity receptors mediate growth effects of gastrin and N-carboxymethyl gastrin on DLD-1 human colonic carcinoma cells. *FEBS Letters*, 556, 199-203.
- Akhter, M. P., Otero, J. K., Iwaniec, U. T., Cullen, D. M., Haynatzki, G. R., & Recker, R. R. (2004). Differences in vertebral structure and strength of inbred female mouse strains. *Journal of Musculoskeletal & Neuronal Interactions*, 4, 33-40.
- Akhter, M. P., Wells, D. J., Short, S. J., Cullen, D. M., Johnson, M. L., Haynatzki, G., Babij, P., Allen, K. M., Yaworsky, P. J., Bex, F., & Recker, R. R. (2004). Bone biomechanical properties in Lrp5 mutant mice. *Bone*, 35, 162-169.
- Ali, M., Knoop, F. C., Vaudry, H., & Conlon, J. M. (2003). Characterization of novel antimicrobial peptides from the skins of frogs of the *Rana esculenta* complex. *Peptides*, 24, 955-961.
- Arouni, A. J., & Rich, E. C. (2003). Physician gender and patient care. *Journal of Gender Specific Medicine*, 6(1), 24-30.
- Attard, T. M., Cuffari, C., Tajouri, T., Stoner, J. A., Eisenberg, M. T., Yardley, J. H., Abraham, S. C., Perry, D., Vanderhoof, J., & Lynch, H. (2004). Multicenter experience with upper gastrointestinal polyps in pediatric patients with familial adenomatous polyposis. *American Journal of Gastroenterology*, 99, 681-686.
- Bakker, C., Gardner, R., Koliatsos, V., Kerbeshian, J., Looney, J. G., Sutton, B., Swann, A., Verhulst, J., Wagner, K. D., Wamboldt, F., & Wilson, D. R. (2003). The social brain: A unifying foundation for psychiatry. *Academic Psychiatry*, 26, 219.
- Beisel, K. W., Shiraki, T., Morris, K. A., Pompeia, C., Kachar, B., Arakawa, T., Bono, H., Kawai, J., Hayashizaki, Y., & Carninci, P. (2004). Identification of unique transcripts from a mouse full-length, subtracted inner ear cDNA library. *Genomics*, 83(6), 1012-1023.
- Bergren, D. R. (2003). Lung C-fiber activation by substance P, capsaicin and bradykinin in guinea pigs. *American Journal of Respiratory Critical Care Medicine*, 167, A708.
- Bewtra, C. (2003). Pathology and birdwatching [Letter to the editor]. *American Journal of Dermatopathology*, 25(4), 357.
- Bewtra, C. (2004). Cytology TAT: Are we being too fast? *Diagnostic Cytopathology*, 20(5), 241-242.
- Bewtra, C., Pathan, M., & Hashish, H. (2004). Abnormal pap smears with negative follow-up biopsies. *Diagnostic Cytopathology*, 29(4), 200-202.

- Bharadwaj, A., & Agrawal, D. K. (2004). Immunomodulation in asthma: A distant dream or a close reality? *International Immunopharmacology*, 4(4), 495-511.
- Bhattacharjee, S., Tóth, G., Lovas, S., & Hirst, J. D. (2003). Influence of tyrosine on the electronic circular dichroism of helical peptides. *Journal of Physical Chemistry B*, 107, 8682-8688.
- Black, J. A., Thomson, K. S., & Pitout, J. D. (2004). Use of  $\beta$ -lactamase inhibitors in disk tests to detect plasmid-mediated AmpC  $\beta$ -lactamases. *Journal of Clinical Microbiology*, 42, 2203-2206.
- Bockman, C. S., & Abel, P. W. (2004). Drugs of abuse. In J. A. Yagiela, E. A. Neidle, & F. J. Dowd (Eds.), *Pharmacology and therapeutics for dentistry* (5<sup>th</sup> ed., pp. 345-370). St. Louis: Mosby.
- Borics, A., Chass, G. A., Csizmadia, I. G., Murphy, R. F., & Lovas, S. (2003). The benefits of a pre-computed amino acid structure database in quantum chemical geometry optimizations of  $\beta$ -turns of peptides. *Journal of Molecular Structure (THEOCHEM)*, 666-667, 355-359.
- Borics, A., Murphy, R. F., & Lovas, S. (2004). Molecular dynamics simulations of  $\beta$ -turn forming tetra- and hexapeptides. *Journal of Biomolecular Structure & Dynamics*, 21, 761-770.
- Bothmer, A. J., & LaCroix, M. J. (2004). Recruitment and retention at the Creighton University libraries. *Nebraska Library Association Quarterly*, 35(2), 11-13.
- Brachlow, A., Awadallah, S., & Chatterjee, A. (2003). Endocarditis due to *Streptococcus acidominimus*. *Pediatric Cardiology*, 24, 161-163.
- Brachlow, A., Chatterjee, A., & Stamato, T. (2004). Endocarditis due to *Kingella kingae*: A patient report. *Clinical Pediatrics*, 43(3), 283-288.
- Bramble, J. D., Sakowski, H., Rich, E. C., & Esterbrooks, D. (2004). Resource use in treating alcohol and drug related diagnoses: Does teaching status and experience matter. *Journal of General Internal Medicine*, 19, 36-42.
- Brauer, P. R. (2004). *Human embryology: The ultimate USMLE step 1 review*. Philadelphia, PA: Hanley & Belfus Medical Publishers, Inc.
- Brauer, P. R., & Tierney, B. J. (2004). Consequences of elevated homocysteine during embryonic development and possible modes of action. In G. M. Tiboni (Ed.), *Recent advances in developmental toxicology*. *Current Pharmaceutical Design*, 10, 2719-2732.
- Brody, B., Dickey, N., Ellenberg, S., Heaney, R., Levine, R., & O'Brien, R. (2003). Is the use of placebo controls ethically permissible in clinical trials of agents intended to reduce fractures in osteoporosis? *Journal of Bone & Mineral Research*, 18, 1105-1109.
- Brose, M. S., Smyrk, T. C., Weber, B., & Lynch, H. T. (2003). Genetic predisposition to cancer. In D. W. Kufe, R. E. Pollock, R. R. Weichselbaum, R. C. Bast, T. S. Gansler, J. F. Holland, & E. Frei III (Eds.), *Cancer medicine* (6th ed., vol. I, pp. 241-265). Hamilton, Ontario, Canada: B. C. Decker.

Bruce, L. L. (2003). Adaptations of the vestibular system to short and long-term exposures to altered gravity. *Advances in Space Research*, 32(8),1533-1539.

Bruce, L. L. (2004). Cerebral ischemia. *xPharm Disorder Record* [On-line], 1. Elsevier Science, Inc. Available: [http://www.xpharm.com.citation/Article\\_ID=1094](http://www.xpharm.com.citation/Article_ID=1094)

Caniano, D. A, Sonnino, R. E., & Paolo, A. M. (2004). Keys to career satisfaction: Insights from a survey of women pediatric surgeons. *Journal of Pediatric Surgery*, 39(6), 984-990.

Carninci, P., Waki, K., Shiraki, T., Konno, H., Shibata, K., Itoh, M., Aizawa, K., Arakawa, T., Ishii, Y., Sasaki, D., Bono, H., Kondo, S., Sugahara, Y., Saito, R., Osato, N., Fukuda, S., Sato, K., Watahiki, A., Hirozane-Kishikawa, T., Nakamura, M., Shibata, Y., Yasunishi, A., Kikuchi, N., Yoshiki, A., Kusakabe, M., Custincich, S., Beisel, K., Pavan, W., Aidinis, V., Nakagawara, A., Held, W. A., Iwata, H., Kono, T., Nakauchi, H., Lyons, P., Wells, C., Hume, D. A., Fagiolini M., Hensch, T. K., Brinkmeier, M., Camper, S., Hirota, J., Mombaerts, P., Muramatsu, M., Okazaki, Y., Kawai, J., & Hayashizaki, Y. (2003). Targeting a complex transcriptome: The construction of the mouse full-length cDNA encyclopedia. *Genome Research*, 13(6B), 1273-1289.

Casale, T. B. (2004). Status of immunotherapy: Current and future. *Journal of Allergy & Clinical Immunology*, 113, 1036-1039.

Casale, T. B., & Dykewicz, M. (2004). Clinical implications of the allergic rhinitis-asthma link. *American Journal of Medical Sciences*, 327(3), 127-138.

Chatterjee, A., Yasmin, T., Bagchi, D., & Stohs, S. (2003). The bactericidal effects of *Lactobacillus acidophilus*, garcinol and Protykin® compared to clarithromycin, on *Helicobacter pylori*. *Molecular & Cellular Biochemistry*, 243, 29-35.

Chatterjee, A., Yasmin, T., Bagchi, D., & Stohs, S. J. (2004). Inhibition of *Helicobacter pylori* *in vitro* by various berry extracts, with enhanced susceptibility to clarithromycin. *Molecular & Cellular Biochemistry*, 265, 19-26.

Chelikani, P. K., Haver, A. C., & Reidelberger, R. D. (2004). Comparison of the inhibitory effects of PYY(3-36) and PYY(1-36) on gastric emptying in rats. *American Journal of Physiology-Regulatory, Integrative & Comparative Physiology*, 287, R1064-1070.

Chervinsky, P., Casale, T., Townley, R., Tripathy, I., Hedgecock, S., Fowler-Taylor, A., Shen, H., & Fox, H. (2003). Omalizumab, an anti-IgE antibody, is effective and well tolerated in the treatment of adults and adolescents with perennial allergic rhinitis. *Annals of Allergy, Asthma & Immunology*, 91(2), 160-167.

Chesnut III, C. H., Skag, A., Christiansen, C., Recker, R., Stakkestad, J. A., Hoiseth, A., Felsenberg, D., Huss, H., Gilbride, J., Schimmer, R. C., & Delmas, P. D. [for the Oral Ibandronate Osteoporosis Vertebral Fracture Trial in North America and Europe (BONE)]. (2004). Effects of oral ibandronate administered daily or intermittently on fracture risk in postmenopausal osteoporosis. *Journal of Bone & Mineral Research*, 19, 1241-1249.

Cluck, M. W., Murphy, L. O., Olson, J., Knezetic, J. A., & Adrian, T. E. (2003). Amylin gene expression mediated by cAMP/PKA and transcription factors HNF-1 and NFY. *Molecular & Cellular Endocrinology*, 210(1-2), 63-75.

Coico, R., Kachur, E., Lima, V., & Lipper, S. (2004). Guidelines for preclerkship bioterrorism curricula. [Knoop, F. C. (member, Delphi panel)]. *Academic Medicine*, 79 (4), 366-375.

Croghan, G. A., Sloan, J., Croghan, I. T., Novotny, P., Hurt, R. D., DeKrey, W., Mailliard, J. A., Ebbert, L. P., Swan, D. K., Walsh, D. J., Wiesenfeld, M., Levitt, R., Stella, P., Johnson, P. A., Tschetter, L. K., & Loprinzi, C. (2003). Comparison of nicotine patch alone versus nicotine nasal spray alone versus a combination for treating smokers: A minimal intervention, randomized multicenter trial in a nonspecialized setting. *Nicotine & Tobacco Research*, 5, 181-187.

Cutler, R. G., Kelly, J., Storie, K., Pedersen, W. A., Tammara, A., Hatanpaa, K., Troncoso, J. C., & Mattson, M. P. (2004). Involvement of oxidative stress-induced abnormalities in ceramide and cholesterol metabolism in brain aging and Alzheimer's disease. *Proceedings of the National Academy of Science, U.S.A.*, 101(7), 2070-2075.

Davis, L. L., Jewell, M. E., Ambrose, S., Farley, J., English, B., Bartolucci, A., & Petty, F. A placebo-controlled study of nefazodone for the treatment of chronic posttraumatic stress disorder. *Journal of Clinical Psychopharmacology*, 24, 291-297.

Dawson-Hughes, B., Heaney, R. P., Holick, M. F., Lips, P., Meunier, P. J., & Vieth, R. (2004). Vitamin D round table. In P. Burckhardt, B. Dawson-Hughes, & R. P. Heaney (Eds.), *Nutritional aspects of osteoporosis* (2<sup>nd</sup> ed., pp. 263-270). San Diego, CA: Elsevier Inc.

Deng, F. Y., Liu, M. Y., Li, M. X., Lei, S. F., Qin, Y. J., Zhou, Q., Zhao, L. J., Liu, Y. J., & Deng, H. W. (2003). Tests of linkage and association of the COL1A2 gene with bone phenotype variation in Chinese nuclear families. *Bone*, 33, 614-619.

Deng, H. W. (2003). LOD score exclusion analyses of candidate QTLs with random population samples. *Genetica*, 119, 303-315.

Deng, H. W. (2004). Quantitative genetic studies of diapause in *Daphnia*: Genetic and environmental control and genetic consequences. *Life Science Research*, 8, 189-206.

Deng, H. W., Li, Y. M., Li, M. X., & Liu, P. Y. (2003). Robust indices of Hardy-Weinberg disequilibrium for QTL fine mapping. *Human Heredity*, 56, 160-165.

Deng, H. W., & Recker, R. R. (2004). Gene mapping and identification for osteoporosis. *The Journal of Musculoskeletal & Neuronal Interactions (JMNI)*, 4, 91-100.

DeSimone II, E. M., Lanspa, S. J., Hogrefe, D., & Terlaje, C. (2004). Diagnosis and management of Crohn's disease. *US Pharmacist*, 29, 05.

Dhanvantari, S., Shen, F. S., Adams, T., Snell, C. R., Zhang, C., Mackin, R. B., Morris, S. J., & Loh, Y. P. (2003). Disruption of a receptor-mediated mechanism for intracellular sorting of proinsulin in familial hyperproinsulinemia. *Molecular Endocrinology*, 17(9), 1856-1867.

Dhume, A. S., & Agrawal, D. K. (2003). Inability of vascular smooth muscle cells to proceed beyond S phase of cell cycle and increased apoptosis in symptomatic carotid artery disease. *Journal of Vascular Surgery*, 38, 155-161.

Dhume A. S., Soundararajan, K., Hunter, W. J., & Agrawal, D. K. (2003). Comparison of vascular smooth muscle cell apoptosis and fibrous cap morphology in symptomatic and asymptomatic carotid artery disease. *Annals of Vascular Surgery*, 17, 1-8.

Dickerson, D., Marcil, W., & Petty, F. (2004). Chronic fatigue syndrome. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xPharm.com>

Dowd, F. J. (2004). Absence (Petit mal) seizures. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Arrhythmias. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Atrial fibrillation and flutter. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Atrioventricular block. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Candida albican infections. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Deep mycotic infections. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Dermatophyte infections. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Fungal diseases. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Migraine and cluster headaches. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Pain. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Sinus bradycardia. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Sporotrichosis. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Supraventricular tachycardia. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Torsades de Pointes. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Ventricular fibrillation and flutter. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Ventricular tachycardia. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dowd, F. J. (2004). Wolff-Parkinson-White syndrome. In D. B. Bylund & S. J. Enna (Eds.), *xPharm*. Elsevier Science, Inc.

Dvornyk, V., Deng, H. W., & Nevo, E. (2004). Structure and molecular phylogeny of *sasA* genes in cyanobacteria: Insights into evolution of the prokaryotic circadian system. *Molecular Biology & Evolution*, 21(8), 1468-1476.

Dvornyk, V., Liu, X. H., Shen, H., Lei, S. F., Zhao, L. J., Huang, Q. R., Qin, Y. J., Jiang, D. K., Long, J. R., Zhang, Y. Y., Gong, G., Recker, R. R., & Deng, H. W. (2003). Differentiation of Caucasians and Chinese at bone mass candidate genes: Implication for ethnic difference of bone mass. *Annals of Human Genetics*, 67, 216-227.

Dvornyk, V., Long, J. R., Xiong, D. H., & Deng, H. W. (2004). Current limitations of SNP data from the public domain for studies of complex disorders: A test for ten candidate genes for obesity and osteoporosis. *BioMedical Central (BMC) Genetics*, 5(1), 4.

Dvornyk, V., Shen, H., Liu, Y. J., Xiao, P., Recker, R. R., & Deng, H. W. (2004). Systematic approaches to the study of complex bone disorders at whole-genome level [Invited article]. *Current Genomics*, 5(2), 93-108.

Eckerson, J. M., & Bockman, C. S. (2004). Inflammatory myopathies. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* (pp. 1-10). London: Elsevier Science, Inc.

Eckerson, J. M., & Bockman, C. S. (2004). Myalgia. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* (pp. 11-21). London: Elsevier Science, Inc.

Edwan, J. H., Perry, G., Talmadge, J. E., Agrawal, D. K. (2004). Flt3-ligand reverses late allergic response and airway hyperresponsiveness in a mouse model of allergic inflammation. *Journal of Immunology*, 172, 5016-5023.

EU Hernia Trialists Collaboration [including Fitzgibbons Jr., R. J.]. (2003). Repair of groin hernia with systemic mesh: Meta-analysis of randomized controlled trials. *Annals of Surgery*, 235(3), 322-332.

Evans, H. L., Krag, D. N., Teates, C. D., Patterson, J. W., Meijer, S., Harlow, S. P., Tanabe, K. K., Loggie, B. W., Whitworth, P. W., Kusminsky, R. E., Carp, N. Z., Gadd, M. A., & Slingluff, C. L. (2003). Lymphoscintigraphy and sentinel node biopsy accurately stage melanoma in patients presenting after wide local excision. *Annals of Surgical Oncology*, 10(4), 416-425.

Faramazy, A. Y., Marcil, W., & Petty, F. (2004). Obsessive compulsive disorder. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xPharm.com>

Faulkner, M. A., Mears, A. J., Adams, P., Biring, T., Frock, J., & Dunlay, R. (2004). Can selective beta-blockers be prescribed safely for hemodialysis patients? A retrospective review. *Hospital Pharmacy*, 39, 144-148.

Fernandes, P., Marcil, W., & Petty, F. (2004). Manic-depressive illness. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xPharm.com>

Fernandes, P. P., & Petty F. (2003). Modafinil for remitted bipolar depression with hypersomnia. *The Annals of Pharmacotherapy*, 37(12), 1807-1809.

Fingerhut, A., & Fitzgibbons Jr., R. J. (2003). Is it always necessary to operate on inguinal hernias? *La Revue Du Praticien*, 53(15), 1660-1661.

Fitzgibbons Jr., R. J., Quinn, T. H., & Richards, A. (2003) Open hernia repair: Alimentary tract and abdomen. In W. W. Souba, M. P. Fink, G. J. Jurkovich, et al. (Eds.), *Principles and practice* [Online] (pp. 545-568). WebMD, Inc.

Fitzgibbons Jr., R. J., Richards, A. T., & Quinn, T. (2004). Laparoscopic inguinal herniorrhaphy. In J. L. Cameron (Ed.), *Current surgical therapy* (8<sup>th</sup> ed., pp. 1207-1213). Philadelphia: Elsevier Mosby.

Fitzpatrick, L., & Heaney, R. P. (2003). Got soda? *Journal of Bone & Mineral Research*, 18(9), 1570-1572.

Foulkes, W. D., Metcalfe, K., Sun, P., Hanna, W. M., Lynch, H. T., Ghadirian, P., Tung, N., Olopade, O. I., Weber, B. L., McLennan, J., Olivotto, I. A., Begin, L. R., & Narod, S. A. (2004). Estrogen receptor status in *BRCA1*- and *BRCA2*-related breast cancer: The influence of age, grade, and histological type. *Clinical Cancer Research*, 10, 2029-2034.

Frey, D. (2003, July 4). Terry's health proposal would fail to address a variety of problems. *Omaha World-Herald*.

Frey, D. (2003, November). [Review of *Tutorials in differential diagnosis* (4<sup>th</sup> ed)]. Doody Publishing Company.

Frey, D. (2004, January). [Review of *Cancer in primary care*]. Doody Publishing Company.

Frey, D. (2004, April 23). Medicare's troubles reflect broader woes. *Omaha World-Herald*.

Frey, D. (2004, May). [Review of *Cecil textbook of medicine* (22<sup>nd</sup> ed.). Doody Publishing Company.

Frey, D. (2004, June). [Review of *Current diagnosis and treatment in family medicine*]. Doody Publishing Company.

Fritzs, B. (2003). The ear of *Latimeria chalumnae* revisited. *Zoology*, 106, 243-248.

Fritzs, B. (2003). Molecular developmental neurobiology of formation, guidance and survival of primary vestibular neurons. *Advances in Space Research*, 32, 1495-1500.

Fritzs, B., & Beisel, K. W. (2003). Molecular conservation and novelties in vertebrate ear development. In R. Romand, & I. Varela-Nieto (Eds.), *Development of the auditory and vestibular systems. Current topics in developmental biology* (vol. 57). San Diego: Wiley & Sons.

Fritzs, B., & Beisel, K. W. (2004). Keeping sensory cells and evolving neurons to connect them to the brain: Molecular conservation and novelties in vertebrate ear development. *Brain, Behavior & Evolution*, 64(3), 182-97.

Fritzs, B., Coppola, V., Tessarollo, L., & Reichardt, L. F. (2003). Neurotrophins in the ear: Their roles in sensory neuron survival and fiber guidance. *Progress in Brain Research*, 146, 265-278.

Garis, R. I., & Kissell, J. L. (2004). Untangling the Medicare drug discount card thicket. *Pharmacy Times*, 70(5), 80.

Gatalica, Z., Knezetic, J., Choquette, J., Linder-Stephenson, L., Loggie, B., & Lynch, H. T. (2004). Microsatellite instability in patients with peritoneal mucinous carcinomatosis. *Journal of Molecular Diagnostics*, 6, 152.

Gentry-Nielsen, M. J., Hartwell, E. A., Preheim, L. C., & Snitily, M. U. (2004). Development of a rat model to determine the biomedical consequences of concurrent ethanol ingestion and cigarette smoke exposure. *Alcoholism: Clinical & Experimental Research*, 28, 1120-1128.

Ghadirian, P., Lubinski, J., Lynch, H., Neuhausen, S. L., Weber, B., Isaacs, C., Baruch, R.-G., Randall, S., Ainsworth, P., Freidman, E., Horsman, D., Tonin, P., Foulkes, W. D., Tung, N., Sun, P., & Narod, S. A. (2004). Smoking and the risk of breast cancer among carriers of BRCA mutations. *International Journal of Cancer*, 110, 413-416.

Glebov, O. K., Rodriguez, L. M., Nakahara, K., Jenkins, J., Cliatt, J., Humbyrd, C.-J., DeNobile, J., Soballe, P., Simon, R., Wright, G., Lynch, P., Patterson, S., Lynch, H., Gallinger, S., Buchbinder, A., Gordon, G., Hawk, E., & Kirsch, I. R. (2003). Distinguishing right from left colon by the pattern of gene expression. *Cancer Epidemiology, Biomarkers & Prevention*, 12, 755-762.

Gong, G., Haynatzki, G., Deng, H. W., Recker, R. R., Mordeson, J., Cheng, S. C., & Fong, N. (2003). Fine mapping of susceptibility genes by Lewontin's linkage disequilibrium measure with application to Alzheimer's disease. *Chinese Medical Journal (Engl)*, 115, 1233-1240.

Goodman, M. (2003). [Review of *HIV*, 2<sup>nd</sup> ed.]. Doody Publishing Company.

Goodman, M. (2003). [Review of *HIV/AIDS and traditional medicine: A journey to dialogue*]. Doody Publishing Company.

Goodman, M. (2004). [Review of *The AIDS pandemic: Complacency, injustice and unfulfilled expectations*]. Doody Publishing Company.

Goodman, M. D., Markert, R. J., Sakowski, H. A., Jeffries, W. B., Rich, E. C., Coleman, R. M., Houghton, B. L., & Kosoka-Lasaki, S. (2004, April). Dimensions in clinical medicine: An interclerkship program. *Teaching & Learning in Medicine: An International Journal*.

Gottlieb, A. B., Casale, T. B., Frankel, E., Goffe, B., Lowe, N., Ochs, H. D., Roberts, J. L., Washenik, K., Vaishaw, A., & Gordon, K. B. (2003). CD4+T-cell directed antibody responses maintained in patients with psoriasis receiving alefacept: Results of a randomized study. *Journal of the American Academy of Dermatology*, 49(5), 816-825.

Griffin, I. J., Hicks, P. M. D., Heaney, R. P., & Abrams, S. A. (2003). Enriched chicory inulin increases calcium absorption mainly in adolescents with lower calcium absorption. *Nutrition Research*, 23, 901-909.

Grushko, T. A., Dignam, J. J., Das, S., Blackwood, A. M., Perou, C. M., Ridderstråle, K. K., Anderson, K. N., Wei, M. J., Adams, A. J., Hagos, F. G., Sveen, L., Lynch, H. T., Weber, B. L., & Olopade, O. I. (2004). MYC is amplified in BRCA1-associated breast cancers. *Clinical Cancer Research*, 10, 499-507.

Gu, C., Rodriguez, E. R., Reimert, D. V., Shu, T., Fritzsich, B., Richards, L. J., Kolodkin, A. L., & Ginty, D. D. (2003). Neuropilin-1 conveys semaphorin and VEGF signaling during neural and cardiovascular development. *Developmental Cell*, 5, 45-57.

Gurung, B., & Fritzsich, B. (2004). Time course of embryonic midbrain and thalamic auditory connection development in mice as revealed by carbocyanine dye tracing. *Journal of Comparative Neurology*, 479, 309-327.

Gustinich, S., Arakawa, Y., Batalov, S., Beisel, K. W., Bono, H., Carninci, P., Fletcher, C. F., Grimmond, S., Hirokawa, N., Jarvis, E. D., Jegla, T., Kawasaka, Y., Mike, H., Raviola, E., Teasdale, R. D., Waki, K., Zimmer, A., Kawai, J., Hayashizaki, Y., & Okazaki, Y. (2003). Analysis of the mouse transcriptome for genes involved in the function of the nervous system. *Genome Research*, 13(6B), 1395-1401.

Haeberle, H., Casola, A., Gatalica, Z., Petronella S., Dieterich, H.-J., Ernst, P. B., Brasier, A. R., & Garofalo, R. P. (2004). The I $\kappa$ B kinase is a critical regulator of chemokine expression and lung inflammation in respiratory syncytial virus infection. *Journal of Virology*, 78, 2232-2241.

Hall, J. J., Loggie, B., Shen, P., Beamer, S., Case, L. D., McQuellon, R., Geisinger, K. R., & Levine, E. A. (2004). Cytoreductive surgery with intraperitoneal hyperthermic chemotherapy for advanced gastric cancer. *Journal of Gastrointestinal Surgery*, 8(4), 454-463.

Hansen, L. A., Brown, D., Virador, V., Strain, K., Dancheck, B., Tanaka, T., Andreola, F., Rountree, R., Arbeit, J. M., De Luca, L. M., Kogan, S., & Yuspa, S. H. (2003). A PMLRAR transgene results in a retinoid deficient phenotype associated with enhanced susceptibility to skin tumorigenesis. *Cancer Research*, 63, 5257-5265.

Hanson, N. D. (2003). AmpC  $\beta$ -lactamases: What do we need to know for the future? [Leading article]. *Journal of Antimicrobial Chemotherapy*, 52, 2-4.

He, D. Z. Z., Cheatham, M. A., Pearce, M., & Vetter, D. E. (2004). Mouse outer hair cells lacking the alpha 9 ACh receptor are motile. *Developmental Brain Research*, 148, 19-25.

He, D. Z. Z., Jia, S. P., & Dallos, P. (2003). Prestin and the dynamic stiffness of cochlear outer hair cells. *Journal of Neuroscience*, 23, 9089-9096.

He, D. Z. Z., Jia, S. P., & Dallos, P. (2004). Mechanoelectrical transduction of adult outer hair cells studied in a gerbil hemicochlea. *Nature*, 429, 766-770.

Heaney, R. P. (2003). Blood lead levels and hypertension. *Journal of the American Medical Association*, 290, 460-461.

Heaney, R. P. (2003). Bone mineral content, not bone mineral density, is the correct bone measure for growth studies. *American Journal of Clinical Nutrition*, 78, 350-351.

Heaney, R. P. (2003). How does bone support calcium homeostasis. *Bone*, 33, 264-268.

Heaney, R. P. (2003). Is the paradigm shifting? *Bone*, 33, 457-465.

Heaney, R. P. (2003). Long-latency deficiency disease: Insights from calcium to vitamin D. *American Journal of Clinical Nutrition*, 78(5), 912-919.

Heaney, R. P. (2003). Low-calcium diet. *Canadian Medical Association Journal*, 169(6), 542.

Heaney, R. P. (2003). The need for conversion. *Commonweal*, 130(15), 44-45.

Heaney, R. P. (2003). New findings in vitamin D deficiency. *Osteoporosis Today*, 3(5), 4.

Heaney, R. P. (2003). New ways of thinking about osteoporosis. *New Developments in Rheumatic Diseases*, 1(2), 1-7.

Heaney, R. P. (2003). Nutrition and osteoporosis. In M. Favus, M. Kleerekoper, & N. Lane (Eds.), *Primer on the metabolic bone diseases and disorders of mineral metabolism* (5<sup>th</sup> ed., pp. 352-355). Washington, DC: American Society for Bone & Mineral Research.

Heaney, R. P. (2003). Remodeling and skeletal fragility. *Osteoporosis International*, 14(Suppl. 5), S12-S15.

- Heaney, R. P. (2003). Sensitivity of parathyroid hormone response to calcium intake. *American Journal of Clinical Nutrition*, 78, 493.
- Heaney, R. P. (2003). Vitamin D depletion and effective calcium absorption. *Journal of Bone & Mineral Research*, 18(3), 1342.
- Heaney, R. P. (2003). Vitamin D, nutritional deficiency, and the medical paradigm. *Journal of Clinical Endocrinology & Metabolism*, 88(11), 5107-5108.
- Heaney, R. P. (2004). Measuring bone mass accumulation. *American Journal of Clinical Nutrition*, 79(2), 341.
- Heaney, R. P. (2004). Nutrients, interactions, and foods. The importance of source. In P. Burckhardt, B. Dawson-Hughes, & R. P. Heaney (Eds.), *Nutritional aspects of osteoporosis* (2<sup>nd</sup> ed., pp. 61-76). San Diego, CA: Elsevier Inc.
- Heaney, R. P. (2004). Phosphorus nutrition and the treatment of osteoporosis. *Mayo Clinic Proceedings*, 79(1), 91-97.
- Heaney, R. P. (2004). Research and public health implications of the intricate relationship between calcium and vitamin D in the prevention of colorectal neoplasia. *Journal of the National Cancer Institute*, 96(10), 805-806.
- Heaney, R. P. (2004). Serum 25-hydroxy-vitamin D and the health of the calcium economy. In P. Burckhardt, B. Dawson-Hughes, & R. P. Heaney (Eds.), *Nutritional aspects of osteoporosis* (2<sup>nd</sup> ed., pp. 227-244). San Diego, CA: Elsevier Inc.
- Heaney, R. P. (2004). Sodium, potassium, phosphorus, and magnesium. In M. Holick & B. Dawson-Hughes (Eds.), *Nutrition and bone health* (pp. 327-344). Totowa, NJ: Humana Press.
- Heaney, R. P. (2004, January 7). Catholic annulment is not mere divorce. *Midlands Voices, Omaha World-Herald*.
- Heaney, R. P. (2004, March). Patterns of complicity. *Acumen Journal of Life Sciences*.
- Heaney, R. P. (2004, March 3). Why the Catholic Church is a lucrative target. *Midlands Voices, Omaha World-Herald*.
- Heaney, R. P., & Abrams, S. A. (2004). Improved estimation of the calcium content of total digestive secretions. *Journal of Clinical Endocrinology & Metabolism*, 89, 1193-1195.
- Heaney, R. P., & Fitzpatrick, L. (2004). The soda debate fizzes on. *Journal of Bone & Mineral Research*, 19(3), 522.
- Heaney, R. P., & Fitzpatrick, L. (2004). Soda isn't only low in calcium. *Journal of Bone & Mineral Research*, 19(5), 872.

- Heaney, R. P., Recker, R. R., & Lappe, J. M. (2003). Effects of calcium supplementation on serum lipid levels in postmenopausal women [Letter to editor]. *American Journal of Medicine*, 114, 620-621.
- Hellard, D., Brosenitsch, T., Fritzsich, B., & Katz, D. M. (2004). Cranial sensory neuron development in the absence of brain-derived neurotrophic factor in BDNF/Bax double null mice. *Developmental Biology*, 275, 34-43.
- Hossain, A., Reisbig, M. D., & Hanson, N. D. (2004). Plasmid-encoded functions compensate for the biological cost of AmpC over-expression in a clinical isolated of *Salmonella typhimurium*. *Journal of Antimicrobial Chemotherapy*, 53, 964-970.
- Houtz, L. E., Kosoko-Lasaki, O., Zardetto-Smith, A., Mu, K., & Royeen, C. (2004). Teacher education professionals as partners in health science outreach. *Journal of Allied Health*, 33(3).
- Howe, J. R., Sayed, M. G., Ahmed, A. F., Ringold, J., Larsen-Haidle, J., Merg, A., Mitros, F. A., Vaccaro, C. A., Petersen, G. M., Giardiello, F. M., Tinley, S. T., Aaltonen, L. A., & Lynch, H. T. (2004). The prevalence of MADH4 and BMPR1A mutations in juvenile polyposis and absence of BMPR2, BMPR1B, and ACVR1 mutations. *Journal of Medical Genetics*, 41, 484-491.
- Huang, Q. Y., Recker, R. R., & Deng, H. W. (2003). Searching for osteoporosis genes in the post-genome era: Progress and challenges. *Osteoporosis International*, 14, 701-715.
- Huang, Q. Y., Shen, H., Deng, H. Y., Conway, T., Davies, K. M., Li, J. L., Recker, R. R., & Deng, H. W. (2003). Linkage and association of the CA repeat polymorphism of the IL6 gene, obesity-related phenotypes, and bone mineral density (BMD) in two independent Caucasian populations. *Journal of Human Genetics*, 48, 430-438.
- Huang, Q.-Y., Xu, F.-H., Deng, H.-Y., Conway, T., Liu, Y.-J., Liu, Y.-Z., Li, J.-L., Davies, K. M., Recker, R. R., & Deng, H. W. (2004). Genome scan for QTLs underlying bone size variation at ten refined skeletal sites: Genetic heterogeneity and the significance of the refinement of traits. *Physiological Genomics*, 17(3), 326-331.
- Huang, Q. Y., Xu, F.-H., Shen, H., Zhao, L. J., Deng, H. Y., Liu, Y. J., Dvomyk, V., Conway, T., Davies, K. M., Li, J. L., Liu, Y. Z., Recker, R. R., & Deng, H. W. (2004). A second stage genome scan for QTLs influencing BMD variation. *Calcified Tissue International*, 75, 138-143.
- Jatoi, A., Stella, P. J., Hillman, S., Mailliard, J. A., Vanone, S., Perez, E. A., Cannon, M. W., Geyer, S., Wiesenfeld, M., & Jett, J. R. (2003). Weekly carboplatin and paclitaxel in elderly non small cell lung cancer patients: A phase II North Central cancer treatment group study. *American Journal of Clinical Oncology*, 26, 441-447.
- Jensen-Smith, H. C., Eley, J., Steyger, P. S., Ludueña, R. F., & Hallworth, R. (2003). Cell type-specific reduction of  $\beta$  tubulin isotypes synthesized in the developing gerbil organ of Corti. *Journal of Neurocytology*, 32, 185-197.

Jensen-Smith, H.C., Ludueña, R. F., & Hallworth, R. (2003). Requirement for the  $\beta$ I and  $\beta$ IV tubulin isotypes in mammalian cilia. *Cell Motility & the Cytoskeleton* [On-line], 55, 213-220. Available: DOI 10.1002/cm 10122.

Jian, W. X., Long, J. R., & Deng, H. W. (2004). High heritability of bone size at the hip and spine in Chinese. *Journal of Human Genetics*, 49, 87-91.

Johnson, M. L. (2004). The high bone mass family – the role of Lrp5/Wnt signaling in the regulation of bone mass. *Journal of Musculoskeletal & Neuronal Interactions*, 4, 135-138.

Johnson, M. L. (2004). Osteomalacia. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xpharm.com>

Johnson, M. L. (2004). Osteoporosis. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xpharm.com>

Johnson, M. L. (2004). Paget's disease of bone. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xpharm.com>

Johnson, M. L. Harnish, K., Nusse, R., & Van Hul, W. (2004). LRP5 and Wnt signaling: A union made for bone. *Journal of Bone & Mineral Research*, 19, 1749-1757.

Jonasson, O., Fitzgibbons Jr., R. J., & Neumayer, L. A. (2003). [Reply to letter]. *Journal of the American College of Surgeons*, 197(4), 703.

Kamel, S., & Yee, J. A. (2004). Temporal and spatial expression of PTHrP and PTH1R during bone nodule formation by rat calvarial cells *in vitro*. *Midwest Student Biomedical Research Forum*.

Khan, O. Y., & Nawaz, Z. (2003). Nuclear hormone receptor co-regulators. *Current Opinion in Drug Discovery & Development*, 6(5), 692-700.

Kissell, J. L. (2004). The moral self as patient. In R.B. Purtilo & H. ten Have (Eds.), *Ethical foundations for palliative care for Alzheimer's disease* (pp. 131-145). Baltimore: John Hopkins University Press.

Klein, J. R., & Wilson, D. R. (2003). Psychiatric consultation and testimony in legal proceedings: Practical applications. *Nebraska Lawyer* [On-line], 6, 12-16. Available: <http://www.nebar.com>

Knoop, F. C. (2004). Borrelia. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1442](http://www.xpharm.com/citation?Article_ID=1442)

Knoop, F. C. (2004). Brill-Zinsser disease. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1450](http://www.xpharm.com/citation?Article_ID=1450)

Knoop, F. C. (2004). Diseases caused by spirochetes. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1440](http://www.xpharm.com/citation?Article_ID=1440)

- Knoop, F. C. (2004). Disease caused by *treponema pallidum*, non-venereal trepanematoses and leptospira. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1441](http://www.xpharm.com/citation?Article_ID=1441)
- Knoop, F. C. (2004). Fusospirochetal infections. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1443](http://www.xpharm.com/citation?Article_ID=1443)
- Knoop, F. C. (2004). Murine (endemic) typhus. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1448](http://www.xpharm.com/citation?Article_ID=1448)
- Knoop, F. C. (2004). Q fever. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1451](http://www.xpharm.com/citation?Article_ID=1451)
- Knoop, F. C. (2004). Rickettsial diseases. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1444](http://www.xpharm.com/citation?Article_ID=1444)
- Knoop, F. C. (2004). Rickettsialpox. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1446](http://www.xpharm.com/citation?Article_ID=1446)
- Knoop, F. C. (2004). Rocky Mountain spotted fever. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1445](http://www.xpharm.com/citation?Article_ID=1445)
- Knoop, F. C. (2004). Scrub typhus. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1449](http://www.xpharm.com/citation?Article_ID=1449)
- Knoop, F. C. (2004). Trench fever. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1452](http://www.xpharm.com/citation?Article_ID=1452)
- Knoop, F. C. (2004). Typhus fever. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1447](http://www.xpharm.com/citation?Article_ID=1447)
- Kondo, D. G., & Sokol, M. S. (2003). Eating disorders in primary care: A guide to identification and treatment. *Postgraduate Medicine* [On-line], 114. Available: <http://www.postgradmed.com/issues/2003/1103/kondo.htm>
- Krueger, K. D., Hunter, W. J., Del Core, M. G., & Agrawal, D. K. (2003). Calphostin C as a rapid and strong inducer of apoptosis in human coronary artery smooth muscle cells. *International Immunopharmacology*, 3(13-14), 1751-1759.
- Lanspa, T. J., Reyes, A. P., Oldemeyer, J. B., & Williams, M. A. (2004). Ulnar artery catheterization with occlusion of corresponding radial artery. *Catheterization & Cardiovascular Interventions*, 61, 211-213.
- Li, D., Graef, G. L., Yee, J. A., & Yan, L. (2004). Dietary supplementation with high-selenium soy protein reduces pulmonary metastasis of melanoma cells in mice. *Journal of Nutrition*, 134, 1536-1540.

- Li, M., Tian, Y., Fritsch, B., Gao, J., Wu, X., & Zuo, J. (2004). Inner hair cell Cre-expressing transgenic mouse. *Genesis*, 39, 173-177.
- Li, M. X., Liu, P. Y., Li, Y. M., Qin, Y. J., Liu, Y. Z., & Deng, H. W. (2004). A major gene model of adult height is suggested in Chinese. *Journal of Human Genetics*, 49(3), 148-153.
- Liebana, E., Gibbs, M., Clouting, C., Barker, L., Clifton-Hadley, F. A., Pleydell, E., Abdalhamid, B., Hanson, N. D., Martin, L., Poppe, C., & Davies, R. H. (2004). Characterization of  $\beta$ -lactamases responsible for resistance to extended-spectrum cephalosporins in *Escherichia coli* and *Salmonella enterica* strains food-producing animals in the United Kingdom. (2004). *Microbial Drug Resistance*, 10, 1-9.
- Lin, H., Boesel, K., Griffith, D., Foster, B., Romero, F., Townley, R., & Casale, T. (2004). Omalizumab rapidly decreases nasal allergic response and FcεR1 on basophils. *Journal of Allergy & Clinical Immunology*, 113, 297-302.
- Lipkin, S. M., Rozek, L. S., Rennert, G., Yang, W., Chen, P.-C., Hacia, J., Hunt, N., Shin, B., Fodor, S., Kokoris, M., Greenson, J. K., Fearon, E., Lynch, H., Collins, F., & Gruber, S. B. (2004). The MLH1 D132H variant is associated with susceptibility to sporadic colorectal cancer. *Nature Genetics*, 36, 694-699.
- Little, R. D., Recker, R. R., & Johnson, M. L. (2003). High bone density due to a mutation in LDL-receptor-related protein 5. *New England Journal of Medicine*, 347, 943-951.
- Liu, P. Y., Qin, Y. J., Recker, R. R., & Deng, H. W. (2004). Evidence for a major gene underlying bone size variation in Chinese. *American Journal of Human Biology*, 16, 68-77.
- Liu, P. Y., Qin, Y. J., Zhou, Q., Recker, R. R., & Deng, H. W. (2004). Segregation analyses of BMD in Chinese. *Annals of Human Genetics*, 68, 154-164.
- Liu, X. H., Liu, Y. J., Jiang, D. K., Li, Y. M., Li, M. X., Qin, Y. J., Jian, W. X., Zhou, Q., & Deng, H. W. (2003). Testing linkage and/or association of the human alpha2-HS glycoprotein (AHSG) gene with bone mass variation in Chinese nuclear families. *Calcified Tissue International*, 73, 244-250.
- Liu, Y., Xu, F., Recker, R. R., & Deng, H. W. (2003). Interpretation of genetic linkage findings [Letter to editor]. *Journal of Bone & Mineral Research*, 18, 2077-2078.
- Liu, Y. J., Rocha-Sanchez, S. M. S., Liu, P. Y., Long, J. R., Lu, Y., Elze, L., Recker, R. R., & Deng, H. W. (2004). Tests of linkage and/or association of the LEPR gene polymorphisms with obesity phenotypes in Caucasian nuclear families. *Physiological Genomics*, 17(2), 101-106.
- Liu, Y. J., Xu, F. H., Recker, R. R., & Deng, H. W. (2003). On the reliability of the linkage findings: Consideration from perspective of statistical power. *Journal of Bone Mineral Research*, 18, 2077-2078.

Liu, Y. J., Xu, F. H., Shen, H., Liu, Y. Z., Deng, H. Y., Zhao, L. J., Huang, Q. Y., Dvornyk, V., Conway, T., Davies, K. M., Li, J. L., Recker, R. R., & Deng, H. W. (2003). A follow-up linkage study for QTLs contributing to obesity-related phenotypes. *Journal of Clinical Endocrinology & Metabolism*, 89(2), 875-882.

Liu, Z., Shi, H. Y., Nawaz, Z., & Zhang, M. (2004). Tamoxifen induces the expression of maspin through estrogen receptor-alpha. *Cancer Letter*, 209, 55-65.

Livshits, G., Deng, H. W., Nguyen, T. V., Yakovenko, K., Recker, R. R., & Eisman, J. A. (2004). Genetics of bone mineral density: Evidence for a major pleiotropic effect from an intercontinental study. *Journal of Bone & Mineral Research*, 19, 914-923.

Long, J. R., Liu, P., Lu, Y., Xiong, D., Zhao, L., Elze, L., Recker, R. R., & Deng, H. W. (2004). Tests of linkage and/or association of TGF- $\beta$ 1 and COL1A1 genes with Peak bone mineral density. *Osteoporosis International* [On-line].

Long, J. R., Liu, P. Y., Lu, Y., Xiong, D. H., Elze, L., Recker, R., & Deng, H. W. (2003). APOE and TGF-1 gene polymorphisms are associated with obesity phenotypes in Caucasians. *Journal of Medical Genetics*, 40(12), 918-924.

Long, J. R., Liu, P. Y., Lu, Y., Xiong, D. H., Zhao, L. J., Zhang, Y. Y., Elze, L., Recker, R., & Deng, H. W. (2004). Association between COL1A1 gene polymorphisms and bone size in Caucasians. *European Journal of Human Genetics*, 12(5), 383-388.

Long, J. R., Liu, P. Y., Zhang, Y. Y., Shen, H., Liu, Y. J., Dvornyk, V., & Deng, H. W. (2003). Interaction effects on bone mineral density in Chinese: Between the estrogen receptor gene, the vitamin D receptor gene, age and sex. *Journal of Human Genetics*, 48, 514-519.

Long, J. R., Zhang, Y. Y., Hofer, E., Seeman, C., Schatz, M., O'Brien, D., & Deng, H. W. (2004). Rapid purification of high quality DNA from large whole blood samples using a new rapid protocol. *Engineering in Life Sciences*, 4(4), 372-374.

Long, J. R., Zhang, Y. Y., Liu, P. Y., Dvornyk, V., Liu, Y. J., Zhao, L. J., & Deng, H. W. (2004). Association of estrogen receptor and vitamin D receptor gene polymorphisms with bone mineral density in Chinese males. *Calcified Tissue International*, 74, 270-276.

Long, J. R., Zhao, L. J., Liu, P. Y., Lu, Y., Dvornyk, V., Shen, H., Liu, Y. J., Zhang, Y. Y., Xiong, D. H., Xiao, P., & Deng, H. W. (2004). Patterns of linkage disequilibrium and haplotype distribution in disease candidate genes. *BioMedical Central (BMC) Genetics*, 5(1), 11.

Lynch, H. T., Coronel, S. M., Okimoto, R., Hampel, H., Sweet, K., Lynch, J. F., Barrows, A., Wijnen, J., van der Klift, H., Franken, P., Wagner, A., Fodde, R., & de la Chapelle, A. (2004). A founder mutation of the MSH2 gene and hereditary nonpolyposis colorectal cancer in the United States. *Journal of the American Medical Association*, 291, 718-724.

Lynch, H. T., Deters, C. A., Hogg, D., Lynch, J. F., Kinarsky, J., & Gatalica Z. (2003). Familial sarcoma: Challenging pedigrees. *Cancer*, 98, 1947-1957.

- Lynch, H. T., & Lynch, J. F. (2004). Hereditary nonpolyposis colorectal cancer (Lynch syndrome). In W. Scheppach, R. S. Bresalier, & G. N. J. Tytgat (Eds.), *Gastrointestinal and liver tumors* (pp. 142-159). Berlin, Germany: Springer-Verlag.
- Lynch, H. T., Lynch, J. F., & Fitzgibbons Jr., R. J. (2003). Role of prophylactic colectomy in the Lynch syndrome. Commentary on Scaife and Rodriguez-Bigas, Lynch syndrome – Implications for the surgeon. *Clinical Colorectal Cancer*, 3(2), 99-101.
- Lynch, H. T., Lynch, J. F., Shaw, T. G., & Lubinski, J. (2003). HNPCC (Lynch syndrome): Differential diagnosis, molecular genetics and management — A review. *Hereditary Cancer in Clinical Practice*, 1, 7-18.
- Lynch, H. T., Marcus, J. N., Lynch, J. F., Snyder, C. L., & Rubinstein, W. S. (2004). Breast cancer genetics: Heterogeneity, molecular genetics, syndrome diagnosis, and genetic counseling. In K. I. Bland, & E. M. Copeland III (Eds.), *The breast: Comprehensive management of benign and malignant disorders* (3<sup>rd</sup> ed., vol. 1, pp., 376-411). St. Louis, MO: Saunders.
- Lynch, H. T., Riley, B. D., Weissman, S., Coronel, S. M., Kinarsky, Y., Lynch, J. F., Shaw, T. G., & Rubinstein, W. S. (2004). Hereditary nonpolyposis colorectal carcinoma (HNPCC) and HNPCC-like families: Problems in diagnosis, surveillance, and management. *Cancer*, 100, 53-64.
- Lynch, H. T., Shaw, T. G., & Lynch, J. F. (2004). Inherited predisposition to cancer: A historical overview. *American Journal of Medical Genetics (Seminars in Medical Genetics)*, 129C, 5-22.
- Lynch, H. T., Tinley, S. T., Lynch, J. F., & Attard, T. M. (2004). Challenging pedigrees seen in a hereditary cancer consultation center. *Cancer Genetics & Cytogenetics*, 153, 91-101.
- Lynch, H. T., Tinley, S. T., Shaw, T. G., Lynch, J. F., Howe, J. R., & Attard, T. M. (2004). Challenging colonic polyposis pedigrees: Differential diagnosis, surveillance, and management concerns. *Cancer Genetics & Cytogenetics*, 148, 104-117.
- Madison, J. K., Petty, F., & Marcil, W. (2004) Eating disorders: A review. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xPharm.com>
- Madison, J. K., & Ruma, S. L. (2003). Exercise and athletic involvement as moderators of severity in adolescents with eating disorders. *Journal of Applied Sport Psychology*, 15, 213-222.
- Maklad, A., Fritsch, B., & Hansen, L. A. (2004). Innervation of the maxillary vibrissae in mice as revealed by anterograde and retrograde tract tracing. *Cell Tissue Research*, 315, 167-180.
- Malin, P. J., Wengel, S. P., & Burke, W. J. (2004). Escitalopram: Better treatment for depression is through the looking glass. *Expert Review of Neurotherapeutics*, 4(5), 769-779.
- Marcil, W., Petty, F., & Wilson, D. R. (2004). Anxiety disorders. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xPharm.com>

- Marcil, W., Petty, F., & Wilson, D. R. (2004). Schizophrenia. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xPharm.com>
- Marcil, W., Sharma, A., Petty, F., & Wilson, D. R. (2004). Opioid abuse. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xPharm.com>
- Marcil, W., Wilson, D. R., & Petty, F. (2004). Endogenous depression. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xPharm.com>
- Markert, R. J., Rich, E., Maio, A., Houghton, B., Sakowski, H., Haist, S., & Hillson, S. (2004). Comparative value of clinical information in making a diagnosis. *Medscape General Medicine* [On-line], 6(2).
- McBean, L. D., Miller, G. D., & Heaney, R. P. (2004). Effect of cow's milk on human health. In T. Wilson & N. J. Temple (Eds.), *Beverages in nutrition and health* (pp. 205-221). Totowa, NJ: Humana Press.
- McCarron, D. A., & Heaney, R. P. (2004). Estimated healthcare savings associated with adequate dairy food intake. *American Journal of Hypertension*, 17, 88-97.
- McClung, M. R., Wasnich, R. D., Recker, R., Cauley, J. A., Chesnut III, C. H., Ensrud, K. E., Burdeska, A., Mills, T. [for the Oral Ibandronate Study Group]. (2004). Oral daily ibandronate prevents bone loss in early postmenopausal women without osteoporosis. *Journal of Bone & Mineral Research*, 19, 11-18.
- McElroy, S., & Wilson, D. R. (2003). Clinical equivalents in phenotypic expression: Implications for research and care. In D. R. Wilson & H. S. Akiskal (Eds.), *Darwinian evolution & psychopathology*. Valencia, CA: APA Symposium 62 (CEU Audio), Mobiltape.
- McQuellon, R. P., Loggie, B. W., Lehman, A. B., Russell, G. B., Fleming, R. A., Shen, P., & Levine, E. A. (2003). Long-term survivorship and quality of life after cytoreductive surgery plus intraperitoneal hyperthermic chemotherapy for peritoneal carcinomatosis. *Annals of Surgical Oncology*, 10(2), 155-162.
- Meijers-Heijboer, H., Wijnen, J., Vasen, H., Wasielewski, M., Wagner, A., Hollestelle, A., Elstrodt, F., van denBox, R., de Snoo, A., Tjon, A., Fat, G., Brekelmans, C., Jagmohan, S., Franken, P., Verkuijlen, P., van den Ouweland, A., Chapman, P., Tops, C., Möeslein, G., Burn, J., Lynch, H., Klijn, J., Fodde, R., & Schutte, M. (2003). The CHEK2 1100delC mutation identifies families with a hereditary breast and colorectal cancer phenotype. *American Journal of Human Genetics*, 72, 1308-1314.
- Memon, M. A., & Fitzgibbons Jr., R. J. (2004). Hand-assisted laparoscopic surgery for colorectal malignancies. *Journal of the College of Physicians Surgeons — Pakistan*, 14(9), 566-569.
- Mizes, J. S., Heffner, M., Madison, J. K., & Varnado-Sullivan, P. (2004). The validity of subjective measures of body image disturbance. *Eating Behaviors*, 5, 55-66.

Mo, X. Y., Cao, C. K., Xu, F. H., Liu, M. Y., Li, M. X., Qin, Y. J., Zhou, Q., Zhang, Y. Y., & Deng, H. W. (2004). Lack of association between the Hind III RFLP of the osteocalcin (BGP) gene with bone mineral density (BMD) in healthy Chinese pre- and post-menopausal women. *Journal of Bone & Mineral Metabolism*, 22, 264-269.

Moland, E. S., Black, J. A., Hossain, A., Hanson, N. D., Thomson, K. S., & Pottumarthy, S. (2003). Discovery of CTX-M-like extended-spectrum  $\beta$ -lactamases in *Escherichia coli* isolates from five U.S. states. *Antimicrobial Agents & Chemotherapy*, 47, 2382-2383.

Monaghan, M. S., Galt, K. A., Turner, P. D., Houghton, B. L., Rich, E. C., Markert, R. J., & Bergman-Evans, B. (2003). Student understanding of the relationship between the health professions and the pharmaceutical industry. *Teaching & Learning in Medicine*, 15(1), 14-20.

Monaghan, M. S., Turner, P. D., Houghton, B. L., Markert, R. J., Galt, K. A., Bergman-Evans, B., & Rich, E. C. (2003). Pharmacotherapy cost comparison among health professional students. *American Journal of Pharmaceutical Education*, 67(3), Article 7, 1-8.

Muhammad, J., Marcil, W., Wilson, D. R., & Petty, F. (2004). Attention deficit hyperactivity disorder. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xPharm.com>

Muller, M., Jabs, N., Lork, D. E., Fritsch, B., & Sander, M. (2003). Nkx6.1 controls migration and axon pathfinding of cranial branchio-motoneurons. *Development*, 130, 5815-5826.

Murray, N. R., Jamieson, L., Yu, W., Zhang, J., Gokmen-Polar, Y., Sier, D., Anastasidis, P., Gatalica, Z., Thompson, E. A., & Fields, A. P. (2004). Protein kinase C is required for ras transformation and colon carcinogenesis *in vivo*. *Journal of Cell Biology*, 164, 797-802.

Nawaz, Z., & O'Malley, B. W. (2003). Urban renewal in the nucleus: Is protein turnover by proteasomes required for transcription? *Molecular Endocrinology*, 18, 493-499.

Neumayer, L., Giobbie-Hurder, A., Jonasson, O., Fitzgibbons Jr., R. J., et al. (2004). Open mesh versus laparoscopic mesh repair of inguinal hernia. *New England Journal of Medicine*, 350(18), 1819-1827.

Nie, L., Song, H., Chen, M. F., Chiamvimonvat, N., Beisel, K. W., Yamoah, E. N., & Vazquez, A. E. (2004). Cloning and expression of a small-conductance Ca(2+)-activated K<sup>+</sup> channel from the mouse cochlea: Coexpression with alpha9/alpha10 acetylcholine receptors. *Journal of Neurophysiology*, 91(4), 1536-1544.

Norton, N. S., Barritt, L. C., Richards, A., & Quinn, T. H. (2003). Levator claviculae: A report on the presence of the muscular variation in the cadaver. *American Association of Clinical Anatomy*, 19, 248.

O'Brien, R. L. (2004). Darkness cometh: Personal, social and economic burdens of Alzheimer's disease. In R. B. Purtilo & H. ten Have (Eds.), *Ethical foundations for palliative care for Alzheimer's disease* (pp. 7-23). Baltimore: John Hopkins University Press.

- O'Brien, R. L. (2004, Summer). Will Medicare collapse under its own weight? *Creighton University Magazine*, 23-31.
- O'Brien, R. L., & Deckers, W. J. M. (2004). Framework for an educational module for health professionals. In R. B. Purtilo & H. ten Have (Eds.), *Ethical foundations for palliative care for Alzheimer's disease* (pp. 348-353). Baltimore: John Hopkins University Press.
- O'Donohue, H. A., Abel, P. W., & Bockman, C. S. (2004). Pharmacological properties of serotonin receptor subtypes mediating contraction of bovine inferior alveolar arteries. *Archives of Oral Biology*, 49(3), 223-232.
- Ohri, L., Manley, J. M., Chatterjee, A., & Cornish, N. (2004). Pediatric case series evaluating a standardized candida albicans skin test product. *Annals of Pharmacotherapy*, 38, 973-977.
- Ouyang, Y. S., Tu, Y., Barker, S. A., & Yang, F. Y. (2003). RGS4: Insertion into model membranes and inhibition of activity by phosphatidic acid. *Journal of Biological Chemistry*, 278, 11115-11122.
- Ouyang, Y. S., Tu, Y., & Yang, F. Y. (2003). The mutation in the N-terminal domain of RGS4 disrupts PA-conferred inhibitory effect on GAP activity. *Bioscience Reports*, 23, 213-224.
- Padala, P., Marcil, W., Wilson, D. R., & Petty, F. (2004). Nicotine and associated chemicals abuse. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xPharm.com>
- Paschalis, E. P., Recker, R., Dicarolo, E., Doty, S. B., Atti, E., & Boskey, A. L. (2003). Distribution of collagen cross-links in normal human trabecular bone. *Journal of Bone & Mineral Research*, 18, 1942-1946.
- Pedersen, W. (2004). Alzheimer's disease. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1132](http://www.xpharm.com/citation?Article_ID=1132)
- Perez, E. A., Geoffroy, F. J., Hillman, S., Johnson, E. A., Farr, G. H., Tazelaar, H. D., Hatfield, A. K., Krook, J. E., Mailliard, J. A., Levitt, R., & Marks, R. S. (2004). Phase II study of oral etoposide and intravenous paclitaxel in extensive-stage small cell lung cancer. *Lung Cancer*, 44, 347-353.
- Perry, B., Jensen-Smith, H. C., Ludueña, R. F., & Hallworth, R. (2003). Selective expression of  $\beta$  tubulin isotypes in gerbil vestibular sensory epithelia and neurons. *Journal of the Association for Research in Otolaryngology* [On-line], 4, 329-338. Available: 10 DOI: 10.1007/s10162-002-2048-4.
- Petzel, D., Waldron, P., & Towle, D. (2003). Seasonal expression of alpha-3 isoforms in killifish. *Maine Medical Society*.
- Pfeifer, P. C., & Yee, J. A. (2003). Effect of nicotine on osteoclastogenesis. *Medicine & Science in Sports & Exercise*, 35(5), S681.

- Pitchford, I., & Wilson, D. R. (2003). Evolutionary developmental psychopathology. In D. R. Wilson & H. S. Akiskal (Eds.), *Darwinian evolution & psychopathology*. Valencia, CA: APA Symposium 62 (CEU Audio), Mobiltape.
- Pitout, J. D., Reisbig, M. D., Chui, L., Louie, M., Crowe, L., Church, D. L., Elsayed, S., Gregson, D., Ahmed, R., Soule, G., Tilley, P., & Hanson, N. D. (2003). Association between the handling of pet treats and infection with *Salmonella enterica* serotype Newport expressing the AmpC  $\beta$ -lactamase, CMY-2. *Journal of Clinical Microbiology*, *41*, 4578-4582.
- Pitout, J. D. D., Hanson, N. D., Church, D. L., & Laupland, K. B. (2004). Population-based laboratory surveillance for *Escherichia coli*-producing extended-spectrum  $\beta$ -lactamases: Importance of community isolates with blaCTX-M genes. *Clinical Infectious Disease* *38*, 1736-1741.
- Pitout, J. D. D., Reisbig, M. D., Vennter, E. C., Church, D. L., & Hanson, N. D. (2003). Modification of the double-disk test for the detection of *Enterobacteriaceae* producing extended-spectrum (ESBLs) and AmpC  $\beta$ -Lactamases. *Journal of Clinical Microbiology*, *41*, 3933-3935.
- Pompeia, C., Hurle, B., Belyantseva, I. A., Noben-Trauth, K., Beisel, K., Gao, J., Buchoff, P., Wistow, G., & Kachar, B. (2004). Gene expression profile of the mouse organ of Corti at the onset of hearing. *Genomics*, *83*(6), 1000-1011.
- Popnikolov, N. K., Ayala, A. G., Graves, K., & Gatalica, Z. (2003). Benign myoepithelial tumors of the breast have immunophenotypical characteristics similar to metaplastic matrix producing and spindle cell carcinomas. *American Journal of Clinical Pathology*, *120*, 161-167.
- Prussin, C., Griffith, D., Boesel, K., Lin, H., Foster, B., & Casale, T. (2003). Omalizumab treatment down regulates dendritic cell Fc $\epsilon$ R1 expression. *Journal of Allergy & Clinical Immunology*, *112*(6), 1147-1154.
- Purtilo, R. (2004). Genetic labels and long term care policies: A winning or losing proposition for patients? In G. Magill (Ed.), *Genetics and ethics: An interdisciplinary study* (pp. 153-163). Saint Louis: St. Louis University Press.
- Purtilo, R. (2004). Professional-patient relationship III: Ethical issues. In S. Post (Ed.), *Encyclopedia of bioethics* (3<sup>rd</sup> ed., vol. 3., pp. 2150-2158). New York: McMillan & Company.
- Purtilo, R. (2004). Social marginalization of persons: Ethical implications for persons with Alzheimer's disease. In R. B. Purtilo & H. A. M. J. ten Have (Eds.), *Ethical foundations of palliative care for Alzheimer's disease* (chap. 18, pp. 290-304). Baltimore: Johns Hopkins University Press.
- Purtilo, R. (2004). Teams, healthcare. In S. Post (Ed.), *Encyclopedia of bioethics* (3<sup>rd</sup> ed., vol. 5., pp. 2495-2497). New York: McMillan & Company.
- Purtilo, R. & ten Have, H. A. M. J. (Eds.). (2004). *Ethical foundations of palliative care for Alzheimer's disease*. Baltimore, MD: The Johns Hopkins University Press.
- Quinn, T. H. (2003). Crushing injury of trachea and bronchus. In *Medical evidence*. James Publishing.

- Quinn, T. H. (2003). Delayed laceration of spleen In *Medical evidence*. James Publishing.
- Quinn, T. H. (2003). Fracture of larynx and hyoid bone. In *Medical evidence*. James Publishing.
- Quinn, T. H. (2003). Medical evidence highlights. In *Medical evidence*. James Publishing.
- Quinn, T. H. (2003). Pelvic fracture and open bladder injury. In *Medical evidence*. James Publishing.
- Quinn, T. H. (2003). Pulmonary embolism. In *Medical evidence*. James Publishing.
- Raghavan S. C., Swanson, P. C., Wu, X., Hsieh, C.-L., & Lieber, M. R. (2004). A non-B DNA structure at the bcl-2 major breakpoint region is cleaved by the RAG complex. *Nature*, 428, 29-31.
- Ramaswamy, S., Dahl, E., Sattar, S. P., & Petty, F. (2004). Sotalol-induced depression. *Annals of Pharmacotherapy*, 38, 1321-1322.
- Ramaswamy, S., Dewan, V., Marcil, W., Sattar, S. P., Fernandes, P. P., & Petty, F. (2004). Aripiprazole possibly worsens psychosis. *International Clinical Psychopharmacology*, 19(1), 45-48.
- Rana, M., Ramaswamy, S., Marcil, W., Petty, F., & Wilson D. R. (2004). Posttraumatic stress disorder. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xPharm.com>
- Rapuri, P. B., Gallagher, J. C., Knezetic, J. A., Kinyamu, H. K., & Ryschon, K. L. (2004). Association between vitamin D receptor polymorphisms and the rate of bone loss in elderly women-importance of adjusting for dietary and lifestyle factors. *Journal of Steroid Biochemistry & Molecular Biology*, 89-90(1-5), 503-506.
- Rebbeck, T. R., Friebel, T., Lynch, H. T., Neuhausen, S. L., van 't Veer, L., Garber, J. E., Evans, G. R., Narod, S. A., Isaacs, C., Matloff, E., Daly, M. B., Olopade, O. I., & Weber, B. L. (2004). Bilateral prophylactic mastectomy reduces breast cancer risk in BRCA1 and BRCA2 mutation carriers: The PROSE study group. *Journal of Clinical Oncology*, 22, 1055-1062.
- Recker, R., Lappe, J., Davies, K. M., & Heaney, R. (2004). Bone remodeling increases substantially in the years after menopause and remains increased in older osteoporosis patients. *Journal of Bone & Mineral Research*, 19, 1628-1633.
- Recker, R. R. (2003). Transmenopausal and age-related changes in bone remodeling. *Journal of Musculoskeletal & Neuronal Interactions*, 3, 411-412.
- Recker, R. R. (2004). Genetic research in osteoporosis: Where are we? Where should we go next? *Journal of Musculoskeletal & Neuronal Interactions*, 4, 86-90.
- Recker, R. R., & Barger-Lux, M. J. (2003). Bone biopsy and histomorphometry in clinical practice. In M. J. Favus (Ed.), *Primer on the metabolic bone diseases and disorders of mineral metabolism* (5<sup>th</sup> ed., chap. 8, pp. 213-219). Washington, DC: American Society for Bone & Mineral Research.

- Recker, R. R., Weinstein, R. S., Chesnut III, C. H., Schimmer, R. C., Mahoney, P., Hughes, C., Bonvoisin, B., & Meunier, P. J. (2004). Histomorphometric evaluation of daily and intermittent oral ibandronate in women with postmenopausal osteoporosis: Results from the BONE study. *Osteoporosis International*, *15*, 231-237.
- Reidelberger, R. D., Castellanos, D. A., & Hulce, M. (2003). Effects of peripheral CCK receptor blockade on food intake in rats. *American Journal of Physiology-Regulatory, Integrative & Comparative Physiology*, *285*, R429-437.
- Reidelberger, R. D., Haver, A. C., Arnelo, U., Smith, D. D., Schaffert, C. S., & Permert, J. (2004). Amylin receptor blockade stimulates food intake in rats. *American Journal of Physiology-Regulatory, Integrative & Comparative Physiology*, *287*, R568-574.
- Reidelberger, R. D., Hernandez, J., Fritsch, B., & Hulce, M. (2004). Abdominal vagal mediation of the satiety effects of CCK in rats. *American Journal of Physiology-Regulatory, Integrative & Comparative Physiology*, *286*, R1005-1012.
- Reiner, A., Perkel, D. J., Bruce, L. L., Butler, A. B., Csillag, A., Kuenzel, W., Medina, L., Paxinos, G., Shimizu, T., Striedter, G., Wild, M., Ball, G. F., Durand, S., Güntürkün, O., Lee, D., Mello, C. V., Powers, A., White, S. A., Hough, G., Kubikova, L., Smulders, T. V., Wada, K., Dugas-Ford, J., Husband, S., Yamamoto, K., Yu, J., Siang, C., & Jarvis, E. D. (2004). Avian nomenclature forum. Revised nomenclature for avian telencephalon and some related brainstem nuclei. *Journal of Comparative Neurology*, *473*(3), 377-414.
- Reiner, A., Perkel, D. J., Bruce, L. L., Butler, A. B., Csillag, A., Kuenzel, W., Medina, L., Paxinos, G., Shimizu, T., Striedter, G., Wild, M., Ball, G. F., Durand, S., Güntürkün, O., Lee, D., Mello, C. V., Powers, A., White, S. A., Hough, G., Kubikova, L., Smulders, T. V., Wada, K., Dugas-Ford, J., Husband, S., Yamamoto, K., Yu, J., Siang, C., & Jarvis, E. D. (2004). Avian nomenclature forum. The avian brain nomenclature forum: Terminology for a new century of comparative neuroanatomy. *Journal of Comparative Neurology* [On-line], *473*, E1-E6.
- Reneker, L. W., Zie, L., Xu, L., Govindarajan, V., & Overbeek, P. A. (2004). Activated Ras induces lens epithelial cell hyperplasia but not premature differentiation. *International Journal of Developmental Biology*, *48*, 879-888.
- Rich, E. C., Burke, W., Heaton, C. J., Haga, S., Pinsky, L., Short, M. P., & Acheson, L. (2004). Reconsidering the family history in primary care. *Journal of General Internal Medicine*, *19*(3), 273-280.
- Richards, A., Digges, N., Norton, N. S., Quinn, T. H., Say, T., Galer, C., & Lydiatt, K. (2003). The relationship of parotid duct anatomy to development of postoperative fistula. *American Association of Clinical Anatomy*, *19*, 97.
- Richards, A. T., Digges, N., Norton, N. S., Quinn, T. H., Say, P., Galer, C., & Lydiatt, K. (2004). The surgical anatomy of the parotid duct with emphasis on the relationship of the facial nerve and major tributaries forming the duct. *Clinical Anatomy*, *17*(6), 463-467.

- Roland, I. H., Yang, W.-L., Yang, D.-H., Daly, M. B., Ozols, R. F., Hamilton, T. C., Lynch, H. T., Godwin, A. K., & Xu, X.-X. (2003). Loss of surface and cyst epithelial basement membranes and preneoplastic morphologic changes in prophylactic oophorectomies. *Cancer*, *98*, 2607-2623.
- Roy, H. K., & Lynch, H. T. (2003). Diagnosing Lynch syndrome: Is the answer in the mouth? *Gut*, *52*, 1665-1667.
- Rubin, C., Recker, R., Cullen, D., Ryaby, J., McCabe, J., & McLeod, K. (2004). Prevention of postmenopausal bone loss by a low-magnitude, high-frequency mechanical stimuli: A clinical trial assessing compliance, efficacy and safety. *Journal of Bone & Mineral Research*, *19*, 343-351.
- Sattar, S. P., Ahmed, M. S., Majeed, F., & Petty, F. (2004). Inert medication ingredients causing medication non-adherence due to religious beliefs. *Annals of Pharmacotherapy*, *38*, 621-624.
- Sattar, S. P., & Bhatia, S. C. (2003). Benzodiazepine use in substance abusers [Letter]. *Current Psychiatry*, *2*(9), 1010-1011.
- Sattar, S. P., & Bhatia, S. C. (2003). Benzodiazepines for substance abusers: Yes or no? *Current Psychiatry*, *2*(5), 943-955.
- Sattar, S. P., & Bhatia, S. C. (2003). Olanzapine for cocaine cravings and relapse prevention. *Journal of Clinical Psychiatry*, *64*(8), 969.
- Sattar, S. P., Fernandes, P. P., & Bhatia, S. C. (2003). Potential use of adjunctive novel-antipsychotics with depot-haloperidol in non-compliant patients. *Psychiatric Services*, *54*(7), 1040-1041.
- Sattar, S. P., Fernandes, P. P., Bhatia, S. C., & Petty, F. (2003). Potential use of adjunctive novel antipsychotics with depot haloperidol in non-compliant patients. *Psychiatric Services*, *54*(7), 1040-1041.
- Sattar, S. P., Grant, K., & Bhatia, S. C. (2003). Venlafaxine abuse. *New England Journal of Medicine*, *348*(8), 764-765.
- Sattar, S. P., Grant, K., Bhatia, S. C., & Petty F. (2003). Potential use of olanzapine in treatment of substance dependence disorders. *Journal of Clinical Psychopharmacology*, *23*(4), 413-415.
- Sattar, S. P., Petty, F., & Burke, W. (2003). Alcohol dependence: Diagnosis and treatment in the geriatric population. *Geriatric Clinics of North America*. *Clinics in Geriatric Medicine*, *19*(4), 743-761.
- Sattar, S. P., Pinals, D. A., & Gutheil, T. G. (2004). Countering counter-transference II: Beyond evaluation to cross-examination. *Journal of the American Academy of Psychiatry & the Law*, *32*(1), 148-154.
- Sattar, S. P., Ramaswamy, S., Bhatia, S., & Petty, F. (2003). Somnambulism due to possible interaction of valproic acid and zolpidem. *The Annals of Pharmacotherapy*, *37*, 1429-1433.

Schaefer, P. L., Marks, R. S., Mahoney, M. R., Sloan, J. A., Bauman, M. D., Tazelaar, H. D., Kugler, J. W., Mailliard, J. A., Ebbert, L. P., & Wiesenfeld, M. (2003). Randomized phase II study of daily versus continuous-infusion schedules of topotecan in the treatment of extensive-stage small cell lung cancers. *American Journal of Clinical Oncology*, 26(3), 236-240.

Schild, S. E., Bonner, J. A., Shanahan, T. G., Brooks, B. J., Marks, R. S., Geyer, S. M., Hillman, S. L., Farr, G. H., Tazelaar, H. D., Krook, J. E., Geoffroy, F. J., Salim, M., Arussell, R. M., Mailliard, J. A., Schaeffer, P. L., & Jett, J. R. (2004). Long term results of a phase III trial comparing once-daily radiotherapy with twice-daily radiotherapy in limited stage small cell lung cancer. *International Journal of Radiation Oncology, Biology, Physics*, 59(9), 943-951.

Schriml, L. M., Hill, D. P., Blake, J. A., Bono, H., Wynshaw-Boris, A., Pavan, W., Ring, B. Z., Beisel, K., Setou, M., Okazaki, Y., & Hayashizaki, Y. (2003). Human disease genes and their mouse orthologs: Exploration of the FANTOM2 dataset. *Genome Research*, 13(6B), 1496-1500.

Schultheis, M. E., Fitzgibbons Jr., R. J., & Quinn, T. H. (2004). Musculoskeletal and neurovascular anatomy of the inguinal preperitoneal space. In B. V. Mac Fayden (Ed.), *Laparoscopic surgery of the abdomen*. New York: Springer.

Scofield, M. A. (2004). Nucleic acid principles. *x-Pharm* [On-line]. Available: [http://www.xpharm.com/citation?Article\\_ID=97](http://www.xpharm.com/citation?Article_ID=97)

Seker, H., Rubbi, C., Linke, S. P., Bowman, E. D., Garfield, S., Hansen, L., Borden, K. L. B., Milner, J., & Harris, C. C. (2003). DNA damage induces p53 dependent nuclear trafficking of PML. *Oncogene*, 22, 1620-1628.

Shara, M., Ohia, S. E., Schmidt, R. E., Yasmin, T., Zardetto-Smith, A., Kincaid, A., Bagchi, M., Chatterjee, A., Bagchi, D., & Stohs, S. J. (2004). Physico-chemical properties of a novel (-) hydroxycitric acid extract and its effect on body weight, selected organ weights, hepatic lipid peroxidation and DNA fragmentation, hematology and clinical chemistry, and histopathological changes over a period of ninety days. *Molecular & Cellular Biochemistry*, 260, 171-186.

Shara, M., Ohia, S. E., Yasmin, T., Zardetto-Smith, Z., Kincaid, A., Bagchi, M., Chatterjee, A., Bagchi, D., & Stohs, S. J. (2003). Dose- and time-dependent effects of a novel (-)-hydroxycitric acid extract on hepatic and testicular lipid peroxidation, DNA fragmentation and histopathological data over a period of nine days in rats. *Molecular & Cellular Biochemistry*, 254, 339-346.

Shen, H., Recker, R. R., & Deng, H. W. (2003). Molecular and genetic mechanisms of osteoporosis: Implication for treatments [Invited review]. *Current Molecular Medicine*, 3, 737-757.

Shen, P., Hawksworth, J., Lovato, J., Loggie, B., Geisinger, K. R., Fleming, R., & Levine, E. A. (2004). Cytoreductive surgery and intraperitoneal hyperthermic chemotherapy with mitomycin C for peritoneal carcinomatosis from non-appendiceal colorectal carcinoma. *Annals of Surgical Oncology*, 11(2), 178-186.

Shen, P., Levine, E. A., Hall, J., Case, D., Russell, G., Fleming, R. A., McQuellon, R. P., Geisinger, K. R., & Loggie, B. (2003). Factors predicting survival following intraperitoneal hyperthermic chemotherapy with mitomycin C after cytoreductive surgery for patients with peritoneal carcinomatosis. *Archives of Surgery* [On-line], 138, 26-33. Available: <http://archsurg.ama-assn.org/issues/v138n1/rfull/soa2119.html>

Shen, P., Levine, E. A., & Loggie, B. (2004). Peritoneal carcinomatosis: What can we do about it? *Journal of Clinical Oncology*, 22(1), 202.

Sokol, M. S. (2003, Spring). Help your child maintain a healthy weight. *Just Kids*.

Sokol, M. S., & Powell C. (2004, May/June). Assertive family communication: Tips for parents of adolescents with eating disorders. *Eating Disorders Today: A Newsletter for Recovering Individuals & Their Loved-ones*.

Sonnevend, A., Knoop, F. C., Patel, M., Pál, T., Soto, A. M., & Conlon, J. M. (2004). Antimicrobial properties of the frog skin peptide, ranatuerin-1 and its [Lys-8]-substituted analog. *Peptides*, 25(1), 29-36.

Sonnino, R. E. (2003). [Photographs]. In *Synapse 2003: The University of Kansas Medical Center Creative Arts Journal* (15<sup>th</sup> ed., pp. 5, 27).

Sonnino, R. E. (2004). Medical photography [On-line]. Available: <http://www.hiresphotos.com>

Sonnino, R. E. (AAMC reporter). (2004, March). Portraits in medical education photography contest — “Teamwork” [On-line]. Available: <http://www.aamc.org/newsroom/reporter/march04/photocontest.htm>

Sonnino, R. E. (2004, Winter). Verona fountain, Kansas City [Cover art]. In *Medical Directory of Greater Kansas City 2003-2004*.

Sonnino, R. E. (2004, Winter). [Photographs]. *SELAM International News*, 7(1), 11, 32.

Soukup, J. K., & Soukup, G. A. (2004). Riboswitches exert genetic control through metabolite-induced conformational change. *Current Opinion in Structural Biology*, 14, 344-349.

Stokes, J., & Casale, T. B. (2004). Rationale for new treatments aimed at IgE immunomodulation. *Annals of Allergy, Asthma, & Immunology*, 93, 212-217.

Sullivan, P. M. (2003). Children with disabilities and healthy people 2010: A call to action. In *Disability and secondary conditions: Focus area 6* (pp. 83-94). Atlanta, GA: Centers for Disease Control & Prevention.

Sullivan, P. M. (2003). Violence against children with disabilities: Prevention, Public policy, and research implications. In M. Marge (Ed.), *A Call to action: Ending crimes of violence against children and adults with disabilities* (pp. 127-157). Syracuse, NY: SUNY Upstate Medical University Press.

Svolos, T. (2003). Lacan [Letter to the editor]. *The Bulletin for Section #44 (Psychotherapy) of the World Psychiatric Association and the ASCAP Society*, 4(2), 4.

Svolos, T. (2003). The specificity of psychoanalysis relative to psychotherapy. *Psychoanalytical Notebooks*, 10, 181-196.

Svolos, T. (2004). Asociacion Mundial de Psicoanalisis: Psicoanálisis y terapéutica: Textos de referencia [On-line]. Available: [http://www.wapol.org/psico\\_tera/index.html](http://www.wapol.org/psico_tera/index.html)

Svolos, T. M. (2003). La spécificité de psychanalyse par rapport à la psychothérapie [The specificity of psychoanalysis relative to psychotherapy, French transl. by J. Joucla & A. Lecroart]. *Mental [Soigner par la psychanalyse]*, 13, 58-73.

Svolos, T. M. (2004). Fantasy as the axiom of the unconscious. *Journal for Lacanian Studies* 2(1), 4-17.

Svolos, T. M. (2004). [Review of E. F. Pace-Schott, M. Solms, M. Blagrove, & S. Harnad (Eds.), *Sleep and dreaming: Scientific advances and reconsideration*]. *Journal of Child Neurology*, 19(4), 311.

Svolos, T. M. (2004). Terrible events and their relation to the universal trauma of subjectivity. *Analysis*, 11, 74-90.

Svolos, T. M. (2004). The therapeutic use of psychoanalysis. *Mental [On-line]*, 13. Available: <http://www.mental-nls.com/ressources/fichiers/Mental13/Svolos.pdf>

Svolos, T. M. (2004, June). Introduction to the clinic of the transference. *Center News*, 29.

Swanson, P. C. (2004). The bounty of RAGs: Recombination signal complexes and reaction outcomes. *Immunological Reviews*, 200, 90-114.

Swanson, P. C., Volkmer, D., & Wang, L. (2004). Full-length RAG-2, and not full-length RAG-1, specifically suppresses RAG-mediated transposition, but not hybrid joint formation or disintegration. *Journal of Biological Chemistry*, 279, 4034-4044.

Sweet, K. M., & Lynch, H. T. (2004). Genetic aetiology of diffuse gastric cancer: So near, yet so far. Commentary on the paper by Brooks-Wilson et al. *Journal of Medical Genetics*, 41, 481-483.

ten Have, H. A. J. M., & Purlito, R. B. (2004). Historical overview of a current global challenge [Introduction]. In R. B. Purlito & H. A. M. J. ten Have (Eds.), *Ethical foundations of palliative care for Alzheimer's disease* (pp. 1-4). Baltimore: Johns Hopkins University Press.

Tessarollo, L., Coppola, V., & Fritsch, B. (2004). NT-3 replacement with brain-derived neurotrophic factor redirects vestibular nerve fibers to the cochlea. *Journal of Neuroscience*, 24, 2575-2584.

Thomson, K. S., & Lister, P. D. (2004). Other  $\beta$  lactam antibiotics. In S. L. Gorbach, J. G. Bartlett, & N. R. Blacklow, *Infectious diseases* (3<sup>rd</sup> ed., pp. 204-208). W. B. Lippincott Williams & Wilkins.

- Thomson, K. S., & Moland, E. S. (2004). CS-023 (R-115685), novel carbapenem with enhanced *in vitro* activity against oxacillin-resistant *staphylococci* and *Pseudomonas aeruginosa*. *Journal of Antimicrobial Chemotherapy*, *54*, 557-562.
- Tian, Y., Li, M., Fritsch, B., & Zuo, J. (2004). Creation of a transgenic mouse for hair-cell gene targeting by using a modified bacterial artificial chromosome containing prestin. *Developmental Dynamics*, *231*, 199-203.
- Tierney, B. J., Ho, T., Reedy, M. V., & Brauer, P. R. (2004). Homocysteine inhibits cardiac neural crest cell formation and morphogenesis *in vivo*. *Developmental Dynamics*, *229*, 63-73.
- Tinley, S., Houfek, J., Watson, P., Wenzel, L., Clark, M. B., Coughlin, S., & Lynch, H. T. (2004). Screening adherence in BRCA1/2 families is associated with primary physicians' behavior. *American Journal of Medical Genetics*, *125A*, 5-11.
- Tu, Y., Nayak, S. K., Woodson, J., & Ross, E. M. (2003). Phosphorylation-regulated inhibition of the G<sub>2</sub> GAP activity of RGS proteins by synapsin I. *Journal of Biological Chemistry*, *278*, 52273-52281.
- Tu, Y., & Wilkie, T. M. (2004). Allosteric regulation of RGS domain gap activity. *Methods in Enzymology*, *389*, 89-105.
- Van Arsdale, S. (2004). Student perspective: The NYI Interview. [Photographs by R. E. Sonnino]. *NYIP Online Magazine* [On-line]. Available: <http://www.nyip.com/tips/perspective0704.php>
- Vander Top, E., Gentry-Nielsen, M., & Knoop, F. C. (2004). Poliomyelitis. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1475](http://www.xpharm.com/citation?Article_ID=1475)
- Vander Top, E., Gentry-Nielsen, M., & Knoop, F. C. (2004). Rabies. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1476](http://www.xpharm.com/citation?Article_ID=1476)
- Vander Top, E., Gentry-Nielsen, M., & Knoop, F. C. (2004). Trichomoniasis. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. Elsevier Science, Inc. Available: [http://www.xpharm.com/citation?Article\\_ID=1482](http://www.xpharm.com/citation?Article_ID=1482)
- Varilek, B. Z., Larson, P. D., Wright, R. R., Chatterjee, A., & Knapp, H. K. (2004). Acute disseminated encephalomyelitis following pleural empyema due to Boerhaave's syndrome. *Journal of Child Neurology*, *19*(3), 224-227.
- Velagaleti, G. V., Miettinen, M., & Gatalica, Z. (2004). Malignant peripheral nerve sheath tumor with rhabdomyoblastic differentiation (malignant triton tumor) with reciprocal translocation (7;9)(q11.2;p24) and unbalanced translocation der(16)t(1;16)(q23;q13). *Cancer Genetics Cytogenetics*, *149*, 23-27.

Vent, J., Bartels, S., Haynatzki, G., Gentry-Nielsen, M. J., Leopold, D. A., & Hallworth, R. (2003). The impact of ethanol and tobacco smoke on intranasal epithelium in the rat. *American Journal of Rhinology*, 17, 241-247.

Vent, J., Robinson, A. M., Conley, D. B., Gentry-Nielsen, M. J., Hallworth, R., Leopold, D. A., & Kern, R. C. (2004). Pathology of the olfactory epithelium: Smoking and ethanol exposure. *The Laryngoscope*, 114, 1383-1388.

Verma, S., Ismail, A., Li, X., O'Malley, B. W., & Nawaz, Z. (2004). Ubiquitin-conjugating enzyme, UBC7, modulates steroid hormone receptor functions by forming a complex with SRC-1. *Molecular & Cellular Biology*, 24(19), 8716-8726.

Viars, T. (2004). Dr. Roberta Sonnino, Professor of surgery — Touching lives with the human side of medicine. *MD News* [On-line], 2(2), 6-8. [Photographs by R. E. Sonnino]. Available: <http://www.creativeresultsinc.com/sonnino%201.htm>

Wagner, A., Barrows, A., Wijnen, J., van der Klift, H., Franken, P. F., Verkuijlen, P., Nakagawa, H., Geugien, M., Jagmohan-Changne, S., Breukel, C., Meijers-Heijboer, H., Moreau, H., van Puijenbroek, M., Burn, J., Coronel, S., Kinarsky, Y., Okimoto, R., Watson, P., Lynch, J. F., de la Chapelle, A., Lynch, H. T., & Fodde, R. (2003). Molecular analysis of hereditary nonpolyposis colorectal cancer in the United States: High mutation detection rate among clinical selected families and characterization of an American founder genomic deletion of the MSH2 gene. *American Journal of Human Genetics*, 72, 1088-1100.

Warsi, M., Marcil, W., & Petty, F. (2004). Hallucinogen abuse. In D. B. Bylund & S. J. Enna (Eds.), *xPharm* [On-line]. New York: Elsevier Science, Inc. Available: <http://www.xPharm.com>

Watson, P., Narod, S. A., Fodde, R., Wagner, A., Lynch, J. F., Tinley, S. T., Snyder, C. L., Coronel, S. A., Riley, B., Kinarsky, Y., & Lynch, H. T. (2003). Carrier risk status changes resulting from mutation testing in hereditary non-polyposis colorectal cancer and hereditary breast-ovarian cancer. *Journal of Medical Genetics*, 40, 591-596.

Wei, S. J., Trempus, C. S., Ali, R. C., Hansen, L. A., & Tennant, R. W. (2004). TPA and UV radiation-induced nucleoside diphosphate protein kinase B mediates neoplastic transformation of epidermal cells. *Journal of Biological Chemistry*, 279, 5993-6004.

Welie, J. V. M. (2004). The tendency of contemporary decision-making strategies to deny the condition of Alzheimer's disease. In R. B. Puri & H. A. M. J. ten Have (Eds.), *Ethical foundations of palliative care for Alzheimer's disease* (pp. 163-180). Johns Hopkins University Press.

Welie, J. V. M., & Gordijn, B. (2004). The Declaration of Berg en Dal on the ethical principles guiding palliative care of persons with Alzheimer's disease [Commentary]. In R. B. Puri & H. A. M. J. ten Have (Eds.), *Ethical foundations of palliative care for Alzheimer's disease* (app. A, pp. 343-347). Baltimore: Johns Hopkins University Press.

Wells, I. C., Agrawal, D. K., & Anderson, R. J. (2004). Abnormal magnesium metabolism in etiology of salt-sensitive hypertension and type 2 diabetes mellitus. *Biological Trace Element Research*, 98(2), 97-108.

Williams, M. A. (Ed.). (2003). *American Association of Cardiovascular and Pulmonary Rehabilitation guidelines for cardiac rehabilitation and secondary prevention programs* (4th ed.). Champaign: Human Kinetics.

Williams, M. A. (2004). Cardiovascular and respiratory structure and function. In R. Earle & T. Baechle (Eds.), *Essentials of personal training* (pp. 19-34). Champaign: Human Kinetics.

Wilson, D. R. (2003). Evolutionary epidemiology & neuropsychiatry. In D. R. Wilson & H. S. Akiskal (Eds.), *Darwinian evolution & psychopathology*. Valencia, CA: APA Symposium 62 (CEU Audio), Mobiltape.

Wilson, D. R. (2004). Schizophrenia as one extreme of a sexually selected fitness indicator [Commentary]. *Schizophrenia Research*, 59(1), 1-6.

Wilson, D. R., Sarkar, N., D'Souza, L., Newton, M., & Newman, M. (2003). New onset diabetes and ketoacidosis with novel antipsychotics. *Schizophrenia Research* [On-line], 58(1), 1-6. Available: <http://www.sciencedirect.com>

Wyatt, T. A., Gentry-Nielsen, M. J., & Sisson, J. H. (2004). Desensitization of PKA-stimulated ciliary beat frequency in an ethanol-fed rat model of cigarette smoke exposure. *Alcoholism: Clinical & Experimental Research*, 28, 998-1004.

Xiao, B., Deng, F. Y., Xiong, G., Wang, K., Zhang, J., Chen, X. D., Liu, Y. Z., & Deng, H. W. (2004). Clinical and genetic study on a new Chinese family with benign familial infantile convulsions. *European Journal of Neurology*, 11, 1-6.

Xiong, D. H., Long, J. R., Recker, R. R., & Deng, H. W. (2003). Pharmacogenomic approach to osteoporosis [Invited article]. *The Pharmacogenomics Journal*, 3, 261-263.

Xiong, G., Deng, F. Y., Xiao, B., Yang, X. S., Ning, J. C., Wu, Z. G., Wang, K., & Deng, H. W. (2004). Preliminary linkage analysis of a Chinese family with benign familial infantile convulsion. *Zhonghua Er Ke Za Zhi*, 42(6), 424-428.

Xu, F. H., Liu, Y. J., Huang, Q. Y., Zhao, L. J., Shen, H., Liu, Y. Z., Dvornyk, V., Conway, T., Li, J. L., Davies, M., Recker, R. R., & Deng, H. W. (2004). A follow-up linkage study for bone size variation in an extended sample. *Bone*, 35(3), 777-784.

Yan, F., Gao, X., Lonard, D. M., & Nawaz, Z. (2003). Specific ubiquitin-conjugating enzymes promote degradation of specific nuclear receptor coactivators. *Molecular Endocrinology*, 17, 1315-1331.

Yohannes, P., Hunter, W. J., & Prasad, M. (2004). Primary adenocarcinoma of cutaneous vesicostomy 40 years later, a rare case. *Archives of Pathology & Laboratory Medicine*, 128, e58-e59.

Zhang, T. F., Shui-Qing, L., Li-Shuang, G., & Wang, Z. Y. (2003). Inhibition of breast cancer cell growth by the Wilms' tumor suppressor WT1 is associated with a destabilization of  $\beta$ -catenin. *AntiCancer Research*, 23, 3575-3584.

Zhang, T. F., Yu, S. Q., Deuel, T. F., & Wang, Z. Y. (2003). Constitutive expression of Rb associated protein 46 (RbAp46) reverts transformed pheontypes of breast cancer cells. *AntiCancer Research*, 23, 3735-3740.

Zhang, T. F., Yu, S. Q., Loggie, B., & Wang, Z. Y. (2003). Inducible expression of RbAp46 activates C-Jun NH2-terminal kinase-dependent apoptosis and suppresses progressive growth of tumor xenografts in nude mice. *AntiCancer Research*, 23, 4621-4628.

Zhao, L. J., Liu, P. Y., Long, J. R., Lu, Y., Xu, F. H., Zhang, Y. Y., Shen, H., Xiao, P., Elze, L., Recker, R. R., & Deng, H. W. (2004). Test of linkage and/or association between the estrogen receptor alpha gene with bone mineral density for Caucasian families. *Bone*, 35(2), 395-402.

---

## NURSING

Bergman-Evans, B. (2003). [Review of D. E. Northrop & S. Cooper, *Health insurance resources: Options for people with a chronic disease or disability*]. *Doody's Review Service* [On-line]. Available: <http://www.doody.com>

Bergman-Evans, B. (2004). Beyond the basics: Effect of the Eden alternative model on quality of life issues of long term care. *Journal of Gerontological Nursing*, 30(6), 27-34.

Bergman-Evans, B. (2004). Nursing homes, not nursing hospitals [Guest editorial]. *Journal of Gerontological Nursing*, 30(6), 3.

Furlong, B. (2004). Health care for some, but borne on the backs of the poor. In M. deChesnay (Ed.), *Caring for the vulnerable* (pp. 431-440). Sudbury, MA: Jones & Bartlett Publisher.

Furlong, B., & Andrews, A. (2004). The process of becoming: From speciality practice to community-based nursing. *Nursing Leadership Forum*, 8(4), 146-149.

Heaney, R. P., Recker, R. R., & Lappe, J. M. (2003). Effects of calcium supplementation on serum lipid levels in postmenopausal women [Letter to editor]. *American Journal of Medicine*, 114, 620-621.

Monaghan, M. S., Galt, K. A., Turner, P. D., Houghton, B. L., Rich, E. C., Markert, R. J., & Bergman-Evans, B. (2003). Student understanding of the relationship between the health professions and the pharmaceutical industry. *Teaching & Learning in Medicine*, 15(1), 14-20.

Monaghan, M. S., Turner, P. D., Houghton, B. L., Markert, R. J., Galt, K. A., Bergman-Evans, B., & Rich, E. C. (2003). Pharmacotherapy cost comparison among health professional students. *American Journal of Pharmaceutical Education*, 67(3), 1-8.

Parsons, M. (2004). The impact of the Eden alternative on quality of life in nursing home residents [Doctoral dissertation]. Lincoln, NE: University of Nebraska-Lincoln

Pinch, W. J. E. (2004). Advance directives and end-of-life decision making in Alzheimer's disease: Practical challenges. In R. B. Purtilo & H. A. M. J. ten Have (Eds.), *Ethical foundations of palliative care for Alzheimer's disease* (pp. 181-199). Baltimore, MD: The Johns Hopkins University Press.

Recker, R., Lappe, J., Davies, K. M., & Heaney, R. (2004). Bone remodeling increases substantially in the years after menopause and remains increased in older osteoporosis patients. *Journal of Bone & Mineral Research*, 19, 1628-1633.

Wilken, M., Currier, S., Abel-Zieg, C., & Brady, L. A. (2004). A survey of compliance: Medicaid's mandated blood lead screenings for children age 12–18 months in Nebraska. *BMC Public Health* [On-line], 4(4). Available: <http://www.biomedcentral.com/content/pdf/1471-2458-4-4.pdf>

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## PHARMACY AND HEALTH PROFESSIONS

Amit, A., Saxena, V. S., Pratibha, N., Bagchi, M., Bagchi, D., & Stohs, S. J. (2003). Safety of a novel botanical extract formula for ameliorating allergic rhinitis. *Toxicology Mechanisms & Methods*, 13, 253-261.

Amit, A., Saxena, V. S., Pratibha, N., D'Souza, P., Bagchi, M., Bagchi, D., & Stohs, S. J. (2003). Mast cell stabilization, lipoxygenase inhibition, hyaluronidase inhibition, antihistaminic and anti-spasmodic activities of Aller-7, a novel botanical formulation for allergic rhinitis. *Drugs Under Experimental & Clinical Research*, 29, 107-115.

Atalay, M., Gordillo, G., Roy, S., Rovin, B., Bagchi, D., Bagchi, M., & Sen, C. K. (2003). Anti-angiogenic property of edible berry in a model of hemangioma. *FEBS Letters*, 544, 252-257.

Bagchi, D., & Preuss, H. G. (Eds.). (2004). *Phytopharmaceuticals in cancer chemoprevention*. Boca Raton, FL: CRC Press.

Bagchi, D., Preuss, H. G., & Kehrer, J. P. (Eds.). (2004). Nutraceutical and functional food industries: Aspects on safety and regulatory requirements. *Toxicology Letters*, 150(1), 1-134.

Bagchi, D., Sen, C. K., Bagchi, M., & Atalay, M. (2004). Anti-angiogenic, antioxidant and anti-carcinogenic properties of a novel anthocyanin-rich berry extract formula. *Biochemistry (Moscow)*, 69, 75-80.

- Bagchi, D., Sen, C. K., Ray, S. D., Das, D. K., Bagchi, M., Preuss, H. G., & Vinson, J. A. (2003). Molecular mechanisms of cardioprotection by a novel grape seed proanthocyanidin extract. *Mutation Research*, 523/524, 87-97.
- Bagchi, M., Stohs, S. J., & Bagchi, D. (2004). Smokeless tobacco, oxidative stress and oral cancer. In D. Bagchi & H. G. Preuss (Eds.), *Phytopharmaceuticals in cancer chemoprevention* (pp. 89-104). Boca Raton: CRC Press LLC.
- Bartels, C. L., Moores, K. G., & Wilson, A. F. (2004). Drug information request: Cox-2 inhibitors in renal dysfunction. *US Pharmacist*, 29(4).
- Bartels, C. L., & Wilson, A. F. (2004). Drug formulation developments: Paclitaxel. *US Pharmacist*, 29(8), HS18-23.
- Benner, E. J., Mosley, R. L., Destache, C. J., Lewis, T. B., Jackson-Lewis, V., Gorantla, S., Nemecek, C. R., Green, S. R., Przedborski, S., & Gendelman, H. E. (2004). Therapeutic immunization protects dopaminergic neurons in a mouse model of Parkinson's disease. *Proceedings of the National Academy of Science, U.S.A.*, 101, 9435-9440.
- Bramble, J. D., Sakowski, H., Rich, E. C., & Esterbrooks, D. (2004). Resource use in treating alcohol and drug related diagnoses: Does teaching status and experience matter. *Journal of General Internal Medicine*, 19, 36-42.
- Byers, S., Lohman, H., & Padilla, R. (Eds.). (2004). Occupational therapy with elders: Strategies for the COTA (2<sup>nd</sup> ed.). St. Louis: Mosby.
- Carlson, K. A., Ciborowski, P., Schellpeper, C. N., Biskup, T. M., Shen, R.-F., Luo, X., Destache, C. J., & Gendelman, H. E. (2004). Proteomic fingerprinting of HIV-1-infected monocyte-derived macrophages: A preliminary report. *Journal of Neuroimmunology*, 147, 35-42.
- Chatterjee, A., Yasmin, T., Bagchi, D., & Stohs, S. (2003). The bactericidal effects of *Lactobacillus acidophilus*, garcinol and Protykin® compared to clarithromycin, on *Helicobacter pylori*. *Molecular & Cellular Biochemistry*, 243, 29-35.
- Chatterjee, A., Yasmin, T., Bagchi, D., & Stohs, S. J. (2004). Inhibition of *Helicobacter pylori* in vitro by various berry extracts, with enhanced susceptibility to clarithromycin. *Molecular & Cellular Biochemistry*, 265, 19-26.
- Das, Y. T., Bagchi, M., Bagchi, D., & Preuss, H. G. (2004). Safety of 5-hydroxy-L-tryptophan. *Toxicology Letters*, 150, 111-122.
- Dash, A. K., & Elmquist, W. F. (2003). Separation methods that are capable of revealing blood-brain barrier permeability. *Journal of Chromatography B.*, 797, 241-254.
- DeSimone II, E. M., Lanspa, S. J., Hogrefe, D., & Terlaje, C. (2004). Diagnosis and management of Crohn's disease. *US Pharmacist*, 29, 05.

- D'Souza, P., Amit, A., Saxena, V. S., Bagchi, D., Bagchi, M., & Stohs, S. J. (2004). Antioxidant properties of Aller-7, a novel polyherbal formulation for allergic rhinitis. *Drugs Under Experimental & Clinical Research*, 30, 99-109.
- Edwards, I., Jones, M., Carr, J., Braunack-Mayer, A., & Jensen, G. M. (2004). Clinical reasoning strategies in physical therapy. *Physical Therapy*, 84, 312-335.
- Edwards, I., Jones, M., Higgs, J., Trede, F., & Jensen, G. M. (2004). What is collaborative reasoning? *Advances in Physiotherapy Practice*, 6, 70-83.
- Faulkner, M. A. (2004). Foundation focus. 2003 incentive grant recipient helps diabetic patients reach vaccination goals. *Pharmacy Today*, 10, 24.
- Faulkner, M. A., Mears, A. J., Adams, P., Biring, T., Frock, J., & Dunlay, R. (2004). Can selective beta-blockers be prescribed safely for hemodialysis patients? A retrospective review. *Hospital Pharmacy*, 39, 144-148.
- Foral, P. A., Malesker, M. A., & Hopkins, H. (2003). Medication effect on sleep. In T. J. Bowman (Ed.), *Review of sleep medicine* (pp. 94-99). Burlington, MA: Butterworth-Heinemann.
- Foral, P. A., Malesker, M. A., Huerta, G., Hilleman, D. E. (2004). Nebulized opioids in the management of chronic obstructive pulmonary disease. *Chest*, 125(2), 691-694.
- Foral, P. A., Nystrom, K. K., Wilson, A. F., & Christensen, C. M. (2003). Gastrointestinal-related adverse effects of COX-2 inhibitors. *Drugs of Today*, 39(12), 939-948.
- Foral, P. A., Nystrom, K. K., Wilson, A. F., & Christensen, C. M. (2003). Gastrointestinal-related adverse effects of COX-2 inhibitors. *Timely Topics in Medicine: Gastroenterology* [On-line]. Prous Science. Available: [http://www.ttmed.com/CoverTTMEng.cfm?ID\\_Cou=25](http://www.ttmed.com/CoverTTMEng.cfm?ID_Cou=25)
- Gallew, H., & Mu, K. (2004). Adaptive strategies of night shift nurses: Overcoming time. *Journal of Occupational Science*, 11(1), 23-30.
- Galt, K. A. (2004). Credentialing and privileging of pharmacists. *American Journal of Health-Systems Pharmacy*, 61, 661-670.
- Galt, K. A. (2004). Privileging, quality improvement, and accountability. *American Journal of Health-Systems Pharmacy*, 61, 659.
- Ganguly, S., & Dash, A. K. (2004). A novel *in situ* gel for sustained drug delivery and targeting. *International Journal of Pharmaceutics*, 276, 83-92.
- Ganguly, S., Jayappa, S., & Dash, A. K. (2003). Evaluation of the stability of creatine in solution prepared from effervescent creatine formulations. *AAPS PharmSciTech*, 4(2).
- Garis, R. I., & Clark, B. E. (2004). The spread: An undocumented source of pharmacy benefit manager revenue. *Journal of the American Pharmaceutical Association*, 44(1), 15-21.

- Garis, R. I., Clark, B. E, Siracuse, M. V., & Makoid, M. C. (2004). Examination of the value of pharmacy benefit managers. *American Journal of Health-System Pharmacy*, 61(1), 81-85.
- Garis, R. I., & Kissell, J. L. (2004). Untangling the Medicare drug discount card thicket. *Pharmacy Times*, 70(5), 80.
- Goldstein-Lohman, H., Kratz, A., & Pierce, D. (2003). A study of occupation-based practice. In D. Pierce, *Occupation by design: Building therapeutic power* (pp. 239-262). Philadelphia: F. A. Davis.
- Griffiths, Y. (2003). Clinical case "Tina" [Mini-chapt]. In D. Pierce, *Occupation by design: Building therapeutic power*. Philadelphia, PA: F. A. Davis Company.
- Griffiths, Y. (Ed.). (2003). Evaluating resources on the web. *Occupational Therapy in Health Care*, 17, 79-86
- Griffiths, Y. (2003). Psychological aspects of aging. In H. Lohman, R. Padilla, & S. Byers-Connon (Eds.), *Occupational therapy for elders* (2<sup>nd</sup> ed., chapt. 4). St. Louis, MO: Mosby-Yearbook, Inc.
- Griffiths, Y. (Ed.). (2004). Internet connections. *Occupational Therapy in Health Care*, 17, 99-101.
- Griffiths, Y. (2004, June). From the chairperson [Invited]. *EDSIS Quarterly*.
- Griffiths, Y., & Ursick, K. (2003). Active learning. *Occupational Therapy Practice*, 8, 12-17.
- Griffiths, Y., & Ursick, K. (2004). Using active learning to shift habits of learning in health care education. *Internet Journal of Allied Health Sciences & Practice*, 2, 2.
- Gubbins, P. O., McConnell, S. A., Gurley, B. J., Fincher, T. K., Franks, A. M., Williams, D. K., Penzak, S. R., & Saccente M. (2004). Influence of grapefruit juice on the systemic availability of itraconazole oral solution in healthy adult volunteers. *Pharmacotherapy*, 24(4), 460-467.
- Gwyer, J., Jensen, G., Hack, L., & Shepard, K. (2004). Using a multiple case study research design to develop an understanding of expert practice in physical therapy. In K. Hammell & C. Carpenter (Eds.), *Evidence-based rehabilitation: Informing practice through qualitative research* (pp. 103-115 ). Harcourt Health Pub.
- Haddad, A. (2004). Chemotherapy lounge. *The Journal of General Internal Medicine*, 19, 715-716.
- Haddad, A. (2004). Drugs and dementia: Decision making on initiating, maintaining or discontinuing pharmacotherapy. In R. B. Purtilo & H. ten Have (Eds.), *Ethical foundations for palliative care for Alzheimer's disease* (pp. 330-342). Baltimore: John Hopkins University Press.
- Hilleman, D. E., Faulkner, M. A., & Monaghan, M. S. (2004). Cost of a pharmacist-directed intervention to increase treatment of hypercholesterolemia. *Pharmacotherapy*, 24, 1077-1083.

Hoie, E. B., McGuire, T. R., Leuschen, P. M., & Zach, T. L. (2004). Pentoxifylline inhibits tumor necrosis factor-alpha induced synthesis of complement component C3 in human endothelial cells. *Biological & Pharmaceutical Bulletin*, 27(10), 1670-1673.

Houtz, L. E., Kosoko-Lasaki, O., Zardetto-Smith, A., Mu, K., & Royeen, C. (2004). Teacher education professionals as partners in health science outreach. *Journal of Allied Health*, 33(3), 174-177.

Jensen, G. M. (2004). [Review of L. Shulman, *Teaching as community property: Essays on higher education*]. *Journal of Physical Therapy Education*, 18(2), 94-95.

Jensen, G. M. (2004). Wisdom of practice [Editorial]. *Advances in Physiotherapy*, 6, 1-2.

Kincaid, A. E. (2004). Dystonias. *xPharm* [On-line]. Available: [http://www.xpharm.com/citation?Article\\_ID=1141](http://www.xpharm.com/citation?Article_ID=1141)

Kincaid, A. E. (2004). Essential tremor. *xPharm* [On-line]. Available: [http://www.xpharm.com/citation?Article\\_ID=1097](http://www.xpharm.com/citation?Article_ID=1097)

Kincaid, A. E. (2004). Muscular dystrophy. *xPharm* [On-line]. Available: [http://www.xpharm.com/citation?Article\\_ID=1156](http://www.xpharm.com/citation?Article_ID=1156)

Kincaid, A. E. (2004). Myasthenia gravis. *xPharm* [On-line]. Available: [http://www.xpharm.com/citation?Article\\_ID=1157](http://www.xpharm.com/citation?Article_ID=1157)

Knight, J. A., Davis, E. M., Manouilov, K., & Hoie, E. B. (2003). The effect of postnatal age on gentamicin pharmacokinetics in neonates. *Pharmacotherapy*, 23(8), 992-996.

LeDay, A. M., Awe, S. O., Kulkarni, K. H., Harris, L. C., Opere, C. A., Dash, A., & Ohia, S. E. (2004). Effect of peroxides on [<sup>3</sup>H]D-aspartate release from bovine isolated retinae. *Neurochemical Research*, 29(4), 811-818.

LeDay, A. M., Ganguli, S., Kulkarni, K. H., Dash, A., Opere, C. A., & Ohia, S. E. (2003). Effect of hydrogen peroxide on amino acid concentrations in bovine retina and vitreous humor, *ex vivo*. *Methods & Findings in Experimental & Clinical Pharmacology*, 25(9), 695-701.

LeDay, A. M., Kulkarni, K. H., Opere, C. A., & Ohia, S. E. (2004). Arachidonic acid metabolites and peroxide-induced inhibition of [<sup>3</sup>H]D-aspartate release from bovine isolated retinae. *Current Eye Research*, 28(5), 367-372.

Lenz, T. L., Faulkner, M. A., & Ryan-Haddad, A. (2004). Rosuvastatin: A new HMG-CoA reductase inhibitor for the treatment of dyslipidemia. *Advances in Pharmacy*, 2, 136-145.

Lenz, T. L., & Hamilton, W. R. (2004). Supplemental products used for weight loss. *Journal of American Pharmaceutical Association*, 44, 59-68.

Lenz, T. L., Lenz, N. J., & Faulkner, M. A. (2004). Potential interactions between exercise and drug therapy. *Sports Medicine*, 34(5), 293-306.

- Lenz, T. L., & Wilson, A. F. (2003). Clinical pharmacokinetics of antiplatelet agents used in the secondary prevention of stroke. *Clinical Pharmacokinetics*, 42(10), 909-920.
- Lohman, H. (2003). Critical analysis of a public policy: An occupational therapist's experience with the patient bill of rights. *The American Journal of Occupational Therapy*, 57(4), 468-472.
- Lohman, H. (2004). Sexuality of elders. In S. Byers, H. Lohman, & R. Padilla, (Eds.), *Occupational therapy with elders: Strategies for COTA* (2<sup>nd</sup> ed.). St. Louis: Mosby.
- Lohman, H., & Aitken, M. (2003). Occupational therapy students' attitudes toward service learning. *Physical & Occupational Therapy in Geriatrics*, 20(3), 155-164.
- Lohman, H., Gabriel, L., & Furlong, B. (2004). The bridge from ethics to public policy: Implications for occupational therapy practitioners. *The American Journal of Occupational Therapy*, 58(1).
- Lohman, H., Griffiths, Y., Coppard, B. M., & Cota, L. (2003). The power of book discussion groups in intergenerational learning. *Educational Gerontology*, 29(2), 103-115.
- Lohman, H., Mu, K., & Scheirton, L. (2003). Occupational therapists perspectives on practice errors in geriatric settings. *Physical & Occupational Therapy in Geriatrics*, 21(4), 21-39.
- Lohman, H., & Spengel, E. (2004). Aging trends and concepts. In S. Byers, H. Lohman, & R. Padilla, (Eds.), *Occupational therapy with elders: Strategies for the COTA* (2<sup>nd</sup> ed.). St. Louis: Mosby.
- Lust, E. (2003). Educational outcomes in Vet 101: A continuing education course of practicing pharmacists in veterinary therapeutics. *Pharmacy Education*, 3(4), 237-247.
- Lust, E. (2004). Compounding for animal patients: Contemporary issues. *Journal of the American Pharmacists Association*, 44(3), 375-384.
- Lust, E. (2004). [Review of J. Y. Wick & G. R. Zanni, *Patients large and small: Role of the pharmacist in veterinary medicine*]. *Journal of the American Pharmacists Association*, 44(3).
- Lust, E. (2004). [Review of S. B. Kayne & M. H. Jepson, *Veterinary pharmacy*]. *American Journal of Pharmacy Education*, 68(3), article 84.
- Lust, E. (2004). Veterinary informatics for the practicing pharmacists. *US Pharmacist*, 29(1).
- Lust, E. (2004). Veterinary information for pharmacists. *Nebraska Mortar & Pestle*, 67(10), 20-25.
- Lust, E., & Galt, K. A. (2003). Unexpected benefits of a veterinary therapeutics elective course: Teaching caring. *American Journal of Pharmaceutical Education*, 67(1), Article 15.
- Lust, E., & Vuchetich, P. (2004). Comparison of students' performance and perceptions of a web-based distance pharmacy calculations course to a campus-based course. *The International Journal of Pharmacy Education*, 2(1).

- Malone, P. M. (2003). Psychiatry resources on the Internet. *Advances in Pharmacy*, 1(3), 266-276.
- Malone, P. M. (2003). Topics in informatics. *Advances in Pharmacy*, 1(4), 369-376.
- Malone, P. M. (2004). Preparing simple online presentations using Microsoft Producer for PowerPoint 2003. *Advances in Pharmacy*, 2(1), 81-85.
- Malone, P. M. (2004). Slides, files and keeping up. *Advances in Pharmacy*, 2(2), 175-180.
- Malone, P. M., Glynn, G. E., & Stohs, S. J. (2004). The development and structure of a web-based entry-level Doctor of Pharmacy pathway at Creighton University Medical Center. *American Journal of Pharmaceutical Education*, 68(2), article 46.
- McConnell, S. A., Gubbins, P. O., & Anaissie, E. J. (2003). Do antimicrobial-impregnated central venous catheters prevent catheter-related bloodstream infections? *Clinical Infectious Diseases*, 37, 65-72.
- McGuire, T. R., Hoie, E. B., Manouilov, K. K., & Gwilt, P. G. (2003). The effect of hydroxyurea on the phosphorylation of zidovudine and lamivudine in human umbilical vein endothelial cells. *In Vitro Cellular & Developmental Biology — Animal*, 39, 280-282.
- Mo, Y., Dobberphul, D., & Dash, A. K. (2003). A simple HPLC method with pulsed EC detection for the analysis of creatine. *Journal of Pharmaceutical & Biomedical Analysis*, 32, 125-132.
- Monaghan, M. S., Galt, K. A., Turner, P. D., Houghton, B. L., Rich, E. C., Markert, R. J., & Bergman-Evans, B. (2003). Student understanding of the relationship between the health professions and the pharmaceutical industry. *Teaching & Learning in Medicine*, 15(1), 14-20.
- Monaghan, M. S., Turner, P. D., Houghton, B. L., Markert, R. J., Galt, K. A., Bergman-Evans, B., & Rich, E. C. (2003). Pharmacotherapy cost comparison among health professional students. *American Journal of Pharmaceutical Education*, 67(3), Article 7, 1-8.
- Mu, K., Chao, S., Jensen, G., & Royeen, C. (2004). Effects of interprofessional, rural training on students' perceptions on interprofessional health care services. *Journal of Allied Health*, 33(2), 125-131.
- Mu, K., & Royeen, C. (2004). Facilitating participation of students with severe disabilities: Aligning school-based occupational therapy practice with best practices in the field of severe disabilities. *Physical & Occupational Therapy in Pediatrics*, 24(3), 5-21.
- Mu, K., & Royeen, C. (2004). Interprofessional or transprofessional services in school based occupational therapy practice. *Occupational Therapy International*, 11(4), 243-246.
- Mu, K., Zardetto-Smith, A., & Coles, J. (2004, January). Reach out and increase public understanding of occupational therapy. *NOTA Newsletter*.

- Ohia, S. E., Awe, S. O., Opere, C. A., LeDay, A. M., Harris, L. C., Kulkarni, K. H., & Sharif, N. A. (2003). Glucose-deprivation-induced [<sup>3</sup>H]D-aspartate release from isolated bovine and human retinae. *Journal of Ocular Pharmacology & Therapeutics*, *19*, 599-609.
- Ohri, L., Manley, J. M., Chatterjee, A., & Cornish, N. (2004). Pediatric case series evaluating a standardized candida albicans skin test product. *Annals of Pharmacotherapy*, *38*, 973-977.
- Owens, H. M., & Dash, A. K. (2003). Ceftriaxone sodium. In H. Brittain (Ed.), *Profiles of drug substances, excipient, and related methodology* (vol. 30, pp. 21-59). New York: Elsevier Academic Press.
- Pagano, G., Manini, P., & Bagchi, D. (2003). Oxidative stress-related mechanisms are associated with xenobiotics exerting excess toxicity to Fanconi anemia cells. *Environmental Health Perspectives*, *111*, 1699-1703.
- Panyam, J., Williams, D., Dash, A. K., Leilie-Pelecky, D., & Labhasetwar, V. (2004). Solid-state solubility influences encapsulation and release of hydrophobic drugs from PLGA/PLA nanoparticles. *Journal of Pharmaceutical Sciences*, *93*, 804-1814.
- Pratibha, N., Saxena, V. S., Amit, A., D'Souza, P., Bagchi, M., & Bagchi, D. (2004). Anti-inflammatory activities of Aller-7, a novel polyherbal formulation for allergic rhinitis. *International Journal of Tissue Reactions*, *26*, 43-51.
- Preuss, H. G., Bagchi, D., Bagchi, M., Rao, C. V. S., Dey, D. K., & Satyanarayana, S. (2004). Effects of a natural extract of (-)-hydroxycitric acid (HCA-SX) and a combination of HCA-SX plus niacin-bound chromium and *Gymnema sylvestre* extract on weight loss. *Diabetes, Obesity & Metabolism*, *6*, 171-180.
- Preuss, H. G., Bagchi, D., Bagchi, M., Rao, C. V. S., Satyanarayana, S., & Dey, D. K. (2004). Efficacy of a novel, natural extract of (-)-hydroxycitric acid (HCA-SX) and a combination of HCA-SX, niacin-bound chromium and *Gymnema sylvestre* extract in weight management in human volunteers. *Nutrition Research*, *24*, 45-58.
- Preuss, H. G., Bagchi, D., & Chambliss, W. G. (2003). A critical review of cernitin for symptomatic relief of lower urinary tract symptoms (LUTS) in men. *Research Communications in Pharm. Tox.*, *8*, IV-1-IV-14.
- Preuss, H. G., Bagchi, M., Bagchi, D., & Kaats, G. R. (2004) Obesity and cancer. In D. Bagchi & H. G. Preuss (Eds.), *Phytopharmaceuticals in cancer chemoprevention* (pp.197-204). Boca Raton: CRC Press LLC.
- Preuss, H. G., Konno, S., & Bagchi, D. (2004). Overview of the use of maitake mushroom and fraction D in cancer. In D. Bagchi & H. G. Preuss (Eds.), *Phytopharmaceuticals in cancer chemoprevention* (pp. 509-518). Boca Raton: CRC Press LLC.
- Ray, S. D., & Bagchi, D. (2004). Roles of polyphenols, flavonoids, and oligomeric proanthocyanidins in cancer chemoprevention. In D. Bagchi & H. G. Preuss (Eds.), *Phytopharmaceuticals in cancer chemoprevention* (pp. 311-348). Boca Raton: CRC Press LLC.

Resnik, L., & Jensen, G. M. (2003). Use of clinical outcomes to explore the theory of expert practice in physical therapy. *Physical Therapy, 83*, 1090-1106.

Roche, V. F., Alsharif, N. A., & Ogunbadenyi, A. M. (2004). Reinforcing the relevance of medicinal chemistry to the practice of pharmacy through the "Who wants to be a med. chem. millionaire?" learning game. *American Journal of Pharmaceutical Education, 68*, article 112.

Rose, J., Zardetto-Smith, A., Mu, K. & Demetrikopoulos, M. (2004). Reverse your science fair with educational partnerships. *Science Scope, 27*(6), 16-18.

Rostoui, H., & Dash, A. K. (2004). Microdialysis and its applications in bioavailability studies. In T. K. Pal & M. Ganesan (Eds.), *Bioavailability and bioequivalence in pharmaceutical technology* (pp. 53-79). New Delhi, India: CBS Publishers & Distributors.

Roy, S., Rink, C., Khanna, S., Phillips, C., Bagchi, D., Bagchi, M., & Sen, C. K. (2004). Body weight and abdominal fat gene expression profile in response to a novel hydroxycitric acid based dietary supplement. *Gene Expression, 11*(5/6), 251-262.

Ryan-Haddad, A. M., Coover, K. L., Bramble, J. D., & White, L. E. (2004). Knowledge of pharmacy graduates of consultant pharmacy practice. *American Journal of Pharmaceutical Education, 68*(2), 1-5.

Scheirton, L., Mu, K., & Lohman, H. (2003). Occupational therapists' responses to practice errors in physical rehabilitation settings. *The American Journal of Occupational Therapy, 57*(3), 307-314.

Scheirton, L. S. (2004). The ethical dimensions of Alzheimer's disease decision-making: The need for early patient and family educational interventions. In R. B. Purtilo & H. A. M. J. ten Have (Eds.), *Ethical foundations of palliative care for Alzheimer's Disease*. Baltimore, MD: The Johns Hopkins University Press.

Scheirton, L. S., et al. (2004). The declaration of Berg en Dal on ethical principles guiding palliative care of persons with Alzheimer's disease. In R. B. Purtilo & H. A. M. J. ten Have (Eds.), *Ethical foundations of palliative care for Alzheimer's disease* (app. A). Baltimore, MD: The Johns Hopkins University Press.

Shara, M., Ohia, S. E., Schmidt, R. E., Yasmin, T., Zardetto-Smith, A., Kincaid, A., Bagchi, M., Chatterjee, A., Bagchi, D., & Stohs, S. J. (2004). Physico-chemical properties of a novel (-) hydroxycitric acid extract and its effect on body weight, selected organ weights, hepatic lipid peroxidation and DNA fragmentation, hematology and clinical chemistry, and histopathological changes over a period of ninety days. *Molecular & Cellular Biochemistry, 260*, 171-186.

Shara, M., Ohia, S. E., Yasmin, T., Zardetto-Smith, Z., Kincaid, A., Bagchi, M., Chatterjee, A., Bagchi, D., & Stohs, S. J. (2003). Dose- and time-dependent effects of a novel (-)-hydroxycitric acid extract on hepatic and testicular lipid peroxidation, DNA fragmentation and histopathological data over a period of ninety days in rats. *Molecular & Cellular Biochemistry, 254*, 339-346.

Singh, S., & Singh, J. (2004). Controlled release, conformational stability, and biological activity of lysozyme from phase sensitive smart polymer based delivery systems. *International Journal of Pharmaceutics*, 271, 189-196.

Singh, S., & Singh, J. (2004). Dermal toxicity and microscopic alterations by JP-8 jet fuel components *in vivo* in rabbits. *Environmental Toxicology & Pharmacology*, 16, 153-161.

Siracuse, M. V., Schondelmeyer, S. W., Hadsall, R. S., and Schommer, J. S. (2004). Career aspirations of pharmacy students: Reconciling present realities with hopes for the future. *American Journal of Pharmaceutical Education*, 68(3), Article 75.

Skrabal, M., & Stading, J. (2003). Rhabdomyolysis associated with simvastatin-nefazodone therapy. *Southern Medical Journal*, 96(10),1034-1035.

Soni, M. G., Burdock, G. A., Preuss, H. G., Stohs, S. J., Ohia, S. E., & Bagchi, D. (2004). Safety assessment of (-)-hydroxycitric acid and Super CitriMax, a novel calcium/potassium salt. *Food & Chemical Toxicology*, 42, 1513-1529.

Stohs, S., Jensen, G. M., & Paschal, K. (2003). Clinical doctoral education in physical therapy: The case of Creighton University. *Journal of Physical Therapy Education*, 17(3), 44-51.

Talpur, N., Echard, B., Bagchi, D., Bagchi, M., & Preuss, H. G. (2003). Comparison of saw palmetto (extract and whole berry) and cernitin on prostate growth in rats. *Molecular & Cellular Biochemistry*, 250, 21-26.

Talpur, N., Echard, B. W., Yasmin, T., Bagchi, D., & Preuss, H.G. (2003). Effects of niacin-bound chromium, maitake mushroom fraction SX and (-)-hydroxycitric acid on the metabolic syndrome in aged diabetic Zucker fatty rats. *Molecular & Cellular Biochemistry*, 252, 369-377.

Vuchetich, P. J., Garis, R. I., & Jorgensen, A. M. D. (2003). Evaluation of cost savings to a state Medicaid department following a sertraline tablet-splitting program. *Journal of the American Pharmacists Association*, 43(4), 497-502.

Vyjayanthi, G., Shetty, S., Saxena, V.S., Nadig, P. D., Venkateshwarlu, K., Serene, A., Sathyan, S., Bagchi, D., & Kulkarni, C. (2003). Randomized, double-blind, placebo-controlled trial of Aller-7 in patients with allergic rhinitis. *Research Communications in Pharm. Tox.*, 8, IV-15-IV-24, 4:23-32.

Wilson, A. F., Foral, P. A., Nystrom, K. K., Wargo, K. A., & Wargo, N. A. (2003). A review of clinical pharmacy interventions prior to implementation of a personal digital assistant intervention program in a community hospital. *Hospital Pharmacy*, 38(11), 1047-1051.

Yasmin, T., Sen, C. K., Hazra, S., Bagchi, M., Bagchi, D., & Stohs, S. J. (2003). Antioxidant capacity and safety of various anthocyanin berry extract formulations. *Research Communications Pharm. Tox.*, 8, IV-25-IV-35.

## GRANTS

### ARTS AND SCIENCES

Bergman, R. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Bucko, R. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Burke-Sullivan, E. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Cherney, I. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Cherney, M. [Principal Investigator]; McShane, T., & Seger, J. [Co-Investigators]. Study of relativistic heavy ion collisions. U.S. Department of Energy — \$170,000 — (1 July 2003-30 June 2004).

Cherney, M. [Principal Investigator]; McShane, T., & Seger, J. [Co-Investigators]. Study of ultra-relativistic heavy ion collision. U.S. Department of Energy — \$151,000 — (1 July 2003-30 June 2004).

Clark, T. D. [Principal Investigator]. Presidentialism and the effect of electoral law: Regime type matters. American Political Science Association (APSA) — \$1,850 — (1 July 2003-1 February 2004).

Cook, T. [Principal Investigator]; Dickel, T., & Ishii-Jordan, S. [Co-Investigators]. Distance education component to the Magis program. Our Sunday Visitor Institute — \$35,000 — (1 August 2003).

Crawford, S. [Principal Investigator]. Religious institutions in community health coalitions. Louisville Institute — \$45,000 — (1 August 2003-31 August 2004).

Crawford, S. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Crowder, A. [Principal Investigator]; & Southerland, W. [Co-Investigator]. Classic upward bound trio program. U.S. Department of Education — \$492,874 — (1 July 2003-30 June 2004).

Danielson, M. A. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Dickel, T. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Doleman, A. [Principal Investigator]; & Southerland, W. [Co-Investigator]. Upward bound math and science center. U.S. Department of Education — \$276,062 — (1 November 2003-31 October 2004).

Douglas, A. [Principal Investigator]. Climate data set development for Mexico: A research initiative to support the tri-lateral North American climate extremes initiative. U.S. Department of Commerce — \$32,000 — (1 September 2003-31 August 2004).

Douglas, A. [Principal Investigator]. Enhanced radiosonde observations in Mexico during name and support for the name forecast office centers. U.S. Department of Commerce — \$91,312 — (1 February 2004-31 January 2005).

Duda, G. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Eckerson, J. [Principal Investigator]. Effect of two different creatine formulations on skeletal muscle creatine retention. National Strength & Conditioning Association — \$2,500 — (1 September 2003-31 October 2004).

Gardiner, D. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Greenspoon, L. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Ishii-Jordan, S. [Principal Investigator]. Culturally/linguistically diverse exceptional (CLDE) learners: Assessment and interventions - VIII. Nebraska Department of Education — \$9,500 — (15 November 2003-14 November 2004).

Lambert, G. [Principal Investigator]; & Lanspa, S. [Co-Investigator]. Extension of pilot study: Effect of carbohydrate concentration and composition on intestinal absorption of fluid replacement solutions. Gatorade Sport Science Institute — \$9,900 — (15 October 2003).

Lawler, M. [Principal Investigator]; Riley, L., & Risch, G. [Co-Investigators]. Nebraska healthy marriage initiative project. State of Nebraska — \$50,000 — (1 November 2003-30 October 2006).

Olson, L. [Principal Investigator]. Professional development project to provide a summer reading program for at-risk elementary students in socioeconomically and linguistically diverse schools - year three. Nebraska Department of Education — \$40,164 — (1 March 2004-28 February 2005).

Ponec, D. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Ramage, J. [Principal Investigator]; Vinton, M. A., & Schalles, J. [Co-Investigators]. Airborne and ground-based biodiversity mapping of Hitchcock Nature Area, Iowa and Winnebago Native American Reservation, Nebraska. NASA-Nebraska Space Grant & EPSCoR — \$5,000 — (1 July 2003-31 January 2004).

Reed, D. [Principal Investigator]. Integrating empirical methods into the computer science curriculum. National Science Foundation — \$74,996 — (1 July 2003-30 June 2005).

Simkins, R. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Smith, J. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Spencer, B. Individual artist fellowship. Nebraska Arts Council — \$2,000 — (2003).

Stone, N. [Principal Investigator]. Developing efficiency in computer-mediated groups. National Science Foundation-EPSCoR — \$3,000 — (1 July 2003-30 June 2004).

Super, R. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Treonis, A. [Principal Investigator]. Investigating the impact of root feeding organisms on the symbiotic relationship between plants and soil microbes. National Science Foundation-EPSCoR — \$1,700 — (1 July 2003-30 June 2004).

Vinton, M. A. [Principal Investigator]. Establishing a biodiversity garden on Creighton's campus: A proposal to the Nebraska statewide arboretum-greenspace initiative. Nebraska Statewide Arboretum — \$5,000 — (2004).

Vinton, M. A. [Principal Investigator]; Ramage, J., & Schalles, J. [Co-Investigators]. Using hyperspectral imagery to analyze landscape conservation issues in the Loess Hills and Winnebago Native American Reservation. NASA-Nebraska Space Grant & EPSCoR — \$9,106 — (1 March 2004-31 January 2005).

Vinton, M. A. [Principal Investigator]; Schalles, J., & Ramage, J. [Co-Investigators]. Characterizing selected landscapes of the Winnebago Reservation using high spectral resolution images. NASA-Nebraska Space Grant & EPSCoR — \$8,000 — (1 July 2003-31 January 2004).

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## BUSINESS ADMINISTRATION

Graves, R. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

Raval, V. [Principal Investigator]. Vinod Gupta graduate fellows program. Vinod Gupta School of Management — \$50,000 — (15 August 2003-14 August 2004).

Taylor, M. Scholarship of teaching and learning small grant award. Office of Academic Affairs, Creighton University — \$2,500 — (June 2004).

## DENTISTRY

Latta, M. [Principal Investigator]. *In vitro* localized wear of a low-shrink composite resin. Dentsply — \$1,500 — (15 August 2003).

Latta, M. [Principal Investigator]. Laboratory evaluation of the shear bond strength of composite resin to composite resin simulating clinical layering methods. Dentsply International DeTrey/DeDent — \$4,593 — (1 July 2003).

Latta, M. [Principal Investigator]. Laboratory testing of a new self-adhesive luting cement. Ivoclar — \$10,000 — (12 July 2003).

Latta, M. [Principal Investigator]. Student dental research support. Iowa Dental Association — \$500 — (15 January 2004).

Latta, M. [Principal Investigator]; & Barkmeier, W. [Co-Investigator]. Laboratory evaluation of the degree of conversion of prime and bond nt adhesive using a spectrum 800 halogen light compared the mini-LED curing light. Dentsply — \$1,000 — (15 August 2003).

Latta, M. [Principal Investigator]; Barkmeier, W., Cavel, T., & Naughton, W. [Co-Investigators]. Clinical evaluation of a new restorative composite resin for class V restorations. Ivoclar — \$11,500 — (18 November 2003-17 November 2005).

Saini, T., & Dash, A. K. [Co-investigator]. Development of novel polyantibiotic local delivery system for intracervicular medication. HFF Foundation — \$18,840 — (1 July 2002-30 June 2004).

Welie, J. [Principal Investigator]; & Wilwerding, T. [Co-Investigator]. Impact of dental education on health disparities. NIH — \$178,125 — (30 September 2003-29 September 2005).

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## LAW

Mahern, C. [Principal Investigator]. Milton R. Abrahams legal clinic. Nebraska Commission on Public Advocacy — \$56,400 — (1 January 2004-31 December 2004).

Mahern, C. [Principal Investigator]. One hour of sharing campaign. Nebraska State Bar Association — \$1,000 — (1 July 2003-30 June 2004).

## MEDICINE

Agrawal, D. [Principal Investigator]. Chloride channels in eosinophils and bronchial asthma. State of Nebraska — \$40,000 — (1 July 2003-30 June 2004).

Agrawal, D. [Principal Investigator]. Effect of Hybridon compounds in the reversal of allergic airway inflammation in an established asthma model. Hybridon, Inc. — \$31,554 — (15 April 2004).

Agrawal, D. [Principal Investigator]. Effect of suplatast tosilate (IPD) on chloride channels in airway epithelial cells. TAIHO Pharmaceutical Co., Ltd. — \$50,000 — (19 December 2003).

Agrawal, D. [Principal Investigator]. Further characterization and isolation of binding site(s) of (s)-albuterol in human airway smooth muscle cells. Sepracor, Inc. — \$49,856 — (5 January 2004).

Agrawal, D. [Principal Investigator]. Flt3-ligand immunomodulation and therapy in asthma. NIH — \$267,042 — (15 March 2004-28 February 2005).

Agrawal, D. [Principal Investigator]; & Soundararajan, K. [Co-Investigator]. Apoptosis of smooth muscle cells in carotid plaques. NIH — \$249,375 — (1 December 2003-30 November 2008).

Akhter, M. [Principal Investigator]. Bone loss reversal with prune in rat osteoporosis model. Oklahoma State University — \$9,600 — (1 November 2003-31 October 2004).

Akhter, M. [Principal Investigator]. Effects of plant bioactive compounds with fructooligosaccharide on reversal of bone loss. Oklahoma State University — \$8,200 — (1 November 2003-31 October 2004).

Anderson, R. [Principal Investigator]. Carla Danielson: IPA agreement. Veterans Administration — \$21,981 — (1 November 2003-30 June 2004).

Anderson, R. [Principal Investigator]. Carla J. Danielson: IPA agreement — Research scholar. Veterans Administration — \$7,452 — (14 July 2003-31 December 2003).

Anderson, R. [Principal Investigator]. Christopher Carl Ebmeier: IPA agreement — Research scholar. Veterans Administration — \$49,314 — (1 July 2003-30 June 2004).

Anderson, R. [Principal Investigator]. Min Wang: IPA agreement — Research scholar. Veterans Administration — \$39,984 — (1 July 2003-30 June 2004).

Anderson, R. [Principal Investigator]. Multicenter double-blind randomized study to evaluate the safety and efficacy of lamotrigine 200 mg/day, 300 mg/day and 400 mg/day compared with placebo in subjects with painful diabetic neuropathy. GlaxoSmithKline Company — \$6,192 — (1 November 2003).

Anderson, R. [Principal Investigator]. Phase 3 randomized double-blind active controlled multicenter trial to evaluate the safety and efficacy of BMS-298585 in combination with metformin compared to pioglitazone in combination with metformin in subjects with type 2 diabetes who have inadequate. Bristol-Myers Squibb — \$8,628 — (7 November 2003).

Bartz, J. [Principal Investigator]; & Kincaid, A. [Co-Investigator]. Nebraska center for viral pathogenesis: Role of glial cells in prion diseases. NIH — \$212,344 — (1 September 2003-30 June 2004).

Bashir, R. [Principal Investigator]; Bertoni, J., Prendes, J., & Omojoa, M. [Co-Investigators]. Multicenter randomized blinded parallel-group study of avonex compared with avonex in combination with oral methotrexate intravenous methylprednisolone or both in subjects with relapsing-remitting multiple sclerosis who have breakthrough disease on .... Biogen — \$17,920 — (1 July 2003).

Beisel, K. [Principal Investigator]. COBRE: Core B - genotyping. NIH — \$61,861 — (30 September 2003-30 June 2004).

Beisel, K. [Principal Investigator]. Dysfunctional role of neuronal and neurosensory epithelium using ... National Organization for Hearing Research — \$15,000 — (1 February 2004-31 January 2005).

Beisel, K. [Principal Investigator]; & He, Z. [Co-Investigator]. Molecular dissection of the organ of Corti. NIH — \$331,473 — (1 July 2003-30 June 2004).

Bergren, D. R. [Principal Investigator]. Effect of PDE4 inhibitor on chronic tobacco smoke-induced airway inflammation. Glenmark Pharmaceuticals, Ltd. — \$21,510 — (1 June 2004-31 December 2004).

Bertoni, J. [Principal Investigator]. Implications of motor fluctuations in Parkinson's patients on chronic therapy (impact) registry. Bertek Pharmaceuticals, Inc. — \$3,750 — (21 January 2004).

Bertoni, J. [Principal Investigator]. Parkinson's disease collaborative study of genetic linkage, "progeni." NIH — \$1,688 — (1 September 2003-31 August 2004).

Bertoni, J. [Principal Investigator]; Reyes, P., Prendes, J., Bashir, R., & Stanek, K. [Co-Investigators]. Abciximab in acute ischemic stroke: A phase III multinational multicenter randomized double-blind placebo-controlled trial. Centocor, Inc. — \$3,000 — (1 December 2003).

Biddle, W. [Principal Investigator]; Woodruff, M., Del Core, M., & Mooss, A. [Co-Investigators]. Randomized trial to evaluate the relative protection against post-PCI microvascular dysfunction and post-PCI ischemia among anti-platelet and anti-thrombotic agents. Millennium Pharmaceuticals, Inc. — \$200 — (1 November 2003).

Bothmer, J. [Principal Investigator]. National network of libraries of medicine. National Network of Libraries of Medicine — \$72,251 — (1 May 2004-30 April 2005).

Bradley, M. [Principal Investigator]. Role of voltage-gated potassium channels in uterine contractility. HFF — \$20,000 — (1 July 2003-30 June 2005).

Brauer, P. R. [Principle Investigator]. Matrix metalloproteinases and their inhibitors in early cardiac neural crest cell migration. American Heart Association, Heartland Affiliate — \$110,000 — (1 July 2003-30 June 2005).

Brauer, P. [Principal Investigator]; & Reedy, M. [Co-Investigator]. Matrix metalloproteinases and their inhibitors during early cardiac neural crest cell migration. American Heart Association-Nebraska Affiliate — \$60,500 — (1 July 2003-30 June 2004).

Casale, T. [Principal Investigator]. Allergen immunology co-administered with anti-IgE mAb (E25). Immune Tolerance Network/NIAID/NIH

Casale, T. [Principal Investigator]. Development of clinical trials office. HFF — \$212,776 — (1 July 2003-30 June 2004).

Casale, T. [Principal Investigator]. Educational and travel fund. Pfizer Inc. — \$100 — (25 September 2003).

Casale, T. [Principal Investigator]. Educational and travel fund. Pharmacia & Upjohn — \$290 — (25 September 2003).

Casale, T. [Principal Investigator]. The effects of omalizumab (Xolair®) on airway hyperresponsiveness. Novartis Pharma/Genentech Inc. — \$209,404.

Casale, T. [Sub-Investigator]. FLT-3 ligand, immunomodulation and therapy in asthma. NIH.

Casale, T. [Principal Investigator]. A four-week, double-blind, placebo-controlled exploratory evaluation of FEV<sub>1.0</sub> changes and safety of ONO-6126 in patients with chronic obstructive pulmonary disease (COPD). ONO Pharmaceuticals.

Casale, T. [Principal Investigator]. A phase II, randomized, double-blind, parallel-group, placebo-controlled oral food challenge trial of Xolair® (omalizumab) in peanut allergy. Novartis Pharma/Genentech Inc. — \$165,125.

Casale, T. [Principal Investigator]. A placebo-controlled, multiple-dose, sequential dose-escalating study to evaluate the safety and clinical activity of IDEC-152 (Anti-CD23) monoclonal antibody in patients with mild persistent to severe persistent allergic asthma. IDEC.

Casale, T. [Principal Investigator]. Travel support for fellows. Genentech, Inc. — \$2,500 — (1 August 2003-31 July 2004).

Casale, T. [Principal Investigator]; Bewtra, A., Stokes, J., & Townley, R. [Co-Investigators]. Multicenter double-blind randomized placebo-controlled parallel-group study investigating the clinical effects of montelukast in patients with perennial allergic rhinitis. Merck & Company, Inc. — \$27,132 — (1 October 2003).

Casale, T. [Principal Investigator]; & Rich, E. [Co-Investigator]. Center for immunomodulation of inflammatory diseases. State of Nebraska — \$20,000 — (1 July 2003-30 June 2005).

Casale, T. [Principal Investigator]; Stokes, J., Townley, R., Bewtra, A., & Hopp, R. [Co-Investigators]. Multicenter double-blind randomized parallel-group study investigating the clinical effect of I-000888839 in patients with seasonal allergic rhinitis: A pilot study during the fall season. Merck & Company, Inc. — \$51,412 — (30 July 2003).

Casale, T. [Principal Investigator]; Townley, R., Bewtra, A., Hopp, R., & Stokes, J. [Co-Investigators]. Phase I double-blind, placebo-(saline)-controlled dose escalating ragweed allergen challenge study in adults allergic to ragweed to evaluate the safety tolerability and clinical outcomes of the intranasal application of CRX-675. Corixa Corporation — \$49,120 — (10 February 2004).

Casale, T. [Principal Investigator]; Townley, R., Bewtra, A., Stokes, J., & Hopp, R. [Co-Investigators]. Phase IIb double-blind, randomized, placebo-controlled study of the efficacy safety and tolerability of subcutaneously administered dynavax Amb a1 immunostimulatory oligodeoxyribonucleotide conjugate (AIC) in ragweed allergic adults. Dynavax Technologies Corporation — \$7,575 — (1 January 2004).

Cavalieri, S. J. [Principal Investigator]. Bayer targeted surveillance study. GR Micro Limited — \$6,405 — (21 June 2004).

Cavalieri, S. J. [Principal Investigator]. Cubist tier 3 study. Focus Technologies — \$540 — (16 September 2003).

Cavalieri, S. J. [Principal Investigator]. Omega project. University of Iowa.— \$8,500 — (22 March 2004).

Cavalieri, S. J. [Principal Investigator]. Pfizer fungal prevalence and dosing program — \$300 — (25 September 2003).

Cavalieri, S. J. [Principal Investigator]. Protekt US III respiratory isolates survey. The Clinical Microbiology Institute — \$2,000 — (31 October 2003).

Cavalieri, S. J. [Principal Investigator]. TRUST 7 study. Focus Technologies — \$1,050 — (25 July 2003).

Cavalieri, S. J. [Principal Investigator]. 2003 SENTRY study. Jones Microbiology Institute — \$3,000 — (18 December 2003).

Cavalieri, S. J. [Principal Investigator]. 2004 MYSTIC study. Jones Microbiology Institute — \$1,500 — (27 February 2004).

Cavalieri, S. J. [Principal Investigator]. 2004 SENTRY study. Jones Microbiology Institute — \$3,000 — (7 April 2004).

Chakkalakal, D. [Principal Investigator]. Cornet salary support. State of Nebraska — \$33,251 — (1 July 2003-31 December 2003).

Chatterjee, A. [Principal Investigator]; Romero, J. R., & Varman, M. [Co-Investigators]. HPV study, a safety and immunogenicity study of quadrivalent HPV (Types 6, 11, 16, 18) L1 virus-like particle (VLP) vaccine in preadolescents and adolescents. Merck & Company — \$55,328 — (1 December 2003 -Present).

Chatterjee, A. [Principal Investigator]; Romero, J. R., & Varman, M. [Co-investigators]. Safety and immunogenicity of DAPTACEL (CP10/5/5/3DT Aventis Pasteur 5-component pertussis vaccine in combination with tetanus and diphtheria toxoids adsorbed) administered as a fifth dose with IPV and MMR in four- to six-year-old children previously immunized with Pentacel™ (HCP20/20/5/3DT-mIPV/PRP-T). Aventis-Pasteur — \$135,300 — (1 September 2003-Present).

Chiou, R. [Principal Investigator]. Randomized double-blind placebo-controlled parallel group study of the efficacy safety of dutasteride 0.5 mg administered once daily for four years to reduce the risk of biopsy-detectable prostate cancer. GlaxoSmithKline Company — \$17,860 — (12 August 2003).

Chiou, R. [Principal Investigator]. A twelve-week, randomized, double-blind, placebo-controlled parallel group multicenter study to evaluate the efficacy of enablex (darifenacin) 15 mg OD on increase in warning time the time from first sensation of urgency to voiding in patients with overactive.... Novartis Pharmaceuticals Corporation — \$1,047 — (1 May 2004).

Clark, R. [Principal Investigator]; Mooss, A., & Del Core, M. [Co-Investigators]. Phase IIIb-IV randomized open label trial evaluating the efficacy and safety of tenecteplase together with unfractionated heparin prior to early PCI as compared to standard primary PCI in patients with acute myocardial infarction (accent IV PCI). Boehringer Ingelheim Pharmaceuticals, Inc. — \$1,500 — (1 December 2003).

Cullen, D. [Principal Investigator]. *In vivo* mechanisms of local statin-induced bone. NIH — \$24,000 — (1 April 2004-31 March 2006).

Del Core, M. [Principal Investigator]; Mohiuddin, S., & Mooss, A. [Co-Investigators]. Interventional cardiology fellowship program. Boston Scientific Corporation — \$50,000 — (1 January 2004).

Del Core, M. [Principal Investigator]; Mooss, A., & Mohiuddin, S. [Co-Investigators]. Interventional fellowship program. Cordis Corporation — \$15,000 — (1 January 2004).

Deng, H. [Principal Investigator]; & Recker, R. [Co-Investigator]. Development of a genetic research program for gene mapping for complex diseases. State of Nebraska — \$28,417 — (1 July 2003-30 June 2004).

Deng, H. [Principal Investigator]; & Recker, R. [Co-Investigator]. Genetic basis of osteoporotic fractures and bone mass. NIH — \$606,150 — (1 July 2001-30 June 2006).

Deng, H. W. Characterization of deleterious genomic mutations. NIH — \$675,000 — (1 August 2000-31 July 2005).

Desmangles, J. [Principal Investigator]. The influence of calcium and vitamin D on blood pressure in African-American adolescents. HFF — \$5,400 — (16 September 2003-30 June 2005).

Dey, B. [Principal Investigator]. IGF-IR mitogenic signaling and SOCS-3 in colon cancer. HFF — \$20,000 — (1 July 2003-30 June 2005).

Dey, B. [Principal Investigator]. Insulin like growth factor 1 receptor (IGFIR) signaling in mallalian cells. State of Nebraska — \$210,000 — (1 July 2003-30 June 2004).

Dey, B. [Principal Investigator]. SOCS-3 and IGF-IR signaling in colon cancer. NIH — \$295,275 — (19 September 2003-30 June 2004).

Dey, B. [Principal Investigator]. SOCS-3 in IGF-IR signaling in malignant cells. NIH — \$71,250 — (1 September 2003-31 August 2005).

Dowd, F. J. [Co-Investigator]. Salivary secretion — Role of calcium. NIDCR-NIH — \$126,154 — (1 December 2002-30 November 2004).

Dowd, F. [Principal Investigator]; & Abel, P. [Co-Investigator]. Research program in neuropharmacology. State of Nebraska — \$20,000 — (1 July 2003-30 June 2005).

Drescher, K. [Principal Investigator]. COBRE: Project 2 - Role of neuregulins in myelin repair in the CNS and PNS. NIH — \$299,893 — (1 October 2003-30 September 2008).

Drescher, K. [Principal Investigator]. Inhibiting demyelination by immunization using coxsackievirus vectors. National Multiple Sclerosis Society — \$163,163 — (1 April 2004-31 March 2005).

Dworzack, D. [Principal Investigator]; Bittner, M., Preheim, L., Gorby, G., & Sharma, A. [Co-Investigators]. Investigation of the natural history of West Nile virus infection in patients with or at risk for progression to West Nile virus encephalomyelitis (CASG211). NIH — \$62,100 — (1 August 2003-31 July 2004).

Enarson, C. [Principal Investigator]. CIG-administration and planning. State of Nebraska — \$146,021 — (1 July 2003-30 June 2004).

Enarson, C. [Principal Investigator]. Creighton University animal resource facility: Enhancement (year 2) as a research core facility. State of Nebraska — \$85,075 — (1 July 2003-30 June 2004).

Enarson, C. [Principal Investigator]. Enhancement of animal research facility (ARF) as a research core facility. State of Nebraska — \$200,000 — (1 July 2003-30 June 2004).

Enarson, C. [Principal Investigator]. Discretionary funds. HFF — \$185,855 — (1 July 2003-30 June 2004).

Fitzgibbons, R. [Principal Investigator]. Inguinal hernia management: Watchful waiting versus operation. NIH — \$314,918 — (1 October 2003-30 September 2004).

Fitzgibbons Jr., R. J. [Principal Investigator]. Cyclooxygenase 2 (Cox2) inhibitors for control of perioperative pain in inguinal hernia patients. Merck Pharmaceutical — no monetary support — (1 January 2001-30 September 2004).

Fitzgibbons Jr., R. J. [Principal Investigator]. Inguinal hernia management: Watchful waiting versus operation. Agency for Health Care Research & Quality — \$6,292,335 — (1 September 1999-1 March 2005).

Fleming, A. [Principal Investigator]. Maurice Grier symposium. First Choice Healthcare — \$200 — (1 May 2004).

Fleming, A. [Principal Investigator]. Maurice Grier symposium. Procter & Gamble Company — \$500 — (1 May 2004).

Frey, D. [Principal Investigator]. A multicenter, double-blind, randomized study to compare the efficacy and safety of levofloxacin 750 mg once daily for five days versus ciprofloxacin twice daily for ten days in the treatment of complicated urinary tract infection or acute pyelonephritis. Ortho-McNeil Pharmaceuticals — \$30,000 — (2004-present).

Frey, D. [Principal Investigator]. A multidisciplinary intervention to optimize the recovery of elderly patients hospitalized with community acquired pneumonia. ASP-CHEST Foundation Geriatric Development Research Award (Lee E. Morrow, MD). Member, Mentorship Team for Dr. Morrow.

Frey, D. [Principal Investigator]. An open label study to evaluate the safety and efficacy of topical kleeer-mc for treatment of molluscum contagiosum. Kleeer Biosciences — \$3,600 — (30 June 2004).

Frey, D. [Principal Investigator]. A randomized, double-blind, parallel group study to investigate the safety and efficacy of treatment with dutasteride and tamsulosin, administered once daily for four years, alone and in combination, on the improvement of symptoms and clinical outcome in men with moderate to severe symptomatic benign prostatic hyperplasia. GlaxoSmithKline Pharmaceuticals — \$140,000 — (31 January 2004).

Frey, D. [Principal Investigator]. Study of duloxetine HC1 in women of different demographic characteristics and co-morbidities with stress urinary incontinence: Evaluation of efficacy and safety. Eli Lilly & Boehringer Ingelheim Pharmaceuticals — \$30,000 — (2003-present).

Fritsch, B. [Principal Investigator]. Constructing a *ngn1/Math1* knockin mouse. NIH — \$49,496 — (1 September 2003-31 August 2004).

Fritsch, B. [Principal Investigator]. Effects of FGF10 on GATA3 expression. NOHR — \$10,000 — (1 February 2003-31 January 2004).

Fritsch, B. [Co-Principal Investigator]. The molecular biology of neurosensory systems. NIH — \$1,906,001 — (1 August 2003-31 July 2008).

Fritsch, B. [Co-Principal Investigator]. The Nebraska center for cell biology. National Science Foundation-EPSCoR Nebraska — \$2,446,076 — (1 February 2004 -31 January 2007).

Fritzsch, B. [Principal Investigator]. Optimizing tracers for multicolor neuronal profiling. NIH — \$249,894 — (1 February 2004-31 January 2006).

Fritzsch, B. [Principal Investigator]; & Beisel, K. [Co-Investigator]. Cellular interaction during ear development. NIH — \$1,001,040 — (1 September 2002-31 August 2005).

Fritzsch, B. [Principal Investigator]; & Beisel, K. [Co-Investigator]. COBRE: Core A - Administration. NIH — \$39,316 — (30 September 2003-30 June 2004).

Fritzsch, B. [Principal Investigator]; & Beisel, K. [Co-Investigator]. Development of mice carrying targeted gene mutations (administrative supplement to cellular interactions during ear development dc005590). NIH — \$49,496 — (1 September 2003-31 August 2004).

Fritzsch, B. [Principal Investigator]; Crapon de Caprona, M., Beisel, K., & Nichols, D. [Co-Investigators]. Neurobiology of vestibular development in mutant mice. NASA — \$819,867 — (1 October 2002-30 September 2005).

Gallagher, J. [Principal Investigator]. Douglas County community outreach project (COP). State of Nebraska — \$16,932 — (1 January 2004-30 June 2004).

Gallagher, J. [Principal Investigator]. Women's community health center. State of Nebraska — \$352,333 — (1 July 2003-30 June 2004).

Gallagher, J. [Principal Investigator]. Women's community health items. St. Joseph Hospital Service League — \$5,600 — (27 February 2004).

Galt, K. [Principal Investigator]; Houghton, B., Markert, R., Rich, E., & Frey, D. [Co-Investigators]. Impact of personal digital assistant devices on medication safety in primary care. Health & Human Services — \$222,462 — (1 October 2003-30 September 2004).

Galt K. A. [Principal Investigator]; Houghton, B., Rich, E. C., Bramble, J. D., Young, W., Markert, R., & Barr, C. [Co-Investigators]. Impact of personal digital assistant devices on medication errors in primary care. Agency for Healthcare Research & Quality — \$901,770 — (1 October 2001-30 September 2004).

Gentry-Nielsen, M. J. [Principal Investigator]. Smoking- and ethanol-induced defects in pneumonia defense. National Institute on Alcohol Abuse & Alcoholism — \$396,966 — (December 2001-November 2005).

Gentry-Nielsen, M. [Principal Investigator]. Smoking- and ethanol-induced defects in pneumonia defense. NIH — \$117,437 — (1 December 2003-30 November 2004).

Goering, R. [Principal Investigator]. BRIN genomics core: Nebraska training network (NETNET). NIH — \$7,125 — (1 September 2003-30 June 2004).

Goering, R. [Principal Investigator]. Expansion of virology and immunology as research centers of excellence. State of Nebraska — \$20,000 — (1 July 2003-30 June 2005).

Goering, R. [Principal Investigator]. Goering drug pool. Scripps — \$1,440 — (15 January 2004).

Goering, R. [Principal Investigator]. Idemiological typing of pseudomonas. Quest Diagnostics — \$320 — (20 March 2004).

Goering, R. [Principal Investigator]. Identification of chromosomal loci in *staphylococcus aureus* associated with decreased susceptibility to daptomycin. Cubist Pharmaceuticals — \$6,150 — (6 November 2003).

Govindarajan, V. [Principal Investigator]. Cancer center developmental/molecular biologist project. State of Nebraska — \$90,283 — (1 February 2004-30 June 2004).

Hallworth, R. [Principal Investigator]. Mechanism of outer hair cell motility. NIH — \$206,836 — (1 December 2003-30 November 2004).

Hallworth, R. [Principal Investigator]. Nebraska center for cell biology. National Science Foundation-EPSCoR. Nebraska, Project 2 — \$2,446,076 — (February 2004-January 2007).

Hallworth, R. [Principal Investigator]; & Nichols, M. [Co-Investigator]. Development of an optical stretcher facility. State of Nebraska — \$13,947 — (1 September 2003-31 August 2004).

Hansen, L. [Principal Investigator]. Epidermal growth factor receptor regulation of proliferation in the skin. HFF — \$19,337 — (1 July 2003-30 June 2005).

Hansen, L. [Principal Investigator]; & Nawaz, Z. [Co-Investigator]. UNMC COBRE: EERBB2 in ultraviolet induced skin carcinogenesis. NIH — \$335,129 — (19 September 2003-30 June 2004).

Hansen, L. [Principal Investigator]; & Soukup, G. [Co-Investigators]. COBRE: Project 1 - EGFR and peripheral nervous system development. NIH — \$317,323 — (30 September 2003-30 June 2004).

Hanson, N. [Principal Investigator]. Characterization of  $\beta$ -lactamase resistance using molecular diagnostics. University of California at Berkeley — \$213 — (1 April 2004-31 March 2005).

Hanson, N. [Principal Investigator]. Detection and identification of  $\beta$ -lactamases. Ortho-McNeil — \$17,000 — (1 July 2003).

Hanson, N. [Principal Investigator]. Research protocol for AmpC reference strains. Becton Dickinson & Co. Baltimore — \$4,680 — (1 May 2004).

Hanson, N. [Principal Investigator]. Research protocol for molecular characterization of AmpC resistance. Spectrum Health — \$180 — (1 May 2004).

He, D. Z. Z. [Principal Investigator]. Biophysics and development of cochlear outer hair cells. NIH-NIDCD — \$650,000 — (15 January 2001-30 November 2005).

He, D. Z. Z. [Principal Investigator]. Mechanoelectrical transduction in adult cochlear hair cells. NIH-NIDCD — \$200,000 — (1 April 2003-31 March 2005).

Heaney, R. P. [Principal Investigator]. Analysis of the physical state of the calcium fortificant in a variety of calcium fortified beverages. Dairy Management, Inc. — \$4,000 — (1 August 2003).

Heaney, R. P. [Principal Investigator]. Bone sparing by calcium salts with and without extra phosphorus. NIH (NIAMS) — \$211,500 — (1 July 2003-30 June 2004).

Heaney, R. P. [Principal Investigator]. Bony effects of transient nonskeletal illness. NIH — \$121,800 — (15 August 2001-31 July 2002, with a no-cost extension granted to 31 July 2004).

Heaney, R. P. [Principal Investigator]. Comparison of calcium absorbability from calcium-fortified orange juices with and without vitamin D. Tropicana Products, Inc. — \$108,832 — (1 November 2003).

Heaney, R. P. [Principal Investigator]. Comparison of calcium absorbability from calcium-fortified orange juices with and without vitamin D. \$65,536 — (April 2004–July 2004).

Heaney, R. P. [Principal Investigator]. Determination of calcium absorbability from marine calcium effervescent powder relative to calcium carbonate. \$39,008 — (May 2004–July 2004).

Heaney, R. P. [Principal Investigator]. Ethnic and environmental influences on vitamin D requirement in military personnel. U.S. Department of Defense — \$123,093 — (1 July 2003-30 June 2004).

Heaney, R. P. [Principal Investigator]. Longitudinal study of a pre-osteoporosis population. HFF [support ended; study remains ongoing].

Heaney, R. P. [Principal Investigator]. Newsletter and patient support. Johnson & Johnson — \$3,000 — (1 November 2003).

Heaney, R. P. [Principal Investigator]. Newsletter and patient support. Merck & Company, Inc. — \$2,000 — (1 April 2004).

Heaney, R. P. [Principal Investigator]; & Dowell, S. [Co-Investigator]. Determination of calcium absorbability from marine coral calcium effervescent powder relative to calcium carbonate. CPMC, LLC — \$23,405 — (1 March 2004-28 February 2005).

Heaney, R. P. [Principal Investigator]; Lund, R., & Dowell, S. [Co-Investigators]. Phase IV double-blind, double-dummy, single-center, randomized, active-controlled cross over study to evaluate the effects of two vitamin-D compounds zemplar and calcijex on intestinal absorption of calcium. Abbott Laboratories — \$22,500 — (15 April 2004).

Heaney, R. P. [Principal Investigator]; Recker, R., & Lappe, J. [Co-Investigators]. Bone-sparing by Ca salts with and without extra phosphorus. NIH — \$301,388 — (22 September 2003-31 August 2004).

Hee, T. [Principal Investigator]; Li, H., Mohiuddin, S., & Rovang, K. [Co-Investigators]. Search AV extension for promoting atrioventricular conduction. Medtronic, Inc. — \$1,800 — (1 July 2003).

Holmberg, J. [Principal Investigator]; Mohiuddin, S., & Mooss, A. [Co-Investigators]. Relationship between lipoproteins endothelial function and smoking status in Asian-Indians. HFF — \$19,808 — (1 July 2003-30 June 2005).

Huerter, C. [Principal Investigator]. Multicenter open-label prospective study to evaluate the effectiveness and safety of etanercept in the treatment of subjects with psoriasis. Amgen, Inc. — \$10,780 — (1 April 2004).

Huerter, C. [Principal Investigator]; Kenik, J., & Hurley, J. [Co-Investigators]. Multicenter open label study to observe the effect of etanercept on joint and skin disease in subjects with psoriatic arthritis. Immunex Corporation — \$1,200 — (1 November 2003).

Hunter, C. [Principal Investigator]; & Reyes, A. [Co-Investigator]. A-heft: African-American heart failure trial. NitroMed, Inc. — \$5,000 — (21 November 2003).

Jones, J. [Principal Investigator]; Barone, E., & Guck, T. [Co-Investigators]. Training in primary care medicine and dentistry. Health & Human Services — \$72,036 — (1 July 2003-30 June 2004).

Kosoko-Lasaki, S. [Principal Investigator]. Community glaucoma activities. Alcon Laboratories, Inc. — \$6,000 — (1 January 2004-31 December 2004).

Kosoko-Lasaki, S. [Principal Investigator]. Preventing glaucoma blindness in Nebraska: A Creighton University initiative. Friends of the Congressional Glaucoma Caucus Foundation — \$56,147 — (10 December 2003-31 December 2004).

Kosoko-Lasaki, S. [Principal Investigator]. Short term training for minority students program. NIH — \$40,733 — (1 April 2004-31 March 2005).

Kosoko-Lasaki, S. [Principal Investigator]; Jeffries, W., Kavan, M., Nairn, R., Barone, E., Markert, R., Rich, E., & Patrick, E. [Co-Investigators]. Creighton University center of excellence. NIH — \$555,907 — (1 September 2003-31 August 2004).

Kosoko-Lasaki, S. [Principal Investigator]; Kavan, M., & Nipper, H. [Co-Investigators]. Pipeline to success (HCOP). Health & Human Services — \$467,049 — (3 September 2003-31 August 2006).

Lambert, G. [Principal Investigator]; & Lanspa, S. [Co-Investigator]. Extension of pilot study: Effect of carbohydrate concentration and composition on intestinal absorption of fluid replacement solutions. Gatorade Sport Science Institute — \$9,900 — (15 October 2003).

Lappe, J. [Principal Investigator]; & Cullen, D. [Co-Investigator]. Exercise and calcium effect on pubertal bone gain. NIH — \$224,438 — (1 April 2004-31 March 2005).

Lappe, J. [Principal Investigator]; & Haynatzki, G. [Co-Investigator]. Calcium foods and bone health of adolescent girls. NIH — \$178,125 — (1 January 2004-31 December 2004).

Lappe, J. [Principal Investigator]; Recker, R., & Haynatzki, G. [Co-Investigators]. Calcium and vitamin D malnutrition in elderly women. NIH — \$609,101 — (1 July 2003-30 June 2005).

Li, H. [Principal Investigator]; Hee, T., & Rovang, K. [Co-Investigators]. Ventricular arrhythmia suppression trial. Guidant Corporation — \$2,100 — (1 September 2003).

Lister, P. [Principal Investigator]. Pharmacodynamics of 750 mg and 500 mg doses of levofloxacin against parC mutants of *Streptococcus pneumoniae* in an *in vitro* pharmacokinetic model. Ortho-McNeil — \$44,100 — (1 December 2003).

Lister, P. [Principal Investigator]. Pharmacodynamics of tigecycline against *Escherichia coli* and *Staphylococcus aureus* in an *in vitro* pharmacokinetic model: Evaluation of impact of peak/mic and auc/mic ratios and % time above mic on antibacterial activity. Wyeth-Ayerst Laboratories — \$17,160 — (1 August 2003).

Loggie, B. [Principal Investigator]. CIG-cancer biology program. State of Nebraska — \$100,000 — (1 July 2003-30 June 2004).

Loggie, B. [Principal Investigator]. Development of novel therapies for breast cancer. State of Nebraska — \$20,000 — (1 July 2003-30 June 2004).

Loggie, B. [Principal Investigator]. Expression analysis of co-regulators in breast cancer. State of Nebraska — \$20,000 — (1 July 2003-30 June 2005).

Loggie, B. [Principal Investigator]. Relationship between transcriptional modulator (E6-AP), tumor suppressor (p53) and mucin expression in breast and colon cancer. LB-595 — \$100,000 — (2003).

Lovas, S. [Principal Investigator]. BRIN: Bioinformatics core. NIH — \$20,896 — (1 September 2003-30 June 2004).

Lovas, S. [Principal Investigator]. BRIN: Proteomics core. NIH — \$135,308 — (1 September 2003-30 June 2004).

Lynch, H. [Principal Investigator]. Blood samples for Dr. Bogdan Czerniak, MD, PhD. University of Texas — \$3,602 — (15 January 2004).

Lynch, H. [Principal Investigator]. Epidemiology and genetic predisposition of pancreatic cancer. Jacqueline Seroussi Foundaton — \$150,000 — (1 December 2003-30 November 2004).

Lynch, H. [Principal Investigator]. Pancreatic cancer genetic epidemiology consortium. NIH — \$149,499 — (1 August 2003-31 July 2004).

Lynch, H. [Principal Investigator]. Phenotypic and psychosocial study of the I1307k mutation. NIH — \$290,367 — (1 February 2004-31 January 2005).

Lynch, H. [Principal Investigator]. Prophylactic surgery in carriers of brca1/brca2 mutations. NIH — \$44,099 — (1 September 2003-31 August 2004).

Lynch, H. [Principal Investigator]; Knezetic, J., & Watson, P. [Co-Investigators]. EDRN — The hereditary cancer clinical center. NIH — \$564,956 — (1 March 2004-28 August 2005).

Lynch, H. [Principal Investigator]; & Watson, P. [Co-Investigator]. CIG-hereditary cancer program. State of Nebraska — \$241,411 — (1 July 2003-30 June 2004).

Mackin, R. [Principal Investigator]. HFF discretionary: Bridge support for laboratory expenses. HFF — \$12,000 — (1 January 2004-30 June 2004).

Mackin, R. [Principal Investigator]. Specificity of propeptide converting enzymes. NIH — \$224,988 — (1 April 2004-31 March 2005).

Mailliard, J. A. [Principal Investigator]. Missouri Valley cancer consortium CCOP. NIH, National Cancer Institute — \$835,000 — (2004-2005).

Marcil, W. [Principal Investigator]; Wilson, D., Petty, F., & Ramaswamy, S. [Co-Investigators]. Comparison of efficacy and safety of continuing olanzapine to switching to quetiapine in overweight or obese patients with schizophrenia or schizoaffective disorder. Eli Lilly & Company — \$14,001 — (24 March 2004).

McQuillan, R. [Principal Investigator]. Anesthesiology research program start-up. HFF — \$30,000 — (1 July 2003-30 June 2005).

Meyer, R. [Principal Investigator]. Gap junction communication in cell differentiation and senescence. HFF — \$20,000 — (1 July 2003-30 June 2005).

Mohiuddin, S. [Principal Investigator]. Peer 2 peer. Health & Human Services — \$2,875 — (1 October 2003-30 June 2004).

Mohiuddin, S. [Principal Investigator]. Priority women. American Legacy Foundation — \$7,482 — (1 September 2003-31 August 2004).

Mohiuddin, S. [Principal Investigator]. Step out Omaha. State of Nebraska — \$3,500 — (1 July 2003).

Mohiuddin, S. [Principal Investigator]; Arouni, A., Mooss, A., Maciejewski, S., Hilleman, D., Shen, X., & Agrawal, D. [Co-Investigators]. Smoking and endothelial dysfunction. State of Nebraska — \$50,000 — (1 July 2003-30 June 2004).

Mohiuddin, S. [Principal Investigator]; Esterbrooks, D., & Hilleman, D. [Co-Investigators]. Cardiovascular risk factor screening and intervention in African-American adults (CARSI). State of Nebraska — \$156,134 — (1 July 2003-30 June 2005).

Mohiuddin, S. [Principal Investigator]; Esterbrooks, D., Hilleman, D., & Williams, M. [Co-Investigators]. Creighton heart education center (CHEC). NIH — \$151,760 — (30 September 2003-29 September 2004).

Mohiuddin, S. [Principal Investigator]; Esterbrooks, D., Mooss, A., & Reyes, A. [Co-Investigators]. Aggressive reduction of inflammation stops events (ARISE). Integrium, LLC — \$6,450 — (1 July 2003-30 June 2005).

Mohiuddin, S. [Principal Investigator]; Esterbrooks, D., Mooss, A., Reyes, A., & Holmberg, J. [Co-Investigators]. Multicenter three-staged randomized parallel group sequential double-blind fenofibrate and placebo-controlled dose-response evaluation of the safety tolerability and effects on plasma high-density lipoprotein cholesterol (HDL) and triglycerides (TG)... GlaxoSmithKline Company — \$5,648 — (1 February 2004).

Mohiuddin, S. [Principal Investigator]; Hunter, C., & Holmberg, J. [Co-Investigators]. Randomized multicenter evaluation of intravenous levosimendan efficacy versus placebo in the short-term treatment of decompensated chronic heart failure. Orion Pharma — \$5,600 — (10 January 2004).

Mohiuddin, S. [Principal Investigator]; Mooss, A., Del Core, M., Hilleman, D., & Williams, M. [Co-Investigators]. Intensive multi-comp cessation/relapse prevention intervention in high risk smokers. HFF — \$100,000 — (1 July 2003-30 June 2005).

Morley, B. [Principal Investigator]. Gender differences in A7 hypothalamic nicotine receptors. Centers for Disease Control & Prevention — \$40,000 — (1 July 2003-30 June 2004).

Morrow, L. [Principal Investigator]. Educational pool. Bayer Corporation — \$4,000 — (1 February 2004).

Morrow, L. [Principal Investigator]. Educational pool. Elan Pharmaceuticals, Inc. — \$10,000 — (1 September 2003).

Morrow, L. [Principal Investigator]. Multicenter clinical study of the bard silver coated endotracheal tube to reduce ventilator associated pneumonia VAP. C. R. Bard, Inc. — \$9,080 — (15 October 2003).

Murphy, R. [Principal Investigator]. BRIN: Project direction. NIH — \$4,829 — (1 September 2003-30 June 2004).

Murphy, R. [Principal Investigator]. BRIN: Supplement application. NIH — \$149,780 — (1 September 2003-30 June 2004).

Murphy, R. [Principal Investigator]. BRIN: Training/mentoring program. NIH — \$59,816 — (1 September 2003-30 June 2004).

Nawaz, Z. [Principal Investigator]. Nebraska center for cellular signaling. NIH — \$67,706 — (19 September 2003-30 June 2004).

Nawaz, Z. [Principal Investigator]. Role of e6-ap in the development of prostate cancer. NIH — \$213,750 — (1 September 2003-31 August 2004).

Nawaz, Z. [Principal Investigator]. Ubiquitin pathway enzymes: Coactivators of nuclear hormone receptors and their role in the development of breast cancer. U.S. Department of Defense — \$172,124 — (1 August 2003-31 July 2004).

Neumayer, L. [Principal Investigator], & Fitzgibbons Jr., R. J. [Co-Investigator]. Tension-free inguinal hernia repair: Comparison of open and laparoscopic surgical techniques. Veterans Administration Cooperative Trials Study — \$5,944,309 — (1 May 1998-1 March 2005).

Pedersen, W. [Principal Investigator]. Affects of insulin resistance in Alzheimer's disease. State of Nebraska — \$159,000 — (1 July 2003-30 June 2004).

Petty, F. [Principal Investigator]. Animal models of childhood and adolescent depression. NIH — \$31,952 — (14 August 2003-31 May 2004).

Petty, F. [Principal Investigator]. Visn 23 research visiting professorship series, 2003. Janssen Pharmaceutica, Inc. — \$10,000 — (15 August 2003).

Petty, F. [Principal Investigator]; & Sattar, S. [Co-Investigator]. Seroquel therapy for substance use disorders comorbid with schizophrenia and schizoaffective disorders. AstraZeneca — \$44,436 — (25 November 2003).

Petzel, D. H. [Principle Investigator]; Brauer, P. R., & Knezetic, J. [Co-Investigators]. Malpighian tubule Na/H exchanger during development. NIH-NIDDKD — \$300,000 — (1 September 2001-31 August 2005).

Petzel, D. H. [Principal Investigator], & Dowd, F. J. [Co-Investigator]. The role and regulation of chloride cells in Antarctic fish. National Science Foundation — (1 August 2003-31 July 2005).

Petzel, D. H. [Principal Investigator]; Scofield, M., Brauer, P., & Dowd, F. [Co-Investigators]. Drinking and Na/K-ATPase alpha-subunit isoform expression in Antarctic fish. National Science Foundation — \$407,069 — (1 August 2003-31 July 2006).

Preheim, L. [Principal Investigator]. Educational support for infectious diseases. Centricity LLC — \$2,190 — (22 April 2004).

Preheim, L. C., & Gentry-Nielsen, M. J. [Co-Principal Investigators]. Enhancement of pneumococcal pathogenesis in the cirrhotic host. Veterans Administration Central Office — \$910,100 — (December 2000-March, 2005).

Purtilo, R. [Principal Investigator]. Health policy & ethics center. HFF — \$339,561 — (1 July 2003-30 June 2004).

Rapuri, P. [Principal Investigator]; Gallagher, J., & Nawaz, Z. [Co-Investigators]. Vitamin D receptor gene polymorphisms: Effect of caffeine on gene expression and transcriptional responses of vitamin D receptor gene. HFF — \$20,000 — (1 July 2003-30 June 2005).

Recker, R. [Principal Investigator]. Embedding and sectioning of stented coronary arteries from pig specimens. AVI Biopharma, Inc. — \$4,400 — (1 July 2003).

Recker, R. [Principal Investigator]. A fifteen-week double-blind randomized active-controlled, multi-center study with twenty-four-week extension to evaluate the safety tolerability and efficacy of alendronate 70 mg plus vitamin D3 2800 iu combination tablet in men and postmenopausal women with osteoporosis. Merck & Company, Inc. — \$21,572 — (1 September 2003).

Recker, R. [Principal Investigator]. Inhibition of intracoronary stent-induced intimal hyperplasia with targeted micro-bubbles carry the e2f decoy oligonucleotide. University of Nebraska Medical Center — \$1,600 — (1 July 2003-30 June 2004).

Recker, R. [Principal Investigator]. Open label study to determine how prior therapy with alendronate or risedronate in postmenopausal women with osteoporosis influences the clinical effectiveness of teriparatide. Aventis Pharmaceuticals — \$3,000 — (15 December 2003).

Recker, R. [Principal Investigator]. Teriparatide (RDNA origin) injection (ly333334). Eli Lilly & Company — \$6,656 — (1 January 2004).

Recker, R. [Principal Investigator]; & Akhter, M. [Co-Investigator]. Effects of once-a-week actonel on bone microarchitecture by micro-CT analysis. Procter & Gamble Company — \$230,000 — (22 January 2004-21 January 2005).

Recker, R. [Principal Investigator]; Heaney, R., Yee, J., Akhter, M., Cullen, D., Deng, H., & Haynatzki, G. [Co-Investigators]. CIG-bone biology tobacco program. State of Nebraska — \$349,312 — (1 July 2003-30 June 2004).

Reidelberger, R. D. [Co-Principal Investigator]. Nutritional genomics center. National Science Foundation-EPSCoR — \$4,200,000 — (1 February 2004-31 January 2007).

Reidelberger, R. D. [Principal Investigator]. Research supplements for underrepresented minorities to support the research of high school students G. Ramirez, J. Weasel, A. Kosoko, J. Opere, and C. Evans. NIH-NIDDK — \$44,000 — (1 June 2004-31 August 2005).

Reidelberger, R. D. [Principal Investigator], & Smith, D. D. [Co-Investigator]. Amylin secretion and its neuroendocrine action to inhibit food intake. U.S. Department of Veterans Affairs — \$644,200 — (1 October 2001-30 September 2006).

Reidelberger, R. D. [Principal Investigator], & Smith, D. D. [Co-Investigator]. Regulation of food intake and body weight by amylin. NIH-NIDDK — \$895,500 — (1 September 2001-31 August 2006).

Rendell, M. [Principal Investigator]. Long-term effects of insulin plus metformin regimens on the overall and postprandial glycemic control of patients with type 2 diabetes: A comparison of premeal insulin lispro mixtures to once daily insulin glargine. Eli Lilly & Company — \$6,677 — (20 January 2004).

Rendell, M. [Principal Investigator]. Multicenter double-blind, placebo-controlled, randomized study of the safety of TAK-559 in the treatment of patients with type 2 diabetes mellitus. Takeda America, Inc. — \$15,768 — (1 November 2003).

Rendell, M. [Principal Investigator]. Multicenter double-blind, randomized, parallel-group study to compare the effect of twenty-four weeks treatment with LAF237 (50 mg qd or bid) to placebo as add-on-therapy in patients with type 2 diabetes inadequately controlled with pioglitazone monotherapy. Novartis Pharmaceuticals Corporation — \$1,149 — (1 March 2004).

Rendell, M. [Principal Investigator]. Multicenter double-blind, randomized, placebo-controlled, parallel safety and efficacy study of a combination of TAK-559 and clyburide compared to placebo and clyburide in the treatment of subjects with type 2 diabetes mellitus. Takeda America, Inc. — \$18,366 — (15 October 2003).

Rendell, M. [Principal Investigator]. Multicenter randomized, double-blind, active-controlled study to compare the effect of fifty-two weeks treatment with LAF237 50 mg BID to metformin up to 1,000 mg BID in drug naïve patients with type 2 diabetes. Novartis Pharmaceuticals Corporation — \$13,245 — (20 December 2003).

Rendell, M. [Principal Investigator]. Multicenter randomized, double-blind, placebo-controlled, parallel-group study of three fixed doses of EAA-090 in adult outpatients with neuropathic pain associated with diabetic neuropathy. Wyeth-Ayerst Laboratories — \$40,944 — (26 November 2003).

Rendell, M. [Principal Investigator]. Multicenter double-blind, randomized, placebo-controlled, parallel safety and efficacy study of TAK-559 in the treatment of subjects with type 2 diabetes mellitus. Takeda America, Inc. — \$23,352 — (15 October 2003).

Rendell, M. [Principal Investigator]. Phase III randomized, double-blind, active-controlled, multicenter trial to evaluate the safety and efficacy of BMS-298585 in combination with metformin compared to pioglitazone in combination with metformin in subjects with type 2 diabetes who have inadequate ... Bristol-Myers Squibb — \$30,938 — (1 October 2003).

Rendell, M. [Principal Investigator]. Substituting lantus (insulin glargine [RDNA origin] injection) for a thiazolidinedione versus a third oral agent as add-on therapy in patients failing a thiazolidinedione and sulfonylurea or glucophage (metformin) combination. Aventis Pasteur, Inc. — \$11,040 — (10 October 2003).

Reyes, P. [Principal Investigator]. Development of the center for aging/Alzheimer's disease and neurodegenerative disorders. HFF — \$115,000 — (1 July 2003-30 June 2004).

Reyes, P. [Principal Investigator]. A twelve-week, prospective, double-blind, placebo-controlled, multicenter study evaluating the efficacy and safety of exelon 3 - 6 mg/day in patients with traumatic brain injury (TBI) with persistent cognitive deficits. Novartis Pharmaceuticals Corporation — \$28,239 — (2 October 2003).

Reyes, P. [Principal Investigator]. A twenty-four-week, multicenter, randomized, double-blind, placebo- and active-controlled parallel-group evaluation of the efficacy safety and tolerability of the once-daily exelon patch formulation in patients with probable Alzheimer's disease. Novartis Pharmaceuticals Corporation — \$33,476 — (1 December 2003).

Romero, J. R. [Principal Investigator], & Chatterjee, A. [Co-Investigator]. A comparison of the safety and efficacy of Cefdinir oral suspension versus azithromycin in pediatric subjects with acute otitis media. Abbott Laboratories — \$14,400 — (1 November 2003-Present).

Romero, J. R. [Principal Investigator], & Chatterjee, A. [Co-Investigator]. GlaxoSmithKline (GSK) biologicals' inactivated hepatitis A vaccine (Havrix) containing 720 ELISA Units (ELU) of hepatitis A antigen per 0.5 mL dose absorbed onto 0.25 mg of aluminum hydroxide. GlaxoSmithKline — \$54,750 — (1 September 2003-Present).

Romero, J. R. [Principal Investigator], & Chatterjee, A. [Co-Investigator]. An open-label single arm trial to assess the shedding, immunogenicity and safety of flumist administered to healthy individuals 5-49 years of age. MedImmune — \$181,386.00 — (1 June 2004 - Present).

Romero, J. R. [Principal Investigator], & Chatterjee, A. [Co-Investigator]. A phase IIb, open, randomized, controlled, multicenter study of the immunogenicity and safety of GSK biologicals' inactivated hepatitis A vaccine [Havrix@[720 ELU/0.5mL dose] administered on a 0, 6-month schedule concomitantly with Wyeth Lederle's pneumococcal conjugate vaccine (Pevnar™) in healthy children fifteen months of age. \$61,451 — (1 September 2003-Present).

Romero, J. R. [Principal Investigator], & Chatterjee, A. [Co-Investigator]. A phase III, double-blind, randomized, comparative, multicenter study of the immunogenicity and safety of the three doses of GlaxoSmithKline biologicals' thiomersal-free hepatitis B vaccine [10 mcg/0.5 mL] compared to the U.S.-licensed GlaxoSmithKline biologicals' preservative-free hepatitis B vaccine [Engerix-B@, 10mcg/0.5 mL] when administered intramuscularly on a 0, 1, 6-month schedule to healthy infants in their first two weeks of life. GlaxoSmithKline — \$79,380 — (1 October 2003-Present).

Romero, J. [Principal Investigator]; & Chatterjee, A. [Co-Investigator]. Phase IIIb open randomized, controlled, multicenter study of the immunogenicity and safety of GSK biologicals inactivated hepatitis A vaccine (havrix) [720 e1.u/0.5ml dose] administered on a 0, 6-month schedule concomitantly with Wyeth lederles.... GlaxoSmithKline Company — \$8,322 — (1 September 2003).

Sattar, S. [Principal Investigator]. Developing leadership in reducing substance abuse. Robert Wood Johnson Foundation — \$25,000 — (1 July 2003-30 June 2006).

Sattar, S. [Principal Investigator]; Petty, F., Grant, K., Bhatia, S. C., & Fernandes, P. [Co-Investigators]. Depakote ER therapy for mania comorbid with substance abuse. Abbott Laboratories — \$12,500 — (1 July 2003).

Silberstein, P. [Principal Investigator]. Educational grant fund for patient education, staff and physician development (including oncology journal club). Celgene Corporation — \$5,000 — (1 May 2004).

Silberstein, P. [Principal Investigator]. Educational grant fund for patient education staff and physician development (including oncology journal club). Purdue Pharma L.P. — \$1,500 — (1 May 2004).

Silberstein, P. [Principal Investigator]. Educational grant fund for patient education staff and physician development (including oncology journal club). Sanofi-Synthelabo, Inc. — \$10,000 — (1 May 2004).

Silberstein, P. [Principal Investigator]; & Caracioni, A. [Co-Investigator]. Phase III study of taxoprexin injectin versus dacarbazine in patients with metastatic malignant melanoma. Luitpold Pharmaceuticals, Inc. — \$5,000 — (1 May 2004).

Silberstein, P. [Principal Investigator]; & Caracioni, A. [Co-Investigator]. Phase III trial of novel epothilone BMS-247550 plus capecitabine versus capecitabine alone in patients with advanced breast cancer previously treated with or resistant to an anthracycline and who are taxane resistant. Bristol-Myers Squibb — \$10,000 — (15 July 2003).

Silberstein, P. [Principal Investigator]; & Caracioni, A. [Co-Investigator]. Randomized open-label, multicenter study of darbepoetin alfa administered once every two weeks (q2w) compared with rhuepo administered once every week (qw) for the treatment of anemia in subjects with non-myeloid malignancies receiving multicyle chemotherapy. Amgen, Inc. — \$170,519 — (1 August 2003).

Silberstein, P. [Principal Investigator]; & Caracioni, A. [Co-Investigator]. Synchronicity: A study to evaluate the effectiveness of aranesp at 300 mcg q3w on clinical outcomes in cancer patients with anemia due to chemotherapy. Amgen, Inc. — \$10,900 — (25 February 2004).

Silva, E. [Principal Investigator]. Acquisition of mx-20 faxitron for comprehensive breast center. Susan G. Komen Breast Cancer Foundation — \$25,900 — (1 January 2004-31 December 2004).

Snyder, C. [Principal Investigator]; & Lynch, H. [Co-Investigator]. Effect of reminder telephone calls on mammography compliance in high-risk women. U.S. Department of Defense — \$149,968 — (15 May 2004-14 June 2005).

Sokol, M. S. [Principal Investigator]. Assessment of infection-triggered anorexia nervosa. Wiebe Foundation — \$112,500 — (2001- 2003).

Sonnino, R. E. [Principal Investigator]. Characterization and prevention of ischemic injury in intestinal transplant grafts. March of Dimes Birth Defects Foundation — \$186,734 — (2000-2004).

Soukup, G. A. [Project Principle Investigator], & Smith, S.D. [Program Director]. The molecular biology of neurosensory systems. NIH-NCRR COBRE — \$10,779,656 — (30 September 2003-30 June 2008).

Sullivan, P. [Principal Investigator]. Adult violence linkages in youth with disabilities. Centers for Disease Control & Prevention — \$297,710 — (30 September 2003-29 September 2005).

Sullivan, P. [Principal Investigator]. Neglectful parenting and children's aggression. NIH — \$124,122 — (1 July 2003-31 August 2004).

Swanson, P. [Principal Investigator]. Characterization of v(d)j cleavage and repair complexes. NIH — \$118,313 — (1 July 2003-30 June 2008).

Swanson, P. [Principal Investigator]. Characterization of v(d)j cleavage and repair complexes. NIH — \$249,375 — (1 February 2004-31 January 2005).

Swanson, P. [Principal Investigator]. Flow cytometry core facility for molecular and cellular applications. State of Nebraska — \$72,710 — (1 September 2003-31 August 2004).

Swanson, P. [Principal Investigator]. Transgenic mice expressing catalysis-deficient rag-1. State of Nebraska — \$40,000 — (1 July 2003-30 June 2005).

Thomson, K. [Principal Investigator]; & Moland, E. [Co-Investigator]. *In vitro* investigations of: Activity of a new quinolone against United States isolates of gram-positive cocci and development of quinolone resistance in enterococci. Daiichi Pharmaceutical Co., Ltd. — \$73,824 — (1 October 2003).

Thomson, K. [Principal Investigator]; Hanson, N., & Moland, E. [Co-Investigators]. Vitek gram-positive susceptibility development trial data collection protocol: GPS-16. bioMerieux Vitek, Inc. — \$8,808 — (20 January 2004).

Thomson, K. [Principal Investigator]; & Moland, E. [Co-Investigator]. Vitek 2 clinical trial protocol for the ESBL test. bioMerieux Vitek, Inc. — \$22,369 — (1 July 2003).

Townley, R. [Principal Investigator]. Multicenter randomized, double-blind, parallel group, forty-week comparison of asthma control using bronchial hyperresponsiveness as an additional guide to long-term treatment in adolescents and adults receiving either fluticasone propionate/salmeterol diskus ... GlaxoSmithKline Company — \$31,800 — (1 September 2003).

Tu, Y. [Principal Investigator]. Mechanism of regulators of G protein signaling (RGS) in cell growth and development. HFF — \$287,969 — (9 October 2003-30 June 2004).

Tu, Y. [Principal Investigator]. Role of the N terminus of G-protein alpha subunits in RGS-mediated regulation. American Heart Association — \$260,000 — (1 January 2002-31 December 2005).

Wang, Z. [Principal Investigator]. RbAp46: Roles in breast cancer progression. NIH — \$373,925 — (1 July 2003-30 June 2004).

Watson, P. [Principal Investigator]. Susceptibility prediction in familial colon cancer. NIH — \$3,543 — (1 July 2003-30 June 2004).

Watson, P. [Principal Investigator]. Windber marker study. Windber Research Institute — \$1,390 — (1 July 2003-30 June 2004).

Wilson, D. [Principal Investigator]. Distinguished professorship series. Janssen — \$5,000 — (17 October 2003).

Wilson, D. [Principal Investigator]. Educational grant. GlaxoSmithKline Company — \$4,000 — (5 September 2003).

Wilson, D. [Principal Investigator]. Psychiatry grand rounds. Ortho-McNeil — \$2,400 — (16 September 2003).

Wilson, D. [Principal Investigator]; Petty, F., & Marcil, W. [Co-Investigators]. Efficacy of high dose olanzapine in a controlled fixed dose-response trial for the treatment of schizophrenia and schizoaffective disorder. Eli Lilly & Company — \$35,792 — (15 July 2003).

Wilson, D. [Principal Investigator]; Petty, F., & Marcil, W. [Co-Investigators]. Randomized double blind study of depakote monotherapy olanzapine monotherapy and combination therapy of depakote plus olanzapine in stable subjects during the maintenance phase of bipolar illness. Abbott Laboratories — \$12,469 — (1 August 2003-31 July 2005).

Yagmour, A. [Principal Investigator]. Child health clinics. Health & Human Services — \$40,000 — (1 October 2003-30 September 2004).

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## NURSING

Bergman-Evans, B. [Principal Investigator]. Community health specialist/FMP: A blended major. Health & Human Services — \$172,223 — (1 July 2003-30 June 2005).

Heaney, R. P. [Principal Investigator]; Recker, R., & Lappe, J. [Co-Investigators]. Bone-sparing by Ca salts with and without extra phosphorus. NIH — \$301,388 — (22 September 2003-31 August 2004).

Kunes-Connell, M. [Principal Investigator]. Nurse faculty loan program. Health & Human Services — \$49,868 — (1 July 2004-30 June 2005).

Lappe, J. [Principal Investigator]; & Cullen, D. [Co-Investigator]. Exercise and calcium effect on pubertal bone gain. NIH — \$224,438 — (1 April 2004-31 March 2005).

Lappe, J. [Principal Investigator]; & Haynatzki, G. [Co-Investigator]. Calcium foods and bone health of adolescent girls. NIH — \$178,125 — (1 January 2004-31 December 2004).

Lappe, J. [Principal Investigator]; Recker, R., & Haynatzki, G. [Co-Investigators]. Calcium and vitamin D malnutrition in elderly women. NIH — \$609,101 — (1 July 2003-30 June 2005).

Norris, J. [Principal Investigator]. Advanced education nurse traineeships. Health & Human Services — \$18,621 — (1 July 2003-30 June 2004).

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## PHARMACY AND HEALTH PROFESSIONS

Cadooas, D. A., & Dash, A. K. 2004 AFPE Gateway Research Fellowship. \$5,000 — (1 January 2004-31 December 2004).

Dash, A. [Principal Investigator]. Development of a novel polyantibiotic local drug delivery system for intracrevicular medication. American Foundation for Pharmaceutical Education — \$5,000 — (1 July 2004-30 June 2005).

Destache, C. [Principal Investigator]. Evaluation of anti-retroviral drug efficacy delivered by nano-suspensions to monocyte-derived macrophages. Baxter Diagnostics, Inc. — \$10,000 — (15 November 2003).

Faulkner, M. A. [Principal Investigator]; Ryan-Haddad, A. M., Lenz, T. L., & Coover, K. L. [Co-Investigators]. A pharmacist-run program for prevention and treatment of osteoporosis through ultrasound heel scans and patient education. NABP District V — \$3,000.

Galt, K. [Principal Investigator]. Educational pool. University of Houston Foundation — \$700 — (11 December 2003).

Galt, K. A. [Principal Investigator]. John M. Eisenberg memorial lectureship on therapeutics research. Centers for Education & Research on Therapeutics-Agency for Healthcare Quality & Research — \$2,000 — (31 December 2003).

Galt, K. [Principal Investigator]; Houghton, B., Markert, R., Rich, E., & Frey, D. [Co-Investigators]. Impact of personal digital assistant devices on medication safety in primary care. Health & Human Services — \$222,462 — (1 October 2003-30 September 2004).

Galt, K. A. [Principal Investigator]; Houghton, B., Rich, E. C., Bramble, J. D., Young, W., Markert, R., & Barr, C. [Co-Investigators]. Impact of personal digital assistant devices on medication errors in primary care. Agency for Healthcare Research & Quality — \$901,770 — (1 October 2001-30 September 2004).

Garis, R. [Principal Investigator]; Clark, B., & Siracuse, M. [Co-Investigators]. Economic disparities in the pharmacy benefit manager (PGM) industry. National Community of Pharmacists Association — \$6,250 — (2 September 2003-31 October 2004).

Griffiths, Y. [Principal Investigator]; Coppard, B., & Lohman, H. [Co-Investigators]. Assessment of student learning about scholarly writing using reflection and interview. Office of Excellence in Teaching, Learning & Assessment, Creighton University — \$3,750 — (Fall 2003).

Jensen, G. M. [Principal Investigator]; Boyd, S., Cochran, T., & Coppard, B. M. [Co-Investigators]. Circles of learning: Community and clinic as interdisciplinary classroom. HHS, HRSA [Quentin N. Burdick Rural, Interdisciplinary Training Grant] — \$562,000.

Jensen, G. M., & Royeen C. [Co-Investigators]. Dreamcatchers and the common good: Allied health leadership in community intergenerational health. Allied Health Project Grant; DHHS; HRSA Grant — \$486,000 — (1 July 2001-2004).

Kincaid, A. [Principal Investigator]. Neuroanatomical mapping of prion protein distribution and cranial nerve projections to the tongue and olfactory. NIH — \$24,938 — (16 October 2003-31 May 2005).

Lenz, T. L., Monaghan, M. S., & Faulkner, M. A. Evaluating the effectiveness of a disease state management continuing education program for heart failure to rural Nebraska pharmacists via two-way interactive video. 2003 District V National Boards of Pharmacy/American Association of Colleges of Pharmacy Study Grant for “Innovations in Continuing Pharmaceutical Education” — \$3,000 — (1 July 2003-30 June 2004).

Limoges, J. [Principal Investigator], & Destache, C. J. [Co-Investigator]. Efficacy of indinavir nanoparticles in a blood brain barrier model of HIV. Baxter Pharmaceuticals, Inc. — \$40,000 — (2004).

Malesker, M. [Principal Investigator]. Educational pool. Boehringer Ingelheim Pharmaceuticals, Inc. — \$500 — (29 June 2004).

Malone, P. M., Kendrach, M., Calis, K. A., & Ninno, M. CAMIPR annual meeting presentations. Eli Lilly & Co. — 7,550 — (December 2003).

Mohiuddin, S. [Principal Investigator]; Esterbrooks, D., & Hilleman, D. [Co-Investigators]. Cardiovascular risk factor screening & intervention in African-American adults (CARSI). State of Nebraska — \$156,134 — (1 July 2003-30 June 2005).

Mohiuddin, S. [Principal Investigator]; Esterbrooks, D., Hilleman, D., & Williams, M. [Co-Investigators]. Creighton heart education center (CHEC). NIHC — \$151,760 — (30 September 2003-29 September 2004).

Mohiuddin, S. [Principal Investigator]; Mooss, A., Del Core, M., Hilleman, D., & Williams, M. [Co-Investigators]. Intensive multi-comp cessation/relapse prevention intervention in high risk smokers. HFF — \$100,000 — (1 July 2003-30 June 2005).

Mosely, R. L. [Principal Investigator], & Destache, C. J. [Co-Investigator]. COP-1 as an immune-mediated neuroprotectant for Parkinson’s disease. NIH — \$250,000 — (2004-2006).

Mu, K. [Principal Investigator]; Coppard, B., & Padilla, R. [Co-Investigators]. Graduate outcomes assessment: The first entry level doctorates of occupational therapy in the United States. Summer Assessment Grant, Office for Excellence in Teaching, Learning & Assessment, Creighton University — \$8,000 — (November 2003-November 2004).

Ogunbadeniya, A. [Principal Investigator]. Non-peptide inhibitors of caspase-3: Syntheses and biological evaluations of lead compounds. HFF — \$20,000 — (1 July 2003-30 June 2005).

Opere, C., Ohia, S., & Dash, A. K. [Co-investigator]. Effect of isoprostanes on retinal transmitter release. HFF Foundation — \$20,000 — (1 July 2002-30 June 2004).

Roche, V. F., Jones, R. M., & Hinman, C. E. Learning through reflective service: The Native American experience. Midwest Consortium for Service Learning in Higher Education — \$2,000.

Ryan-Haddad, A., Faulkner, M. [Co-Investigator], & Lenz, T. Assessment of health behaviors and mental health conditions in pharmacy students at Creighton University. School of Pharmacy and Health Professions Faculty Research Development Grant — \$14,986 — (2004).

Saini, T., & Dash, A. K. [Co-investigator]. Development of novel polyantibiotic local delivery system for intracervical medication. HFF Foundation — \$18,840 — (1 July 2002-30 June 2004).

Shara, M. [Principal Investigator]; & Stohs, S. [Co-Investigator]. Safety and effects of chromium polynicotinate and a proprietary chromium-stress formula (interhealth) on weight, brain neurotransmitters and cardiac stress adaptation in rats. InterHealth Nutritionals, Inc. — \$60,000 — (21 August 2003).

Skrabal, M. [Principal Investigator], & Stading, J. [Co-Principal Investigator]. 80+ hemorrhagic cohort study. Massachusetts Veterans Epidemiology Research & Information Center — \$12,000 – (2000-2004).

Vuchetich, P. J. [Principal Investigator]. Prescription drug utilization changes following prior authorization of nonsteroidal antiinflammatory drugs in Nebraska Medicaid. HFF —\$20,000 — (7 June 2004).



## THESES AND DISSERTATIONS

### August 2003

Bowen, C. M. Determining the ionization cross sections of the M sub-shells of tungsten by x-ray fluorescence. Master of Science (Physics) — Dr. Sam J. Cipolla (Major Advisor).

Ganguly, S. A novel *in situ* gel for sustained drug delivery and targeting. Master of Science (Pharmacology) — Dr. Alekha K. Dash (Major Advisor).

Warnasooriya, N. The search for the X(1750) in ultra-peripheral collisions at STAR. Master of Science (Physics) — Dr. Janet Seger (Major Advisor).

### December 2003

Gronstal, D. Integrating detector functionality into slow controls at STAR. Master of Science (Physics) — Dr. Michael Cherney (Major Advisor).

Reisbig, M. Mechanisms of regulation and resistance for plasmid-encoded ampC  $\beta$ -lactamase genes. Doctor of Philosophy (Medical Microbiology) — Dr. Nancy D. Hanson (Major Advisor).

### May 2004

Black, J. Detection of plasmid-mediated AmpC  $\beta$ -lactamases. Master of Science (Medical Microbiology) — Dr. Kenneth S. Thomson (Major Advisor).

Herrera, V. L. Regulation of bla<sub>ox5b</sub> expression within two different genetic backgrounds: *K. pneumoniae* and *Escherichia coli*. Master of Science (Medical Microbiology) — Dr. Nancy D. Hanson (Major Advisor).

## FACULTY INDEX

**A**bel, P. W., [58](#), [76](#), [107](#)  
Abel-Zieg, C., [88](#)  
Abrams, J. J., [49](#)  
Agrawal, D., [20](#), [56-58](#), [61](#), [62](#),  
[70](#), [86](#), [102](#), [114](#)  
Aitken, M., [93](#)  
Aizenberg, S., [36](#)  
Akhter, M., [57](#), [102](#), [117](#)  
Alsharif, N. A., [96](#)  
Amidon, P., [14](#)  
Anderson, R., [86](#), [102](#), [103](#)  
Arouni, A., [57](#), [114](#)  
Ault, J., [33](#), [42](#), [50](#)

**B**agchi, D., [59](#), [81](#), [88-90](#),  
[95-97](#)  
Barger-Lux, M. J., [78](#)  
Barkmeier, W., [52](#), [101](#)  
Barone, E., [112](#)  
Barr, C., [109](#), [123](#)  
Bartels, C. L., [89](#)  
Bartz, J., [20](#), [103](#)  
Bashir, R., [103](#)  
Beisel, K. W., [7](#), [57](#), [59](#), [64](#), [65](#),  
[75](#), [77](#), [81](#), [103](#), [109](#)  
Bergman, R., [36](#), [98](#)  
Bergman-Evans, B., [75](#), [87](#), [88](#),  
[94](#), [122](#)  
Bergren, D. R., [6](#), [57](#), [103](#)  
Bertoni, J., [103](#)  
Bewtra, A., [104](#), [105](#)  
Bewtra, C., [57](#)  
Bhatia, S., [80](#)  
Bhatia, S. C., [80](#), [119](#)  
Biddle, W., [103](#)  
Bittner, M., [18](#), [107](#)  
Bockman, C. S., [41](#), [58](#), [62](#), [76](#)  
Bothmer, A. J., [37](#), [58](#), [103](#)  
Boyd, S., [123](#)  
Bradley, M., [104](#)  
Bramble, J. D., [58](#), [89](#), [96](#), [109](#),  
[123](#)

Brauer, P. R., [6](#), [47](#), [58](#), [84](#), [104](#),  
[116](#)  
Brock, B. L., [41](#)  
Bruce, L. L., [7](#), [59](#), [79](#)  
Bucher, G. S., [37](#)  
Bucko, R., [14](#), [33](#), [37-39](#), [98](#)  
Burke-Sullivan, E., [98](#)

**C**alef, S., [15](#)  
Calvert, J., [39](#)  
Carlson, J. W., [39](#)  
Casale, T., [20](#), [59](#), [65](#), [71](#), [77](#),  
[82](#), [104](#), [105](#)  
Catherwood, M., [39](#)  
Cavalieri, S. J., [105](#)  
Cavel, T., [101](#)  
Cerutis, D. R., [53](#), [54](#)  
Chakkalakal, D., [106](#)  
Chao, S., [94](#)  
Chatterjee, A., [58](#), [59](#), [76](#), [81](#),  
[84](#), [89](#), [95](#), [96](#), [106](#),  
[119](#)  
Chen, L. D., [49-51](#)  
Cheng, S. C., [42](#), [64](#)  
Cherney, I. D., [39](#), [98](#)  
Cherney, M., [35](#), [36](#), [98](#), [126](#)  
Chiou, R., [106](#)  
Chiwengo, N., [40](#)  
Choquette, J., [64](#)  
Christensen, C. M., [90](#)  
Cipolla, S. J., [126](#)  
Clark, B., [90](#), [91](#), [123](#)  
Clark, C., [40](#)  
Clark, J., [33](#)  
Clark, R., [106](#)  
Clark, T. D., [40](#), [98](#)  
Cochran, T., [123](#)  
Cook, T., [98](#)  
Coover, K. L., [96](#), [123](#)  
Coppard, B., [93](#), [123](#), [124](#)  
Corritore, C., [50](#), [52](#)  
Crapon de Caprona, M., [109](#)  
Crawford, S. E. S., [40](#), [47](#), [98](#)

Cullen, D., [57](#), [80](#), [106](#), [112](#),  
[117](#), [122](#)  
Currier, S., [88](#)

**D**allon, C., [55](#)  
Danielson, M. A., [40](#), [45](#),  
[51](#), [98](#)  
Dash, A., [45](#), [89](#), [90](#), [92](#), [94-96](#),  
[101](#), [122-126](#)  
Davies, J., [40](#)  
Davies, K. M., [68](#), [72](#), [78](#), [86](#), [88](#)  
Davis, E. M., [92](#)  
Del Core, M., [70](#), [106](#), [115](#), [124](#)  
Deng, H. W., [42](#), [60](#), [62](#), [64](#), [68](#),  
[69](#), [71](#), [72](#), [75](#), [81](#), [86](#),  
[87](#), [106](#), [117](#)  
DeSimone, E. M. II, [60](#), [89](#)  
Desmangles, J., [107](#)  
Destache, C. J., [89](#), [123](#), [124](#)  
Dey, B., [107](#)  
Di Lorenzo, S. C., [53](#)  
Dickel, C. T., [41](#), [98](#)  
Dilly, B. J., [34](#), [41](#)  
Dobberphul, D., [45](#), [94](#)  
Doll, D., [2](#), [15](#)  
Dornsife, R., [48](#)  
Douglas, A., [99](#)  
Dowd, F. J., [58](#), [61](#), [62](#), [107](#),  
[116](#)  
Dowell, S., [111](#)  
Drescher, K., [19](#), [107](#)  
Duda, G., [99](#)  
Dunlay, R., [63](#), [90](#)  
Durow, W. P., [41](#)  
Dworzack, D., [18](#), [107](#)

**E**ckerson, J. M., [41](#), [62](#), [99](#)  
Edwards, P. C., [53](#)  
Enarson, C., [107](#)  
Erickson, R. L., [52](#)  
Esterbrooks, D., [58](#), [89](#), [114](#),  
[115](#), [124](#)

Fajardo-Acosta, F., [41](#)  
Faulkner, M. A., [63](#), [90-92](#),  
[123-125](#)  
Fernandes, P., [32](#), [63](#), [78](#), [80](#),  
[119](#)  
Fitzgerald, R., [15](#)  
Fitzgibbons Jr., R. J., [62](#), [63](#), [69](#),  
[73-75](#), [81](#), [107](#), [108](#),  
[116](#)  
Fleming, A., [108](#)  
Fleming, J., [41](#)  
Flinn, R., [50](#)  
Fong, N., [42](#), [64](#)  
Foral, P. A., [90](#), [97](#)  
Freitag, M. A., [41](#)  
Frey, D., [63](#), [64](#), [108](#), [109](#), [123](#)  
Fritsch, B., [7](#), [11](#), [46](#), [64](#), [65](#),  
[68](#), [71](#), [75](#), [79](#), [83](#), [84](#),  
[108](#), [109](#)  
Frock, J., [63](#), [90](#)  
Furlong, B., [87](#), [93](#)

Gabriel, L., [93](#)  
Gallagher, J., [20](#), [78](#), [109](#),  
[116](#)  
Galt, K. A., [75](#), [87](#), [88](#), [90](#), [93](#),  
[94](#), [109](#), [123](#)  
Gao, X., [86](#)  
Gardiner, D., [41](#), [99](#)  
Garis, R. I., [64](#), [90](#), [91](#), [97](#), [123](#)  
Gatalica, Z., [64](#), [65](#), [72](#), [75](#), [77](#),  
[84](#)  
Gentry-Nielsen, M. J., [18](#), [64](#),  
[84-86](#), [109](#), [116](#)  
Giger, D., [18](#)  
Gleason, J., [42](#), [50](#)  
Goering, R., [109](#), [110](#)  
Goodman, M. D., [64](#), [65](#)  
Gorby, G., [18](#), [107](#)  
Goss, E., [50](#)  
Govindarajan, V., [12](#), [79](#), [110](#)  
Graves, R., [100](#)  
Greenspoon, L., [99](#)  
Griffiths, Y., [91](#), [93](#), [123](#)  
Gronstal, S., [35](#), [36](#)  
Guck, T., [112](#)

Haddad, A., [91](#)  
Hallworth, R., [6-9](#), [11](#), [68](#),  
[69](#), [76](#), [85](#), [110](#)  
Hamilton, W. R., [92](#)  
Hamm, D., [15](#), [42](#)  
Hansen, L. A., [5](#), [66](#), [73](#), [81](#), [85](#),  
[110](#)  
Hanson, N. D., [18](#), [66](#), [68](#), [71](#),  
[75](#), [77](#), [110](#), [121](#), [126](#)  
Happe, K., [32](#)  
Harmless, J. W., [15](#), [42](#)  
Harper, C., [34](#)  
Harris, B., [36](#)  
Hauser, R. J., [16](#), [42](#)  
Haynatzki, G., [42](#), [57](#), [64](#), [85](#),  
[112](#), [117](#), [122](#)  
He, D. Z. Z., [8](#), [66](#), [103](#), [110](#)  
Heaney, R. P., [58](#), [60](#), [63](#),  
[65-68](#), [74](#), [78](#), [87](#), [88](#),  
[111](#), [117](#), [122](#)  
Hee, T., [111](#), [113](#)  
Hilleman, D., [90](#), [91](#), [114](#), [115](#),  
[124](#)  
Hinman, C. E., [124](#)  
Hoie, E. B., [92](#), [94](#)  
Holmberg, J., [112](#), [115](#)  
Hopp, R., [105](#)  
Houghton, B., [65](#), [74](#), [75](#), [87](#),  
[88](#), [94](#), [109](#), [123](#)  
Houtz, L. E., [42](#), [45](#), [68](#), [92](#)  
Howard, J., [53](#)  
Huebner, G. R., [53](#)  
Huerter, C., [112](#)  
Hulce, M., [10](#), [46](#), [79](#)  
Hunter, C., [112](#), [115](#)  
Hunter, W. J., [61](#), [70](#), [86](#)  
Hurley, J., [112](#)  
Huss, M. T., [43](#), [44](#)

Ishii-Jordan, S., [41](#), [98](#), [99](#)  
Ismail, A., [85](#)

Jabro, M. H., [53](#)  
Jeffries, W., [65](#), [112](#)  
Jensen, G. M., [14](#), [90-92](#), [94](#),  
[96](#), [97](#), [123](#)  
Jergenson, M., [53](#)  
Jia, S. P., [66](#)  
Johnson, M. L., [57](#), [69](#), [71](#)  
Jones, J., [112](#)  
Jones, R. M., [124](#)  
Jorgensen, R., [50](#)  
Jurgensmeier, C., [16](#)

Kavan, M., [112](#)  
Keegan, B., [43](#)  
Kelly, M., [55](#), [56](#)  
Kelly, T. M., [43](#), [44](#)  
Kenik, J., [112](#)  
Kestermeier, C., [16](#)  
Khan, O. Y., [69](#)  
Kielniarz, M., [44](#)  
Kimmes, N. S., [54](#)  
Kincaid, A., [81](#), [92](#), [96](#), [103](#), [123](#)  
Kirby, E. L., [42](#), [45](#)  
Kissell, J. L., [14](#), [64](#), [69](#), [91](#)  
Knezetic, J., [8](#), [60](#), [64](#), [78](#), [113](#),  
[116](#)  
Knoop, F. C., [57](#), [60](#), [69](#), [70](#), [82](#),  
[84](#)  
Knowles, K., [53](#)  
Kosoko-Lasaki, O., [42](#), [65](#), [68](#),  
[92](#), [112](#)  
Kracher, B., [49](#), [50](#), [52](#)  
Krueger, K. D., [70](#)  
Kunes-Connell, M., [122](#)

LaCroix, M. J., [37](#), [58](#)  
Lambert, G., [99](#), [112](#)  
Lanspa, S. J., [60](#), [89](#), [112](#)  
Lanspa, T. J., [70](#)  
Lappe, J., [68](#), [78](#), [87](#), [88](#), [111](#),  
[112](#), [122](#)  
Latta, M. A., [52-54](#), [101](#)  
Lawler, M. G., [44](#), [48](#), [99](#)  
Lenz, T. L., [92](#), [93](#), [123-125](#)  
Li, H., [111](#), [113](#)

Linder-Stephenson, L., [64](#)  
Lister, P. D., [18](#), [83](#), [113](#)  
Loggie, B., [11](#), [12](#), [63-65](#), [74](#),  
[81](#), [82](#), [87](#), [113](#)  
Lohman, H., [89](#), [91](#), [93](#), [96](#), [123](#)  
Lovas, S., [10](#), [57](#), [58](#), [113](#)  
Lubbers, L., [16](#)  
Lund, R., [21](#), [111](#)  
Lust, E., [93](#)  
Lynch, H. T., [57](#), [58](#), [63-65](#), [68](#),  
[71-74](#), [78](#), [80](#), [83-85](#),  
[113](#), [114](#), [120](#)  
Lynch, J. F., [72](#), [73](#), [85](#)

**M**aciejewski, J. J., [44](#)  
Mack, R. L., [11](#), [56](#)  
Mackin, R., [61](#), [114](#)  
Madison, J., [73](#), [74](#)  
Mahern, C., [101](#)  
Mailliard, J. A., [60](#), [68](#), [76](#), [81](#),  
[114](#)  
Maio, A., [74](#)  
Makoid, M. C., [91](#)  
Malesker, M., [90](#), [124](#)  
Malin, P., [73](#)  
Malina, B. J., [44](#), [45](#)  
Malone, P. M., [94](#), [124](#)  
Mangrum, R. C., [56](#)  
Marble, R. P., [51](#)  
Marcil, W., [61](#), [63](#), [73-76](#), [78](#),  
[85](#), [114](#), [122](#)  
Markert, R. J., [65](#), [74](#), [75](#), [87](#), [88](#),  
[94](#), [109](#), [112](#), [123](#)  
Mathews, P., [45](#)  
Mattson, B., [45](#)  
Mattson, J. S., [53](#), [54](#)  
McBride, M. C., [37](#)  
McConnell, S. A., [91](#), [94](#)  
McNary, G. W., [51](#)  
McQuillan, R., [114](#)  
McShane, T. S., [16](#), [35](#), [36](#), [98](#)  
McVaney, T. P., [53](#)  
Meyer, R., [114](#)  
Mohiuddin, S., [20](#), [21](#), [106](#), [111](#),  
[112](#), [114](#), [115](#), [124](#)  
Moland, E., [121](#)

Monaghan, M. S., [75](#), [87](#), [88](#),  
[91](#), [94](#), [124](#)  
Montag, J., [16](#)  
Moore, K. G., [89](#)  
Moorman, R. H., [45](#), [51](#), [52](#)  
Mooss, A., [106](#), [112](#), [114](#), [115](#),  
[124](#)  
Mordeson, J. N., [36](#), [42](#), [45](#), [64](#)  
Morley, B., [115](#)  
Morrow, L., [20](#), [115](#)  
Morse, E. A., [56](#)  
Mu, K., [42](#), [68](#), [90](#), [92-94](#), [96](#),  
[124](#)  
Murphy, R., [10](#), [57](#), [58](#), [115](#)  
Murthy, N. R. V., [51](#)

**N**airn, R., [112](#)  
Nath, R., [51](#)  
Naughton, W., [101](#)  
Nawaz, Z., [12](#), [69](#), [72](#), [75](#), [85](#),  
[86](#), [110](#), [115](#), [116](#)  
Nichols, D., [109](#)  
Nichols, M., [110](#)  
Nipper, H., [112](#)  
Nitsch, T. O., [51](#)  
Norris, J., [122](#)  
Norton, N. S., [53](#), [54](#), [75](#), [79](#)  
Nystrom, K. K., [90](#), [97](#)

**O**'Brien, R. L., [58](#), [75](#), [76](#)  
O'Connor, R., [16](#), [49](#)  
Ogunbadeniya, A., [96](#),  
[124](#)  
Ohri, L., [76](#), [95](#)  
Olson, L., [99](#)  
Omojoa, M., [103](#)  
Opere, C. A., [92](#), [95](#), [124](#)

**P**adilla, R., [89](#), [91](#), [124](#)  
Parrish, L. C., [54](#)  
Parsons, M., [88](#)  
Patrick, E., [112](#)  
Pearson, E., [56](#)  
Pedersen, W., [60](#), [76](#), [116](#)

Petty, F., [32](#), [60](#), [61](#), [63](#), [73-76](#),  
[78](#), [80](#), [85](#), [114](#), [116](#),  
[119](#), [122](#)  
Petzel, D. H., [5](#), [76](#), [116](#)  
Pinch, W. J. E., [88](#)  
Platz, J. E., [45](#), [46](#)  
Ponec, D., [99](#)  
Prasad, M., [86](#)  
Preheim, L. C., [18](#), [64](#), [107](#), [116](#)  
Prendes, J., [103](#)  
Purcell, T., [51](#)  
Purtilo, R. B., [14](#), [69](#), [75-77](#), [83](#),  
[85](#), [88](#), [91](#), [96](#), [116](#)

**Q**uinn, T. H., [54](#), [63](#), [75](#),  
[77-79](#), [81](#)

**R**amage, J., [99](#), [100](#)  
Ramaswamy, S., [114](#)  
Rapuri, P., [116](#)  
Raval, V., [100](#)  
Recker, R. R., [20](#), [42](#), [57](#), [59](#), [62](#),  
[64](#), [68](#), [71](#), [72](#), [74](#), [76](#),  
[78-81](#), [86-88](#), [106](#), [111](#),  
[112](#), [116](#), [117](#), [122](#)  
Reed, D., [99](#)  
Reedy, M. V., [47](#), [84](#), [104](#)  
Reidelberger, R. D., [10](#), [46](#), [59](#),  
[79](#), [117](#)  
Rendell, M., [20](#), [117](#), [118](#)  
Reyes, A., [70](#), [112](#), [114](#), [115](#)  
Reyes, P., [103](#), [118](#)  
Rich, E. C., [57](#), [58](#), [65](#), [74](#), [75](#),  
[79](#), [87-89](#), [94](#), [109](#),  
[112](#), [123](#)  
Riley, L., [34](#), [42](#), [50](#), [99](#)  
Risch, G., [99](#)  
Roche, V. F., [96](#), [124](#)  
Roddy, N., [15](#), [46](#)  
Romero, F., [71](#)  
Romero, J. R., [106](#), [119](#)  
Romito, L. M., [53](#), [54](#)  
Rovang, K., [111](#), [113](#)  
Ryan-Haddad, A., [92](#), [96](#), [123](#),  
[125](#)

Saini, T., [54](#), [101](#), [125](#)  
Sakowski, H., [58](#), [65](#), [74](#), [89](#)  
Salzman, T. A., [46](#)  
Sattar, S., [32](#), [78](#), [80](#), [116](#), [119](#)  
Schalles, J., [99](#), [100](#)  
Scheirton, L., [93](#), [96](#)  
Schuessler, S., [34](#)  
Scofield, M. A., [81](#), [116](#)  
Seger, J., [35](#), [36](#), [98](#), [126](#)  
Shaddy, R. S., [54](#)  
Shara, M., [81](#), [96](#), [125](#)  
Sharma, A., [74](#), [107](#)  
Shen, X., [114](#)  
Shuler, S., [46](#), [47](#)  
Sidebottom, D. L., [45](#)  
Silberstein, P., [119](#), [120](#)  
Silva, E., [12](#), [120](#)  
Simkins, R., [100](#)  
Singh, S., [97](#)  
Siracuse, M., [91](#), [97](#), [123](#)  
Skrabal, M., [97](#), [125](#)  
Smith, D. D., [10](#), [79](#), [117](#)  
Smith, J., [100](#)  
Snyder, C., [120](#)  
Sokol, M. S., [32](#), [70](#), [82](#), [120](#)  
Sonnino, R. E., [59](#), [82](#), [84](#), [85](#),  
[120](#)  
Soukup, G. A., [9](#), [47](#), [82](#), [110](#),  
[120](#)  
Soukup, J. K., [47](#), [82](#)  
Soundararajan, K., [61](#), [102](#)  
Southerland, W., [98](#)  
Spencer, B., [47](#), [100](#)  
Stading, J., [97](#), [125](#)  
Stafford, B. A., [47](#)

Stanek, K., [103](#)  
Stefaniak, M. H., [47](#)  
Stephens, W. O., [47](#)  
Stokes, J., [104](#), [105](#)  
Stone, N., [100](#)  
Sullivan, P., [32](#), [82](#), [120](#)  
Super, R., [100](#)  
Svolos, T. M., [33](#), [83](#)  
Swanson, P. C., [19](#), [78](#), [83](#), [120](#),  
[121](#)

Tan, J., [50-52](#)  
Taylor, M. H., [50](#), [52](#), [100](#)  
ten Have, H. A. M. J., [77](#)  
Thomson, K. S., [18](#), [58](#), [75](#), [83](#),  
[84](#), [121](#), [126](#)  
Townley, R., [59](#), [71](#), [104](#), [105](#),  
[121](#)  
Treonis, A. M., [40](#), [45](#), [48](#), [100](#)  
Tu, Y., [76](#), [84](#), [121](#)  
Turner, P. D., [75](#), [87](#), [88](#), [94](#)

Varman, M., [106](#)  
Vasiloff, B. C., [48](#)  
Vinton, M. A., [99](#), [100](#)  
Volkmer, R. R., [56](#)  
Vuchetich, P. J., [93](#), [97](#), [125](#)

Waggoner, W., [35](#), [36](#)  
Walkinshaw, S., [53](#)  
Wang, Z. Y., [12](#), [87](#),  
[121](#)

Watson, P., [84](#), [85](#), [113](#), [114](#),  
[121](#)  
Weber, L., [15](#)  
Welie, J. V. M., [14](#), [54](#), [85](#), [101](#)  
Wells, D., [51](#), [52](#)  
Westerman, G., [53](#), [54](#)  
Whipple, R., [48](#)  
White, L. E., [96](#)  
Wilken, M., [88](#)  
Williams, M., [70](#), [86](#), [114](#), [115](#),  
[124](#)  
Wilson, A. F., [89](#), [90](#), [93](#), [97](#)  
Wilson, D., [32](#), [57](#), [69](#), [73-78](#),  
[86](#), [114](#), [121](#), [122](#)  
Wilwerding, T., [101](#)  
Wingender, J., [50](#), [51](#)  
Wirth, E., [48](#)  
Wiseman, C. M., [56](#)  
Workman Jr., J. P., [50](#)  
Wright, W. M., [48](#), [49](#)

Yaghmour, A., [122](#)  
Yasmin, T., [59](#), [81](#), [89](#), [96](#),  
[97](#)  
Yee, J., [9](#), [69](#), [70](#), [76](#), [117](#)  
Yohannes, P., [86](#)  
Young, W., [109](#), [123](#)

Zardetto-Smith, A., [81](#), [96](#)  
Zuercher, J., [17](#)



Creighton  
UNIVERSITY