

Creighton University
Faculty Bibliography



2005-2006

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Introduction

There is indeed a symbiotic relationship between quality teaching and research. Faculty must be active scholars, contributing to the advancement of their disciplines and to our common fund of knowledge. Creighton has been and must continue to be a place that fosters research, scholarly publication, and the pursuit of truth in all of its expressions. Like quality teaching, trend-setting research must be acknowledged and rewarded.

President, Fr. John Schlegel, S.J.
Inaugural address, September 15, 2000.

The Faculty Bibliography is produced annually by Creighton University's Graduate School. The bibliography, now in its fifteen year, documents the scholarly accomplishments of the University community for the 2005-2006 academic year. The bibliography includes reports from various units on campus (departments, centers, or offices) that highlight the broad range of research and scholarly activity across the campus. These reports are followed by a listing of the scholarly accomplishments of Creighton faculty, including peer-reviewed articles, book chapters, and books; funded grants; and student dissertations and theses. The bibliography does not include papers in press or abstracts of professional presentations at local, regional, national or international meetings.

The contributions in this bibliography demonstrate the diversity and broad application of scholarship across the Creighton campus from the traditional scholarship of discovery to scholarly work of application, integration, engagement, and teaching and learning. There is strong evidence that Creighton faculty are committed teacher-scholars and true stewards of their disciplines.

As described in the working paper, "Cardoner at Creighton: The Vocation of Scholarship at Creighton" (2005), the life of scholarship is a life of service.

To pursue the truth wherever it leads requires obedience, humility, and the willingness to sacrifice one's personal interests. This life is not lived in isolation, but in community. Scholarship serves the human community by contributing to others' physical, affective and spiritual welfare. Scholarship serves the intellectual community by enhancing or enabling further understanding of enactment of the truth. Scholarship thus serves the entire university community, which flourishes through discovering and enacting the truth, processes that include initiating students into the life of scholarship.

This year, with the help of Richard Jizba and his reference staff at the Health Sciences Library, we experimented with various data mining techniques and the reference database software, *RefWorks*, to gather and produce a more complete listing of all faculty publications. A very special thanks to Lauren Petit, who has been the "copy and production editor" for this bibliography for the last ten years. Her skill, creativity and incredible patience are essential elements in the successful completion of this project.

Gail M. Jensen, Ph.D.
Associate Vice President for Faculty Development
and Graduate School Dean

A Sampling of Creighton University's Research Endeavors

Center for 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 for Health Policy and Ethics responds to the challenge of ethical issues raised by the health care system, increasingly complex patient care, and public health problems. The multidisciplinary nature of the Center for Health Policy and Ethics 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 range from individual ethical concerns such as clinical decisions involving patients and families to societal ethical and policy concerns such as health disparities and reform of health delivery models on a local and international basis.

Areas of sustained research are:

- ❖ Ethical issues at the end of life, palliative care, and chronicity;
- ❖ Issues of justice especially those dealing with health disparities and those marginalized in the health care system; and
- ❖ Disciplinary focus on teaching professional ethics and clinical ethical issues.

Key examples of the outcomes of multidisciplinary seminars and conferences in health policy and ethics are the following edited books produced by the Center faculty.

- ❖ The multi-authored book, *Educating for Moral Action: A Sourcebook in Health and Rehabilitation Ethics* (editors: Ruth Purtilo, PhD; Gail Jensen, PhD; and Charlotte Royeen, PhD) was published by F. A. Davis in 2005, with Amy Haddad, PhD, Director of the Center, and Linda Franck, PhD, Center Faculty Affiliate, as contributors and received the 2006 Alpha Sigma Nu Book Award.
- ❖ Following an international conference on dental ethics held at Creighton University in 2003 and an NIDCR-sponsored grant on oral health disparities (2002-2005), Jos Welie, PhD, Center faculty, edited a book entitled *Justice in Oral Health Care: Ethical and Educational Perspectives*, which was published in 2006 by Marquette University Press.
- ❖ In 2005, Amy Haddad, PhD, Director of the Center, and Gail Jensen, PhD, Center Faculty Associate, co-edited a special issue of the *Journal of Physical Therapy Education* entitled "Scholarship of Teaching and Learning in Physical Therapy," which included contributions from physical therapy educators and Carnegie scholars from across the United States.

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 and direct attention to issues and concerns that align with the Center's mission 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>.

College of Arts and Sciences

Department of Chemistry

The Chemistry Department at Creighton University has a broad range of research projects, all of which involve undergraduate students. Please see the descriptions below of individual faculty member's research interests.

Dr. Bruce Mattson is currently interested in developing and establishing safe and convenient methods for generating and manipulating small samples of gases for classroom demonstrations, laboratory experiments, and study. Along with undergraduate students performing the research, Dr. Mattson has developed classroom demonstrations and laboratory activities suitable for use at a variety of levels ranging from the middle school- and high school-levels through university-level freshmen chemistry students and chemistry majors taking descriptive inorganic chemistry. The results of this work have been published in a series of articles in *Chem 13 News*, the *Journal of Chemical Education* and in two books. All together, more than 150 experiments have been devised for a variety of gases including CO_2 , H_2 , O_2 , N_2 , NH_3 , NO_x , C_2H_2 , H_2S , SO_2 , Cl_2 , HCl , CO , C_2H_4 , CH_4 , and N_2O .

Dr. Julie Soukup's laboratory has an interest in nucleic acid structure and function. The lab is investigating both natural and *in vitro* selected RNA and DNA molecules. Utilizing Nucleotide Analog Interference Mapping (NAIM) and Nucleotide Analog Interference Suppression (NAIS), Dr. Soukup is investigating the important functional groups within ribozymes, deoxyribozymes, and riboswitches that are needed for the activity of these molecules. Her recent work on riboswitches is a new direction for the lab. The recently discovered RNA elements termed riboswitches control the metabolic state of microorganisms (such as *Bacillus anthrax*, a pertinent bioterror threat) by directly binding metabolites and regulating gene expression of essential metabolic pathways. A novel catalytic riboswitch has been identified, and it undergoes self-cleavage in the presence of the metabolite glucosamine-6-phosphate. The Soukup laboratory has elucidated some of the mechanistic details of metabolite binding and self-cleavage of the RNA. In addition, they have designed a technique to study interactions between the catalytic riboswitch and its metabolite in the hopes of being able to design non-natural metabolites as potential antibiotics. Studies on a number of riboswitches are ongoing in her laboratory.

Dr. Mark Freitag's research focuses on theoretical and applied quantum chemistry. Theoretical quantum chemistry is the development of new methods of quantum chemical evaluation. In this area, Dr. Freitag has developed a method to quickly calculate the nuclear magnetic resonance (NMR) chemical shifts of nuclei in the presence of a discrete solvent potential. Basically, he is trying to predict chemical shifts in solution. He models the interactions of the solvent using the Effective Fragment Potential method. These theoretical methods have recently been incorporated into the quantum chemistry package GAMESS.

Dr. James Fletcher's research is based on the design, synthesis, and analysis of interesting organic and organometallic molecules. This work often draws upon a wide range of the traditional areas of chemistry, including organic and organometallic syntheses, physical organic analysis, bioorganic chemistry, and combinatorial chemistry. Currently, active projects include the design, synthesis, and analysis of organic compounds that display permanent and prescribed three-dimensional shapes, the creation of new organometallic ligands using common bioorganic chemical reactions and transition metal complexes, and the development of new peptide-containing aromatic molecules capable of serving as fluorescent chemosensors.

Dr. Erin Gross's research interests involve the combination of electrochemical and spectroscopic analytical techniques to study chemiluminescent reactions. Ultimately, Dr. Gross would like to perform chemical analysis on a microchip. This would involve the separation, identification, and quantitation of an analyte mixture via capillary electrophoresis with chemiluminescent detection on a microchip. The first analytes Dr. Gross is studying are a class of antibiotics called fluoroquinolones which are used to treat infections in both humans and animals.

Dr. Stephen Gross's research focuses on three different areas of polymer chemistry:

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- ❖ The development of ionic liquid-containing composites for use in advanced energy conversion applications (e.g., lithium polymer batteries, solar cells);
 - ❖ In collaboration with Dr. Mark A. Latta and Dr. R. Scott Shaddy at the Creighton School of Dentistry, the adhesion of resin modified glass ionomer cements to dentin and also the development of new composites with dental applications; and
 - ❖ In collaboration with Dr. Somnath Singh in the School of Pharmacy and Health Professions, the synthesis of polymers that can be used for subcutaneous drug delivery.

Dr. Marty Hulce's laboratory specializes in synthetic organic chemistry, investigating new methods to prepare carbon-carbon bonds, and the creation of novel structural motifs. Exploiting the power techniques of modern metalloorganic chemistry, students in his laboratory currently are exploring:

- ❖ The synthesis and reactions of mixed hybridization state, conjugated systems with unique topologies that interfere with tumor cell growth;
- ❖ The synthesis of modified amino acids used to build bioactive peptides that can augment bioactivity relative to the unmodified peptide;
- ❖ Peptidomimetic synthesis, especially as it applies to cholecystokinin and neuropeptide Y2 receptor antagonists;
- ❖ Greener approaches to amide bond synthesis;
- ❖ Beneficial chemical modifications of the outermost layer of the skin; and
- ❖ Direct observation of singlet oxygen by nuclear magnetic resonance.

Department of Philosophy

J. J. Abrams has edited a volume on *The Philosophy of Stanley Kubrick*, published by University of Kentucky Press (2006). He also has contributed chapters to several other volumes (some forthcoming) on philosophy and film; these focus respectively on the Noir and Neo-Noir genres, Science Fiction, and the work of Martin Scorsese. In addition, he continues to work on topics in biotechnology, ethics, and semiotics.

Michael Brown continues to write pieces on philosophy in the literature of the American West. His current principal focus is "Awash in Maclean's River," an essay that is to anchor his projected volume, a *Companion to Maclean's "A River Runs Through It."*

Jack Carlson has completed revisions for his textbook, *Understanding Our Being: An Introduction to Speculative Philosophy*, to be published by The Catholic University of America Press. In preparation is a companion volume, *Achieving the Good: An Introduction to Moral Philosophy and Ethics*. His *Words of Wisdom: A Philosophical Dictionary* currently is under review. Also in preparation is an anthology of the writings of Yves R. Simon, co-edited with Anthony Simon.

Elizabeth Cooke's research focuses on the philosophy of science and on American Pragmatism. During 2006, she participated in American Philosophical Association panel discussions on William James and John Dewey; she also published her book, *Peirce's Pragmatic Theory of Inquiry: Fallibilism and Indeterminacy*, with Continuum Press (Bristol, England).

Randy Feezell pursues interests in moral philosophy, the philosophy of religion, and the philosophy of sport. An article on "Religious Ambiguity and Wagering on God" currently is under review. He serves as an editor and reviewer for the *Journal of the Philosophy of Sport*. His book *Sport, Play, and Ethical Reflection* (University of Illinois Press, 2004) last year was recognized as an Outstanding Academic Title by *Choice* magazine.

Pat Fleming continues to contribute to the discussion of philosophical, ethical, and public policy issues related to the environment. In addition to serving on national and international boards on nuclear waste and radiation exposure, in 2006 she published "Can Nature (Legitimately) Be Our Guide?" in a volume on *Religion and the New Ecology* (University of Notre Dame Press), as well as articles in the *Bulletin of Science, Technology, and Society* and the *Proceedings of the Values Decisions on Risk Conference* (Stockholm, Sweden).

Kevin Graham has presented numerous papers on the philosophy of race, most recently "Beyond the Pale: Irish-Americans on the Margins of Whiteness, 1840-1960" at the Twenty-Third International Social Philosophy Conference in Victoria, Canada. He is at work on a book incorporating several of his papers, as well as new material, to be titled *Thinking Race, Conceiving Justice*.

Jeff Hause serves as co-editor of the Hackett Publishing Company series of translations and commentaries (one of which he himself is preparing) on the philosophical works of Thomas Aquinas. His current research focuses on moral psychology, with three articles on Aquinas's accounts of moral virtue and voluntariness forthcoming. Additionally, he contributes encyclopedia articles on Medieval figures, most recently one on Duns Scotus for the *Internet Encyclopedia of Philosophy*.

Andy Jaspers, SJ, gave a paper on the philosophy of nature at the 2006 American Maritain Association meeting. In addition, he developed several of the diagrams that will appear in Jack Carlson's book, noted above. Currently, he is pursuing the relationship between Jacques Maritain's account of degrees of abstraction and Einstein's special theory of relativity.

Judith Kissell pursues issues in biomedical and research ethics. She serves on the editorial boards of *Theoretical Medicine and Bioethics* and the *Journal of Medicine and Humanities*. With colleagues from the Center for Health Policy and Ethics, she published an essay, "Promoting Cultural Proficiency in Researchers to Enhance Recruitment and Participation of Minority Populations in Research," in *Evaluation and Program Planning* (May, 2006).

Patrick Murray continues his participation in the International Symposium on Marxian Theory. Papers recently presented to this and other scholarly societies are being prepared for publication as *The Mismeasure of Wealth: Essays on Marx and Social Form*. In addition, with Jeanne Schuler he has co-authored a chapter on "Stanley Kubrick on the Banality of the Good" for J. J. Abrams's volume devoted to the work of Kubrick (see information above), and an article on "Marx, Subjectivism, and Modern Moral Philosophy" forthcoming in *The Modern Schoolman*.

Jeanne Schuler, in addition to the collaborative efforts just noted, is preparing for her 2007-2008 sabbatical year, during which she will finish work on a book manuscript (also a joint effort with Patrick Murray) titled *False Moves: Basic Problems with Philosophy*.

Gene Selk continues to pursue dual interests in science and religion and in aesthetics. A frequent book reviewer, he also since 2001 has presented papers at the annual meetings of the National Conference on Liberal Arts and the Education of Artists in New York City, most recently (2006) on "Modernism and the End of Art." These papers he is preparing to gather together for publication in a volume on aesthetics.

Bill Stephens's work focuses on Stoicism and its applicability to contemporary issues. His papers, "Can a Stoic Love?" and "If Friendship Hurts, an Epicurean Deserts," have been selected for inclusion in the forthcoming *Sex, Love, and Friendship: Studies of the Society for the Philosophy of Sex and Love 1993-2003* (Amsterdam: Rodopi). His own anthology of readings, *The Person: Readings in Human Nature* (Prentice-Hall, 2006), will be followed next year by a single-author work titled *Stoic Ethics: Epictetus and Happiness as Freedom* (Continuum Press).

Amy Wendling pursues topics in social philosophy, including gender issues, as well as in Marx studies. Her "The Dignity of Labor?: A Marxist Challenge to Traditional Marxism" appeared in *International Studies in Philosophy* (October, 2006). Recent conference presentations on "Rough, Foul-Mouthed Boys" (a study of male perceptions of female bodies in the work environment) and "The Speed of Production: Charles Babbage's Influence on Karl Marx" presently are being prepared for publication.

Dick White has completed the manuscript for his third single-author book, *Radical Virtues*; it currently is under review. Revised versions of two prior essays, "Friendship and Commitment" and "The Future of Romantic Love," will be anthologized in a forthcoming volume of best papers presented at The Society for the Philosophy of Sex and Love (see information under Stephens above).

Jinmei Yuan continues to publish in both philosophy (especially comparative logic) and original fiction and essays. In addition to recent articles on the structure of Chinese logic, she is preparing a manuscript on Ludwig Wittgenstein's philosophy of logic for Tongxin Press in Beijing. Her essay "Unforgotten Stories About Yangzi River" was selected for inclusion in two recent anthologies, and two of her short stories ("Spring" and "Pieces of Soul") have appeared in a *Collection of Overseas Female Writers*, published by Taibai Literature Press in Sichuan, China.

Department of Sociology and Anthropology

James Ault is researching the relative effectiveness of electronic personal response systems (PRS) in the process of engaging all of the students in a course actively and critically, encouraging collaborative work, communicating high expectations, providing prompt feedback, and increasing time on task compared to traditional paper and pencil tools in achieving those goals. He is also in the sixth year of a project to evaluate the relative reliability of surveys of student opinion about faculty effectiveness in classroom settings.

Roger Bergman is researching and writing a book to be titled *Catholic Social Learning: How to Educate the Faith that Does Justice*, based on his experience as a reflective practitioner of justice education in various faith-related settings, his awareness of the need for reflection on Catholic social pedagogy, and his own work as the founding director of the Justice and Peace Studies Program at Creighton University and his commitment to justice in Jesuit higher education.

Raymond Bucko, SJ, continues to research the ethnographic collection at the Buechel Memorial Lakota Museum in St. Francis, South Dakota. In addition, he is researching new museum displays for the Encounter Center in Sioux City, Iowa. He is also doing preparatory research for two journal articles with his *hunka* (sister by adoption), Candy Iron Cloud, on Lakota health issues for the *Southern Medical Journal*. He is finishing editing a paper on Lakota games for *Montana Magazine*.

Jerry Clark continues to conduct research for the Montgomery County Historical Society. He is currently conducting background research for an exhibit on the history of the Murphy Calendar Company of Red Oak, Iowa, including constructing fifty-eight feet of exhibits, creating a display of original machinery and work done by the company, writing a script and selecting photography for an eleven minute video about the company, and conducting several interviews of past company employees and executives. Previously, he updated an exhibit on the history of the Vermeer Manufacturing Company in Pella, Iowa.

Barbara Dilly is focusing her research on *The Social and Cultural Transformations of "The Farmer's Daughter."* Her manuscript examines popular culture images of this American agricultural icon to understand the relationships between farmers and their daughters and between farmers' daughters and the American public in the popular imagination. She is also revising an ethnological study on role of religion in sustaining three German-American farming communities in Northeast Iowa. It examines the relationship between theology and spatial organization in defining different economic adaptations to the changing agricultural economy.

Charles Harper is revising a textbook now entering its fourth edition: *Environment and Society: Human Issues on Environmental Issues*. In addition, he is doing research about the social and cultural dimensions of globalization, as part of preparing the department's senior capstone seminar. In the coming months, he will begin revising another publication, *Food, Society and Environment*.

Rebecca Murray is working with the Juvenile Justice Institute to research and develop a recidivism reduction center for the Omaha metropolitan area, preparing research on the Nebraska's sex offender risk assessment instrument, and specific risk for sex offender recidivism for rural and urban

populations. She is currently researching the effects of schools on neighborhood crime, as well. She is also engaged in a project with student Kristin Czerminger which studies the environmental and social effects of structural/property problems such as abandoned or dilapidated residences or buildings within Omaha.

Lisa Riley is currently involved in several evaluation and research projects. As part of the Center for Marriage and Family, she is completing the evaluation of the Nebraska Healthy Marriage Initiative (NHMI) and the Helping Every Adult Reveal the Truth about Sexuality (HEARTS/Corazones) and the Love, Sex, & Media/Amor, Sexo y Comunicacion Program. She is evaluating the Healthy Alternatives for Little Ones (HALO), which helps children aged three to six to understand the complexities of "health" and "healthy choices." Finally, she is researching issues concerned with organic foods.

The Jesuit Community

The Jesuit Community at Creighton University consists of forty-six priests, four brothers, and one scholastic. Sixteen members of the Community teach, and six hold administrative positions within the University. Seven Jesuits serve as chaplains – four to the Creighton's professionals schools and three to Creighton University Medical Center-St. Joseph Hospital. Still other members live and work in parishes in the Omaha metro area, as well as in nearby rural communities.

At the heart of the Jesuit Order is education. Among Creighton's Jesuits, the tradition of scholarship is rich, the scope of their interests broad and varied.

Raymond Bucko, SJ, continues to research the ethnographic collection at the Buechel Memorial Lakota Museum in St. Francis, South Dakota. In addition, he is researching new museum displays for the Encounter Center in Sioux City, Iowa. He is also doing preparatory research for two journal articles with his *hunka* (sister by adoption), Candy Iron Cloud, on Lakota health issues for the *Southern Medical Journal*. He is finishing editing a paper on Lakota games for *Montana Magazine*.

Gregory Carlson, SJ, continues to do research for the expansion of the Carlson Fable Collection in the Reinert-Alumni Memorial Library.

Don Doll, SJ, is busy reviewing his own photographs, carefully cataloging a lifetime of work. He is also researching photographic stories in Columbia and Ecuador in collaboration with Brad Reynolds, SJ.

Dennis Hamm, SJ, is studying the use of the Greek Bible in early Christian writings, particularly in the Gospel of Luke. He continues to probe the interface between faith and politics in the Roman Catholic tradition, especially in current discourse about the common good.

William Harmless, SJ, is finishing a new 200-page book, *Mystics: An Introduction*, for Oxford University Press. It is the culmination of four years of research and writing. He has also been involved in editing the English version of Hubertus Drobner's *The Fathers of the Church: A Comprehensive Introduction*, a major 700-page reference work to be published by Hendrickson this fall. He is about one-third of the way through compiling a new one-volume anthology of the writings of St. Augustine.

Richard Hauser, SJ, Rector of the Creighton Jesuit Community, has been invited to submit an article to the 2008 *Merton Annual*. His research for this article compares spiritualities of Thomas Merton and Ignatius Loyola, and he explains how his own understanding of Ignatius was enhanced by Merton.

Andrew Jaspers, SJ, is studying the relationship between Einstein's special relativity and Maritain's degrees of abstraction in the philosophy of nature.

Charles Jurgensmeier, SJ, is focusing his research on the collaboration between Salomon Sulzer and Franz Schubert, as well as researching the Magnificat settings of Valentin Rathgeber, OSB, an eighteenth-century German composer.

Charles Kestermeier, SJ, continues updating his on-line bibliography on the modern French author Raymond Queneau. The entirety of the work will soon be transferred to the site of the library of the University of Burgundy in Dijon, along with Fr. Kestermeier's library and archives on Queneau.

Roc O'Connor, SJ, is working on a book manuscript that describes the current state of the liturgy in the Catholic Church and offers two complementary approaches intended to foster "full, active, and conscious participation" at the liturgy. He also continues to compose liturgical music for the Catholic Church.

School of Medicine

Department of 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 and Immunology, Medicine, and Surgery; the Osteoporosis Research Center; the Boys Town National Research Hospital; the University of Nebraska Medical Center; and the Veterans Administration Medical Center.

Skin Cancer

The largest organ in the body, the skin, functions as a major sensory organ and protects the body from exogenous insults. Dr. Laura Hansen's research examines 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. Dr. Hansen is 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 of 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 defects that are many times accompanied by craniofacial anomalies. 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 misexpression, tissue culture, 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 during cardiovascular and craniofacial development is 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 may be involved. These studies also enhance the understanding of adult diseases because many diseases may have embryological origins.

Faculty: Philip Brauer, PhD.

Developmental Neuroscience: Ontogeny and Phylogeny

Molecular cues control the proliferation, migration, and specification of neuronal groups. To understand the dynamics that control the development of the brain, we are examining the interactions of a variety of early-onset genes in the formation of the rhombic lip and pallium of normal and mutant mice. The evolution of these brain domains forms a second focus of research. Comparative studies of gene and peptide expression patterns in developing chickens and mice provide another perspective of the genetic controls of neural domains.

Faculty: Laura L. Bruce, PhD; and David H. Nichols, PhD.

Ear Development

The inner ear contains two important sensory systems: 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, in particular of the pathways of innervation in this organ and the genetics of hearing-related disorders. 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 connective 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 the National Aeronautical and Space Administration and the National Institute on Deafness and Other Communication Disorders.

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 National Institute on Deafness and Other Communication Disorders.

Faculty: Kirk Beisel, PhD; Laura Bruce, PhD; M.-D. Crapon de Caprona, PhD; Bernd Fritzsich, PhD; David He, PhD; and David Nichols, 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, the National Institutes of Health, University of Iowa, and various other universities. It is funded by the National Institute on Deafness and Other Communication Disorders.

Faculty: Kirk Beisel, 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 and the Richard J. Bellucci, MD, Medical Research Fund, 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 Children's Research 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, Case Western Reserve University, and Northwestern University.

Faculty: Kirk Beisel, PhD; Bernd Fritzsich, PhD; Richard Hallworth, PhD; David He, PhD; and David Nichols, 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 National Institute on Deafness and Other Communication Disorders, 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, the National Institute on Deafness and Other Communication Disorders, and St. Jude Children's Research Hospital.

Faculty: Richard Hallworth, PhD; and David 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-DHPLC technology and CHIP instrumentation are 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 osteoprogenitor 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 has been constructed in the Department of Biomedical Sciences. 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

Dr. Roger Reidelberger's 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. Dr. Reidelberger's 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 his 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 Veterans Administration Peptide Core Facility or by Dr. Martin Hulce in the Department of Chemistry at Creighton University. This 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.

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- ❖ 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 proinsulin 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

In 2004, the Nebraska Center for Cell Biology in the Department of Biomedical Sciences obtained a Zeiss multi-photon confocal microscope. Investigators in the department and other departments of the School of Medicine, the Departments of Physics and Biology, Creighton University, Boys Town National Research Hospital, the University of Nebraska Medical Center, and outside centers such as the University of South Dakota, St. Jude Children's Research Hospital (Memphis, Tennessee), and the Virginia Military Institute (Lexington, Virginia) are using the instrument to extend their knowledge of the inner workings of cells.

Faculty: Bernd Fritzsich, PhD; and Richard Hallworth, PhD.

For more information about the Department of Biomedical Sciences' current research activities, visit the department's webpage at: <http://biomedsci.creighton.edu>

Department of Medical Microbiology and Immunology

The Department of Medical Microbiology and Immunology consists of eleven PhDs with primary appointments and six PhDs and four MDs with secondary appointments. 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 Medical Center, the University of Nebraska at Lincoln, and the University of Nebraska Medical Center (UNMC) 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:

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 in any department at Creighton University and Boys Town National Research Hospital, as well as those working outside of the Creighton system at such institutions as UNMC and Children's Hospital. Within Creighton, the facility routinely provides service to investigators in a number of departments, including Medical Microbiology and Immunology, Biomedical Sciences, Allergy and Immunology, Cardiology, and the Cancer Center.

The centerpiece of the facility is a state-of-the-art, three-laser, twelve-parameter, high-speed sorting FACSria flow cytometer from Becton Dickinson. When installed, this instrument was the first FACSria in the world to have UV capabilities. This instrument is capable of routinely performing ten-color analysis (plus two scatter parameters). The presence of the UV laser allows the instrument to be used with UV compatible dyes for DNA analysis or hematopoietic side population sorting experiments. In addition to its analysis capabilities, the strength of this instrument is its ability to sort to purity any cell populations defined by any combination of its twelve parameters. Up to four populations can be sorted simultaneously. Sort purities of greater than 99.5 percent are common, even at sort rates of over 30,000 cells/second. Sorted cells can be collected in bulk, or any number of cells can be put directly into microtiter plates (any number of wells), PCR plates, or directly onto microscope slides or Petri dishes. The instrument also allows the investigator to control the temperature of both the input sample and the sorted cell populations.

In addition to the FACSria, the facility houses a Becton Dickinson FACSCalibur dual laser, four-color flow cytometer. This instrument is used for the bulk of the routine cell analysis in the facility. It is equipped with both sorting capabilities and a Multiwell Autosampler. A separate computer workstation is available in the facility for off-line data analysis using any of several advance data analysis packages.

Other instruments used in the facility include a Beckman Coulter Z1 particle counter, a Nikon E-400 microscope, and an IEC Centra-GP8R refrigerated centrifuge. The cell enrichment capabilities of the facility have also been enhanced through the purchase of two magnetic separation units (a VarioMACS and a QuadroMACS) from Miltenyi Biotech. Using magnetic particle techniques, these units allow the enrichment/purification of specific cell populations for further analysis or culture. All of these additional items are available for use by any investigator.

Faculty: Patrick C. Swanson, PhD; Technical Director: Greg A. Perry, 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 isoform of the prion protein, PrP^{Sc}, is pathognomonic for prion diseases, and its deposition in the central nervous system (CNS) results in neuronal loss and onset of clinical symptoms. PrP^{Sc} is an amyloid protein that is resistant to proteolytic degradation and is posttranslationally derived from the protease sensitive non-amyloid host encoded prion protein, PrP^C. Outside of the CNS, PrP^{Sc} deposition occurs in the peripheral nervous system and secondary lymphoreticular system (LRS) tissues such as spleen and lymph nodes. All prion diseases in 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, Drs. Jason Bartz and Anthony Kincade are investigating three areas of prion pathogenesis. First, they 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, they are investigating the role of the innate immune system in the processing and transport of prions to secondary LRS tissues. Finally, they 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; and Anthony Kincaid, PhD.

Immunodeficiency Research

Dr. Michael Belshan's fundamental research interest is virus-host cell interactions, specifically related to the replication and pathogenesis of the lentivirus subfamily of retroviruses. Members of this subfamily include the human and simian immunodeficiency viruses (HIV and SIV, respectively). The focus of Dr. Belshan's work is to understand the interaction of viral components and the host cell environment by using a cell biology approach to obtain results that provide insights not only into mechanisms of virus replication and pathogenesis, but also the biology of cellular pathways. All the members of the diverse family of retroviruses have a common genomic structure and life cycle, yet they have evolved to infect a broad range of cell types in diverse species and elicit various pathologies. Current research focuses on characterizing early events in HIV infection. A hallmark and critical feature of the pathology of lentiviruses is the ability to infect non-dividing cells. Productive infection of non-dividing cells by HIV requires active nuclear transport of the viral DNA to and across the host cell nuclear membrane leading to viral dsDNA integration into the host genome. This process is mediated by a large nucleoprotein complex called the viral pre-integration complex (PIC). Dr. Belshan's lab is currently investigating the composition, assembly, and transport of both the HIV and SIV PICs. This area remains one of the least defined aspects of HIV replication and thus a novel and exciting area to study. The characterization of the pathway of PIC transport to the nucleus is a first step in the development of a new class of antiviral therapeutics.

Faculty: Michael Belshan, PhD.

Multiple Sclerosis Research

Multiple sclerosis (MS) is the most common demyelinating disease of the central nervous system (CNS) in humans. Patients with MS normally experience a chronic progressive loss of motor and/or sensory functions. The origin of MS is unknown, although some investigators have postulated that an environmental agent (i.e., a virus or bacteria) may trigger the disease. Dr. Kristen Drescher's laboratory utilizes a mouse model of virus-induced demyelination (Theiler's murine encephalomyelitis virus) to study immune factors involved in the development of pathology and clinical disease.

Faculty: Kristen Drescher, PhD.

Center for Research in Anti-Infectives and Biotechnology

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 center's research interests focus on 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. For over eleven years, 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 their research endeavors, members of CRAB actively teach many courses within the Schools of Medicine, Dentistry, and Pharmacy and Health Professions. These courses include medical microbiology and immunology and antimicrobial agents and chemotherapy. Center associates also teach a summer "minicourse" in antimicrobial agents and chemotherapy to pharmaceutical and industry professionals.

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

Department of Medicine: Division of Cardiology

The Division of Cardiology, under the direction of Syed Mohiuddin, MD, builds upon its commitment to provide superior clinical services, participate in sponsored clinical research, and take part in community-focused intervention programs.

Clinical Operations

The Cardiac Center provides referring physicians, health care professionals, patients, and their families with the opportunity to utilize the area's first freestanding facility dedicated to cardiovascular research and education, risk modification, diagnosis, and treatment.

Services at The Cardiac Center include: patient evaluation, treatment, and management; electrocardiography; x-ray; exercise testing; cardiovascular sonography services; Implantable Cardiac Defibrillator (ICD) and pacemaker management; pharmacologic interventions (including the availability of compassionate drugs); laboratory services; risk reduction education and smoking cessation services.

In keeping with its mission to provide a healthy environment for its employees, patients, and visitors, The Cardiac Center became a tobacco-free facility on November 16, 2006 in alignment with National Smoke-Out Day. The use of tobacco products is now prohibited inside and outside The Cardiac Center building, including parking lots and all areas considered part of campus property. This policy applies to all faculty, fellows, staff, students, patients, and visitors at all locations. For many years, The Cardiac Center faculty and staff have discussed the inconsistency of advocating a healthy lifestyle while continuing to allow the use of tobacco products on its property. This is just one of many reasons for the decision to become tobacco-free. Through this action, The Cardiac Center has also agreed to serve as a model for the University as it moves toward becoming an entirely smoke-free campus.

Creighton University hosted the University of Massachusetts' Tobacco Treatment Specialist (TTS) Training and Core Certification Training on October 2-5, 2006 at The Cardiac Center. Sixteen individuals from Nebraska, South Dakota, and Michigan attended the training. The training is an intensive, evidence-based program designed for people who deliver moderate to intensive tobacco treatment services in a health care or community setting. It is a nationally-recognized program. Syed Mohiuddin, MD; Stephanie Maciejewski, PharmD; and Tim Grollmes, MTTS, were featured speakers at the training session.

Research

The Division of Cardiology continues to build upon its superior clinical services by participating in sponsored clinical research, supporting faculty- and fellow-initiated investigations, and offering community-focused intervention programs under the direction of Division Chief Syed Mohiuddin, MD. Stephanie Maciejewski, PharmD, serves as the Administrative Director of Research, with Michael Del Core, MD, leading the Interventional Research Program and Antonio Reyes, MD, leading the Non-Interventional Clinical Trials Program. The Cardiac Center initiated eighteen new research studies during the past year, including phases III and IV pharmaceutical and device trials, as well as investigator-initiated research. Those topics include anemia, heart failure, acute coronary syndromes, hypertension, endothelial function, lipid lowering agents, C-reactive protein, acute MI, and intervention and post-intervention studies.

Funded Programs in Minority Cardiovascular Risk Prevention

The Cardiac Center recognized a need to provide educational and preventive programs to the local community and responded with multiple initiatives. These programs enhance Creighton's visibility in the Omaha community and establish the university as a partner willing to share its resources to improve health care in the minority community.

Creighton Community Health Center

The Cardiac Center of Creighton University Medical Center and Creighton University established the Creighton Community Health Center (CCHC) in an effort to enhance educational opportunities for Creighton students, improve health care services to area underserved populations, and advance the science directed toward reducing, eliminating, or preventing health disparities in minority and underserved populations.

Funding for the Community Health Center is balanced between Nebraska Tobacco Settlement Biomedical Research Development funds (LB692) and Creighton University Health Future Foundation Faculty Development Grants.

The center provides outpatient basic medical care encompassing curative and preventative medicine, health promotion and maintenance, education, nutrition, and continuing care evaluation and management for men, women, and children.

It is hoped that the center will:

- ❖ Accelerate the discovery of new interventions and expand the utilization/adaptation of existing evidenced-based interventions for preventing, reducing, or eliminating health disparities;
- ❖ Increase the number of researchers and professionals from minority and medically underserved populations trained in biomedical and behavioral research;
- ❖ Increase the quality of the training provided to biomedical and behavioral researchers and professionals conducting research on health disparities; and
- ❖ Increase public trust and the dissemination and utilization of scientific and health information relevant to health disparity populations.

Cardiovascular Risk Factor Screening and Intervention in African-American Adults

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 guides and supports participants through the program. The CARSI Program has seen statistically significant improvements in the subjects' blood pressure, cholesterol, weight, BMI, waist circumference, physical activity levels, and overall CVD risk.

Black Education and Treatment of Hypertension (BEAT HTN)

Hypertension is a key contributor to cardiovascular, renal, and all-cause morbidity and mortality, with an incidence that is disproportionately high in African Americans, contributing to 30 percent of all African-American deaths. The Black Education and Treatment of Hypertension (BEAT HTN) Study was designed to increase the proportion of hypertensive African Americans meeting the Seventh Joint National Commission on the Control of Hypertension (JNC VII) guidelines for hypertension in an effort to eliminate this disparity and increase quality and years of life. Participants are provided with FDA approved antihypertensive medication free of charge. Subjects work with a nurse practitioner-physician team, health educator, dietitian, pharmacist, social worker, and Cardiac Center-trained lay health educators to encourage medication compliance and lifestyle modification.

Tobacco Policy

The Communities of Excellence grants are part of local efforts to prevent and control tobacco use within Douglas and Sarpy Counties. This project is supported in part by Region 6 Behavioral

Healthcare and Alegent Health through funding provided by the Nebraska Health and Human Services System/Tobacco Free Nebraska Program as a result of the Tobacco Master Settlement Agreement. The goals of the grants are to reduce exposure to secondhand smoke in the workplace, homes, and apartments, and to prevent youth initiation of tobacco use through education and product placement policies. Through these initiatives, we will work with community organizations, neighborhood associations, churches, and others to provide educational and preventative services.

Latinas, Tabaco, y Cáncer

The *Latinas, Tabaco, y Cáncer* project, funded by the Nebraska Comprehensive Cancer Control Program, is a new initiative to engage the Latino community in tobacco treatment through the provision of services of a *promotora*, a Creighton University-trained community health advocate who will lead tobacco treatment classes, support groups, and counseling sessions in Spanish for community members. This is the only Spanish language tobacco treatment service in the Omaha metro area.

School of Pharmacy and Health Professions

The faculty of the School of Pharmacy and Health Professions (SPAHP) 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.

Research and Service Activities

The scope of research within the School of Pharmacy and Health Professions is broad, with active research programs and projects in the biomedical sciences, health services research, clinical research, and educational research areas of emphasis. Interdisciplinary and interprofessional approaches characterize the school's research models and culture throughout the scope of research. 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 within the U.S. Department of Health and Human Services National Institutes of Health (NIH), Health Resources Services Administration (HRSA), Agency for Healthcare Research and Quality (AHRQ), Indian Health Service (IHS), as well as the National Science Foundation (NSF) and the U.S. Department of Defense (DoD). The school's Office of Research was established in mid-2004 to provide support and services to assist faculty with quality and productivity in research efforts. This past year, the Research Seminar Series was expanded to include a campus-wide invitation to faculty, students, and staff. In addition, a new intensive Student Summer Research Program was launched.

Research Funding and Cross-Campus Collaborations

Both internal and external funding has been received by SPAHP faculty in the broad research categories of biomedical sciences, health services research, clinical research, and educational research. Between July 2005 and June 2006, faculty garnered twenty-three externally funded research and training grant awards and twenty-four internal grant awards (see *Faculty Research Grant Development Program* below). The total award amount for this period was \$1,745,860, a significant increase over 2004-2005. SPAHP faculty co-investigated or collaborated with principal investigators external to Creighton University on nine projects. Of these, five were funded projects. In addition, faculty served as principal investigators and worked collaboratively with co-investigators from other schools on four projects.

Faculty Research Grant Development Program

Two years ago, the SPAHP Faculty Research Grant Development Program was established from seed money provided by Health Future Foundation. The purpose of this program is to facilitate faculty research efforts for high impact, high value, and potentially externally fundable works. This program is conceptualized as a quality building effort using the peer and administrative review process to enhance faculty competitiveness and productivity in research. Since the program's inception, the school has continued to build its research and scholarly capacity. Now in its second year, the program is lauded an overwhelming success.

In June 2005, the second round grant application was announced to the SPAHP faculty. A workshop for preparation of the grant application was held prior to award submission time. A campus-wide scientific peer review panel was assembled, and reviewers provided critiques. An administrative review completed the selection process. Five of nine applications were funded in July 2006; two additional applications were funded after re-submission in November 2006. The SPAHP Office of Research provided the complimentary education and project management expertise to launch this successful venture. Ongoing project and investigator support is provided by the office. Interim progress reports have been submitted and final reports will be due in June 2007. An impact analysis of Year 1 will be completed.

Student Research

- ❖ Graduate Student Research. The school has both undergraduate and graduate students actively engaged and mentored by faculty in research. At present, seven students are enrolled in the Masters of Science Program in Pharmaceutical Sciences. A research thesis is required for the partial fulfillment of the requirements of the program. Research areas include pharmaceuticals, immunology, pharmacology, anatomy, toxicology, and pharmacokinetics. Specific areas of interest include drug delivery systems, regulation of T helper cells, pharmacology of the eye and TCDD toxicity. To date, twelve students have graduated from the program. Doctor of Philosophy (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 is encouraged in the Doctor of Pharmacy Program. The faculty provides 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.
- ❖ Student Research Program. A faculty mentor-student sponsored research program was expanded this year. Students enrolled in the Occupational Therapy, Pharmacy and Physical Therapy professional degree programs were provided the opportunity to competitively apply for either a summer or academic year research experience. This experience was planned with a faculty member who gave oversight and guidance to the students' research skills development by engaging the student in components of active, ongoing research projects. The SPAHP Office of Research received twenty-six applications. Of those, twenty-four were awarded stipends. No campus housing or meals are included in this program.

Creighton University Health Services Research Program

Another initiative begun two years ago is the Creighton Health Services Research Program (CHRP), a research and development program designed to promote and sustain health services research. Led by Dr. Kim Galt as the principal investigator, the program brings researchers and scholars together for interprofessional collaboration and faculty development. Faculty examine issues related to patient safety and quality in health care, including new and emerging technological influences on safety, the effects of health care financing, the relationship of costs of pharmaceuticals and treatments, social and behavioral influences on care, access and disparities issues, and models of care delivery.

The program was initially launched within the School of Pharmacy and Health Professions and has since grown to include university-wide representation. Year 1 focused on establishing key technology infrastructure, Year 2 on establishing and expanding external community, private, and government relationships. External and internal funding applications have been pursued by involved faculty throughout this program. It is anticipated that the expertise provided by the CHRP research faculty will enhance the innovation, significance, rigor, and ultimate successful conduct of the research projects conceptualized by the partners and collaborators. CHRP is designed to promote collaboration of these two groups to elevate the quality of the research and increase the likelihood of successful, competitive grants being awarded.

Six faculty have completed short-course training in human factors engineering and patient safety at the University of Wisconsin System Engineering for Patient Safety Program. The CHRP faculty hosted a summer research student from the Creighton University Health Sciences-Multicultural and Community Affairs (HS-MACA) HRSA-funded program for minority students.

CHRP was formed to provide the infrastructure and resources necessary to identify external funding sources, prepare and submit grant applications, and support project management through staff and technology support to achieve future growth. There is a data entry and analysis center with four workstations and installed software applications for statistical and qualitative data analysis. In Year 2, the repository of database and research tools has been expanded (see <http://chrp.creighton.edu/>). The CHRP computer lab is equipped with a variety of software analytic programs to assist end users in data management, including Microsoft Office, SPSS, SPSS Text Analysis, SAS, and ArcGIS. Additional software packages are evaluated and installed based on special needs projects.

The involvement of faculty has grown from Year 1 through Year 2. This growth is attributed to aggressive networking with individuals who have the expertise and interests consistent with the health services research mission of this program and who expect to have mutually beneficial success from involvement in this initiative.

During Year 2, CHRP added nine additional faculty to its program for a total of twenty-seven, expanding collaborative networks with the Schools of Nursing, Dentistry, and Business Administration. Since the program was launched, forty publications and fifty presentations have directly related to research supported by CHRP. Moreover, the program has successfully obtained funding through Infrastructure Building Competitive Grants.

A Building Research Infrastructure Capacity (BRIC) Proposal for \$500,000 was awarded through the Agency for Healthcare Research and Quality (RFA H5-05-010) – one of only a few in the country chosen from seventy competing applications. This award has provided funds for the continuation and expansion of existing programs and will offer future opportunities for new research initiatives. CHRP's success in receiving this award is attributed to the clear plan for advancement based upon gap analysis of resource requirements to achieve sustainability and the commitment made by the University towards sustainability. The successful conduct and implementation of this award will build collaborations across schools and professions.

Office of Interprofessional Scholarship, Service and Education

The Office of Interprofessional Scholarship, Service and Education (OISSE) was formed in 2001 and is responsible for planning, organizing, and implementing educational, service, and scholarly projects related to interprofessional community service, service learning, and scholarship within the School of Pharmacy and Health Professions.

OISSE maintains a longstanding partnership with the Omaha and Winnebago Tribes addressing health disparities and providing students from across the health sciences with rural, interprofessional student training. The Health Resources and Services Administration (HRSA) grant #1D36HP03158, *Circles of Learning: Community and Clinic as Interdisciplinary Classroom*, was obtained in 2004 and aimed at further developing the interprofessional service opportunities with the tribes. A goal for the second year of funding for the grant was the *2006 Leadership in Rural Health Interprofessional Education and Practice: A Working Conference for Leaders in Rural Health Care*, which brought together

forty leaders in the field to discuss challenges and develop strategies for the future of interprofessional education and practice in rural areas. An outcome of the Leadership Institute is a book contract garnered from Jones and Bartlett to disseminate the professional papers/proceedings of the conference.

In 2005-2006, OISSE expanded its community engagement model to include local, rural, and international outreach efforts supporting interprofessional community engagement in the Omaha metro and rural Nebraska, as well as international initiatives in the Dominican Republic, Ukraine, and China. Using the Center for Health Policy and Ethics model, OISSE expanded its structure to integrate health sciences faculty and community leaders interested in interprofessional community engagement by offering Faculty or Community Associate/Affiliate appointments. Overall, nineteen faculty members accepted OISSE appointments, and the group formed four workgroups based on faculty interest areas: Professional Formation, Geriatrics, Health Promotion, and International Outreach. Through the workgroups, faculty collaboratively determine initiatives based on their topic area and explore scholarly collaboration which includes grant writing, community partnerships to meet needs and provide student learning activities, and scholarly presentations and publications. OISSE has a demonstrated history of scholarly collaboration and maintains strong community partners. A five-year clinical contract (2005-2010) was awarded to the school by the U.S. Department of Health and Human Services Indian Health Service that provides \$182,084 annually to sustain physical and occupational therapy services at the Indian Health Service facility in Winnebago, Nebraska.

Also in 2005-2006, OISSE developed a strong partnership with Madonna Rehabilitation Hospital with research and community health outreach. A collaborative grant was submitted to the National Library of Medicine to develop a comprehensive distance health education system for the Omaha Tribe in Macy, Nebraska. In addition, four internal grants were funded.

Publications for 2005-2006 from OISSE faculty include a book, a book chapter, and eighteen scholarly presentations related to rural health, cross-cultural and community-based practice, health care access, social justice implications, interprofessional student training, and service learning delivered at national and international meetings.

Department of Occupational Therapy

The Department of Occupational Therapy consists of two administrative assistants, approximately 100 on-campus and 100 distance students, and thirteen faculty, including twelve faculty with doctoral degrees and one clinical faculty holding a bachelor's degree. Faculty engage in a variety of teaching, service and scholarly activities each year. During 2005-2006, faculty were engaged in the following areas of scholarship productivity:

- ❖ Scholarship of Practice: Increasing occupational therapy services in rural areas, inter-professional geriatric care, error reporting, and patient safety;
- ❖ Scholarship of Teaching and Learning: Outcomes of service learning activities, benefits of videotaping patient care sessions as a tool for student learning during Level II FW experiences; and
- ❖ Scholarship of Engagement: Health disparities, migrant workers, occupational patterns and disability, interprofessional care of Native Americans through participation in OISSE grants and contracts, occupational therapy service delivery to adolescents.

Extramural funding sources for current research projects include HRSA, National Patient Safety Foundation, Consejo Nacional de Discapacidad, Harvard University Center of Developmental Psychology, United Nations High Commission on Refugees, Amnesty International, Midwest Consortium for Service Learning in Higher Education. Intramural funding was provided through faculty grants from the School of Pharmacy and Health Professions.

Annual professional development plans for each faculty member includes at least one goal targeted at scholarship development and productivity. During 2005-2006, faculty publications included seventeen chapters, nine peer reviewed articles, and three abstracts. Six external and internal grants were funded. Faculty's professional conference presentations included the following venues: ten international, seventeen national, ten state, and fifteen local. For 2006, the department is focusing on establishing faculty groups with similar research pursuits. Faculty will continue to garner support from institutional infrastructures such as CHRP and OISSE.

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 sites. Faculty maintain practices at Creighton University Medical Center, hospitals in the Alegent system, Children's Hospital, Methodist Hospital, the Veterans Administration Medical Centers in Omaha and Lincoln, and Bryan LGH Medical Center in Lincoln. In addition, the department maintains a joint relationship with Walgreen's in Omaha for clinical model development in the community. The department's clinical faculty has established collaborative relationships with faculty in the Department of Medicine for a number of general and specialty clinics, as well as with faculty in the Departments of Family Practice, 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 5 residency positions in pharmacy practice who complete their training throughout the CUMC, Bergan Mercy Medical Center, 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 July 2005 to June 2006, the faculty produced thirty-nine peer-reviewed publications as primary or co-author; provided sixty-seven national, regional, or state presentations; and received three national recognitions.

Research and 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. Very recent progress in the area of nanoparticle formation and production has been made that holds promise for the development of a new treatment for Parkinson's disease and delivery of HIV drugs. This work is possible through a collaboration between scientists in pharmacy practice, pharmaceutical sciences, faculty in the biomedical sciences at the School of Medicine, and faculty at the University of Nebraska Medical Center. Research is active in the area of drug interaction detection and drug toxicity prevention through pharmacogenomics. Clinical outcomes research in the areas of implementing practice guidelines to improve drug therapy management and smoking cessation programs at the time of hospital discharge are examples of some active research conducted by the clinical scientists in the department.

Department of Pharmacy Sciences

The Department of Pharmacy Sciences has twenty-one faculty who are either PhDs or PharmDs, or are PhD-trained, with backgrounds in pharmaceuticals; pharmacology and toxicology; medicinal chemistry; health services research and administration; educational, behavioral, and social and administrative sciences in pharmacy. The department is home to the MS in Pharmaceutical Sciences.

Faculty in the basic sciences has engaged in cross collaborations within Creighton University and at other universities. Drug and dosage pre-formulation, characterization of the solid-state properties of drugs and delivery systems, drug delivery system design, pharmaceutical analysis and nutraceuticals are funded research areas within the department. Controlled deliveries of therapeutic protein and peptides in their conformational stability and biological activity form using smart polymer based delivery system is an active area of work. Another area is transdermal drug delivery using chemical

enhancers, as well physical enhancers like iontophoresis, electrooration, sonophoresis while preserving skin reversibility, as well as percutaneous absorption of chemicals (toxicants, pollutants) and associated dermatotoxicity and skin irritation.

Research related to diseases and conditions under study include cancers, asthma, glaucoma, infectious disease, addictions (e.g., cigarette smoking), and molecular mechanism of normal embryo and fetal development. Research focuses on the role of TH-1/TH-2 cytokine imbalance to the etiology of asthma and allergic disease. These investigations will further inform about treatment approaches that may be effective in the disease. Faculty are investigating the effect of cigarette smoke extract (CSE) on the conformational stability and biological activity of a model protein lysozyme, so that we may understand the mechanism of genesis of the diseases caused by smoking. Ocular diseases may have new treatment opportunities through the research of faculty who are studying the role of isoprostanes on neurotransmitters in ocular tissues (NIH funded research area). Research is active in the synthesis, *in vitro* and *in vivo* biological evaluation of bicyclic octahydroisoquinolines as β_2 selective adrenoceptor agonists, and the synthesis and biological evaluation of bicyclic hexahydroaporphines as an intraocular pressure lowering and neuroprotective agent. Other research focuses on the control and regulation of gene expression during embryonic development. The role of Hox genes in the development of the craniofacial region of the embryo is researched to better understand how various embryonic structures develop, how the coordination of gene activities in both time and space is critical, and how disruption of these events can lead to birth defects. These and other accomplishments have been achieved through collaboration and work with the State EPSCoR (Experimental Program to Stimulate Competitive Research) Program, the University of Nebraska, and various departments (Chemistry, Biomedical Sciences, and others) within Creighton University.

Faculty with emphases in the behavioral and social and administrative sciences conduct much of their work through the support and collaborative infrastructure of the Creighton Health Services Research Program (CHRP). Active funded research is occurring with a core group of faculty in the study of pharmacy benefits management policies and practices, pharmacy practice models – such as mail order services and therapeutic drug monitoring services, and drug therapy adherence and compliance. Other funded research is focused on organizational theory, workforce and culture issues, and teamwork skills related to patient safety. Some of the faculty have focused a longitudinal effort in educational research related to pharmacy and professionalism development. Work is also being conducted in the area of educational technologies and student learning.

Department of Physical Therapy

The Department of Physical Therapy is composed of nineteen faculty, one resident, 196 students (144 entry level program; 52 transitional program) and two staff. Thirteen faculty are “core” as defined by the American Physical Therapy Association program accreditation standards. Eight core faculty have teaching-research classification appointments. One of the core faculty is Dean of the Graduate School. Five core faculty have clinician-educator classification appointments. Of the six faculty not designated as core, two associated faculty have clinician-educator classification appointments, and three faculty have contributed service appointments, primarily in selected teaching or clinical areas. One of these appointments supports faculty scholarship at Madonna Rehabilitation Hospital in Lincoln, and one faculty member has a visiting appointment.

The core faculty have identified four areas of emphasis for scholarship:

- ❖ Community engagement;
- ❖ Health services research;
- ❖ Teaching-learning; and
- ❖ Rehabilitation sciences, with an emphasis on movement disorders.

The department's strategic plan states that all core and associated faculty not supported by extramural funding will participate in one of the scholarship emphasis areas. The community engagement area is supported by the Office of Interprofessional Scholarship, Service and Education. Work in this area has centered in activities supported by HRSA training grants in Native American health and student immersion in domestic and international underserved environments. The health services research area is supported by the Creighton Health Services Research Program and has focused on patient safety, building a health services research infrastructure, and professional discipline/malpractice. The teaching-learning research area is supported by the Office of Faculty Development and Assessment and is focused on the scholarship of teaching. Rehabilitation science in the Biodynamics Laboratory is a department initiative with a focus on investigating the effects of therapeutic interventions on movement dysfunction, with a primary focus on the adult population. Active areas of study include the biomechanical impairments, functional limitations, and therapeutic strategies associated with neurologic disorders (such as those secondary to Parkinson's disease, diabetes, and peripheral vascular disease). Rehabilitation research is being conducted in collaboration with Creighton University Medical Center's Department of Neurology and the Omaha Veterans Administration Medical Center. In 2006, we successfully recruited a movement science researcher to strengthen the research program in the Rehabilitation Science Laboratory with the goal to obtain extramural funding for the lab.

During 2005, department faculty produced fifty presentations, six papers, one book, and five book chapters, and they participated in seventeen grants. Eight faculty serve as manuscript reviewers for thirteen professional journals; two faculty serve on the editorial boards of four journals; two faculty serve on four grant review panels; and three faculty serve on graduate student committees. One faculty line remains open in the department, and a process is underway to determine the needs of the department.



Jesuit members of the Arts & Sciences Faculty, 1907

Publications

College of Arts and Sciences

Adams, J., & STAR Collaboration [including Cherney, M., Gronstal, S., McShane, T. S., Seger, J., & Waggoner, W. T.]. (2005). Distributions of charged hadrons associated with high transverse momentum particles in pp and Au plus Au collisions at $\sqrt{s}(\text{NN})=200$ GeV. *Physical Review Letters*, 95(15), 152301.

Adams, J., & STAR Collaboration [including Cherney, M., Gronstal, S., McShane, T. S., Seger, J., & Waggoner, W. T.]. (2006). Transverse-momentum $p(t)$ correlations on (η, ϕ) from mean- $p(t)$ fluctuations in Au-Au collisions at $\sqrt{s}(\text{NN})=200$ GeV. *Journal of Physics G-Nuclear and Particle Physics*, 32(6), L37-L48.

Adams, J., & STAR Collaboration [including Cherney, M., McShane, T. S., Seger, J., & Waggoner, W. T.]. (2005). Azimuthal anisotropy in Au plus Au collisions at $\sqrt{s}(\text{NN})=200$ GeV. *Physical Review C*, 72(1), 014904.

Adams, J., & STAR Collaboration [including Cherney, M., McShane, T. S., Seger, J., & Waggoner, W. T.]. (2005). Experimental and theoretical challenges in the search for the quark-gluon plasma: The STAR collaboration's critical assessment of the evidence from RHIC collisions. *Nuclear Physics A*, 757(1-2), 102-183.

Adams, J., & STAR Collaboration [including Cherney, M., McShane, T. S., Seger, J., & Waggoner, W. T.]. (2005). Incident energy dependence of $p(t)$ correlations at relativistic energies. *Physical Review C*, 72(4), 044902.

Adams, J., & STAR Collaboration [including Cherney, M., McShane, T. S., Seger, J., & Waggoner, W. T.]. (2005). Multiplicity and pseudorapidity distributions of photons in Au plus Au collisions at $\sqrt{s}(\text{NN})=62.4$ GeV. *Physical Review Letters*, 95(6), 062301.

Adams, J., & STAR Collaboration [including Cherney, M., McShane, T. S., Seger, J., & Waggoner, W. T.]. (2005). Multistrange baryon elliptic flow in Au plus Au collisions at $\sqrt{s}(\text{NN})=200$ GeV. *Physical Review Letters*, 95(12), 122301.

Adams, J., & STAR Collaboration [including Cherney, M., McShane, T. S., Seger, J., & Waggoner, W. T.]. (2006). Directed flow in Au plus Au collisions at $\sqrt{s}(\text{NN})=62.4$ GeV. *Physical Review C*, 73(3), 034903.

Adams, J., & STAR Collaboration [including Cherney, M., McShane, T. S., Seger, J., & Waggoner, W. T.]. (2006). Hadronization geometry from net-charge angular correlations on momentum subspace (η, ϕ) in Au-Au collisions at $\sqrt{s}(\text{NN})=130$ GeV. *Physics Letters B*, 634(4), 347-355.

Adams, J., & STAR Collaboration [including Cherney, M., McShane, T. S., Seger, J., & Waggoner, W. T.]. (2006). Identified hadron spectra at large transverse momentum in p+p and d+Au collisions at $\sqrt{s}(\text{NN})=200$ GeV. *Physics Letters B*, 637(3), 161-169.

Adams, J., & STAR Collaboration [including Cherney, M., McShane, T. S., Seger, J., & Waggoner, W. T.]. (2006). Minijet deformation and charge-independent angular correlations on momentum subspace (η, ϕ) in Au-Au collisions at $\sqrt{s}(\text{NN})=130$ GeV. *Physical Review C*, 73(6), 064907.

Adams, J., & STAR Collaboration [including Cherney, M., McShane, T. S., Seger, J., & Waggoner, W. T.]. (2006). Multiplicity and pseudorapidity distributions of charged particles and photons at forward pseudorapidity in Au plus Au collisions at $\sqrt{s}(\text{NN})=62.4$ GeV. *Physical Review C*, 73(3), 034906.

-
- Aikin, R. C. (2005). Was Jud Jewish? Property, ethnicity, and gender in *Oklahoma! Quarterly Review of Film and Video*, 22(3), 277-283.
- Aikin, R. C. (2005). *White sands. Number two in a series: The portfolios of Brett Weston*. Revere, PA: Lodima Press.
- Aizenberg, S. (2005). Capote in Brooklyn [poem]. In G. Vando, & P. Miller (Eds.), *Chance of a ghost* [anthology]. Helicon Nine Editions.
- Aizenberg, S. (2006). To Vishniac [poem]. *Prairie Schooner*, 80(1).
- Aizenberg, S., & Belieu, W. (2006). On the making of *The extraordinary tide*. *Poetry Magazine Online*.
- Anderson, D. K., & Harris, B. M. (2005). Teaching social welfare policy: A comparison of two pedagogical approaches. *Journal of Social Work Education*, 41(3), 511-526.
- Andersson, K., Drottz-Sjöberg, B., Espejo, R., Fleming, P. A., & Wene, C. (2006). Models of transparency and accountability in the biotech age. *Bulletin of Science, Technology and Society*, 26(1), 46-56.
- Austin, T. R. (2005). Poetry's touch: On lyric address. *Comparative Literature*, 57(4), 354-355.
- Ayers, E. M. (2005). Repeating "A half-told and mangled tale": Reading Caleb Williams through Emily Melville. *English Language Notes*, 42(4), 24-43.
- Baechle, T. R. (2005). Become CSCS and NSCA-CPT recertified online. *Strength and Conditioning Journal*, 27(6), 46-47.
- Baechle, T. R. (2005). Becoming recertified with distinction (*D). *Strength and Conditioning Journal*, 27(5), 63-64.
- Baechle, T. R. (2005). Explanation of qualifying CEUs. *Strength and Conditioning Journal*, 27(3), 86-87.
- Baechle, T. R. (2006). The certification commission in review (2004-2005). *Strength and Conditioning Journal*, 28(3), 30-31.
- Baechle, T. R. (2006). It is not too late to be recertified. *Strength and Conditioning Journal*, 28(1), 19-20.
- Baechle, T. R. (2006). National Strength and Conditioning Association credentials first to require automated external defibrillator. *Strength and Conditioning Journal*, 28(2), 44-45.
- Bergman, R. (2006). Gibbs on Kohlberg on Dewey: An essay review of John C. Gibbs's *Moral development and reality*. *European Journal of Developmental Psychology*, 3(3), 300-315.
- Brock, B., & Grady, M. (2006). *Developing a teacher induction plan*. Thousand Oaks, CA: Corwin Press.
- Brock, B. L. (2006). Working conditions in schools. In F. English (Ed.), *Encyclopedia of educational leadership and administration* (pp. 1074-1075). SAGE Publications.
- Brock, B. L., & Grady, M. L. (2006). Dealing with negative and disruptive teachers: Strategies for administrators. *Journal of International Education*, 12(3), 323-334.
- Bucher, G. S. (2005). Fictive elements in Appian's Pharsalus narrative. *Phoenix*, 59, 50-76.

-
- Bucher, G. S. (2006). [Review of G. Clark, *Christianity and Roman society*]. *Bryn Mawr Classical Review*, 1(1).
- Bucko, R. A. (2005). Father Eugene Buechel, SJ, and the Lakota: Images and imagination. *American Catholic Studies*, 116(3), 83-88.
- Bucko, R. A. (2005). Lakota religion, culture and nature: Ethnohistorical and contemporary perspectives. In B. R. Taylor (Ed.), *Encyclopedia of religion and nature* (pp. 982-985). London and New York: Continuum International.
- Bucko, R. A. (2005). [Review of D. Costello, *Black Elk: Colonialism and Lakota Catholicism*]. *Choice*, 43(5), 868.
- Bucko, R. A. (2005). [Review of *Maine memory network*]. *Choice*, 43(4), 727. Available at: <http://www.mainememory.net>
- Bucko, R. A. (2005). [Review of P. C. Phan, *Being religious interreligiously: Asian perspectives on interfaith dialogue*]. *Theological Studies*, 66(4), 912-914.
- Bucko, R. A. (2005). [Review of P. Jenkins, *Dream catchers: How mainstream America discovered native spirituality*]. *Choice*, 42(9), 1606.
- Bucko, R. A. (2005). [Review of T. C. Maroukis, *Peyote and the Yankton Sioux: The life and times of Sam Necklace*]. *South Dakota History*, 35(3), 285-286.
- Bucko, R. A. (2005). [Review of W. A. Wilson, *Remember this!: Dakota decolonization and the Eli Taylor narratives*]. *American Indian Culture and Research Journal*, 29(4), 155-157.
- Bucko, R. A. (2006). Action anthropology. In H. J. Birx (Ed.), *Encyclopedia of anthropology* (pp. 8-11). Thousand Oaks, CA: Sage Publications.
- Bucko, R. A. (2006). Ella Cara Deloria. In H. J. Birx (Ed.), *Encyclopedia of anthropology* (pp. 723-725). Thousand Oaks, CA: Sage Publications.
- Bucko, R. A. (2006). Eugene Buechel. In H. J. Birx (Ed.), *Encyclopedia of anthropology* (pp. 428-429). Thousand Oaks, CA: Sage Publications.
- Bucko, R. A. (2006). Ghost dance. In H. J. Birx (Ed.), *Encyclopedia of anthropology* (pp. 1076-1078). Thousand Oaks, CA: Sage Publications.
- Bucko, R. A. (2006). Jean-François Lafitau. In H. J. Birx (Ed.), *Encyclopedia of anthropology* (pp. 1399-1400). Thousand Oaks, CA: Sage Publications.
- Bucko, R. A. (2006). Lakota. In W. M. Clemens (Ed.), *The Greenwood encyclopedia of world folklore and folklife* (pp. 67-81). Westport, CT: Greenwood Press.
- Bucko, R. A. (2006). Night thoughts and night sweats: The Morton salt shaker girl meets the Lakota revitalization lodge. In S. Kan, & P. T. Strong (Eds.), *New perspectives on native North America: Cultures, histories and representations* (pp. 162-184). Lincoln, NE: University of Nebraska Press.
- Bucko, R. A. (2006, June). [Review of J. Borden, N. Chauncey, & D. Neboyia, *2004 seasons of a Navajo*]. *Anthropology Review Database*. Available at: <http://wings.buffalo.edu/ARD/cgi/showme.cgi?keycode=2707>
- Burke-Sullivan, E. C. (2005). Yves Congar's theology of the Holy Spirit. *Theological Studies*, 66(2), 462-464.

-
- Cadogan, J. (2006). Lex amoris: La legge dell'interpretazione di Fra Angelico. *Renaissance Quarterly*, 59(2), 504-506.
- Calef, S. A. (2006). Thecla "tried and true" and the inversion of romance. In A. J. Levine (Ed.), *A feminist companion to the New Testament* (pp. 163-185). Cleveland: Pilgrim Press.
- Calef, S. A., & Gillman, F. M. (2005). Roman wives, Roman widows: The appearance of new women and the Pauline communities. *Theological Studies*, 66(4), 930-931.
- Callone, P. R., Kudlacek, C., Vasiloff, B., Manternach, J., & Brumback, R. A. (2006). *A caregiver's guide to Alzheimer's disease: 300 tips for making life easier*. New York: Demos Medical Publishing.
- Callone, P. R., Vasiloff, B. C., Kudlacek, C., Manternach, J., & Brumback, R. A. (2006). *Alzheimer's disease: The dignity within: A handbook for caregivers, family, and friends*. New York: Demos Medical Publishing.
- Carlson, J. W. (2005, Fall). A natural means of preserving life? *Creighton Magazine*, 29.
- Carlson, J. W. (2006). *Understanding our being: Introduction to speculative philosophy in the perennial tradition*. Mason, OH: Thomson Publishing.
- Catherwood, M. (2005). About how cinders danced [essay]. *Plainsongs*, 26(1), 20.
- Catherwood, M. (2005). Come with us [poem]. *The Arabesques Review*, 1(2), 118.
- Catherwood, M. (2005). Confessional poetry man [poem]. *The Arabesques Review*, 1(2), 117.
- Catherwood, M. (2005). Light [poem]. *The Arabesques Review*, 1(2), 119.
- Catherwood, M. (2005). Poem to the self-absorbed [poem]. *The Harpweaver*, 13, 27.
- Catherwood, M. (2005). Wind [poem]. *The Arabesques Review*, 1(2), 120.
- Catherwood, M. (2006). About Tacoma tavern [essay]. *Plainsongs*, 26(3), 20.
- Catherwood, M. (2006). About what you became [essay]. *Plainsongs*, 25(2), 4.
- Catherwood, M. (2006). Epilogue [poem]. *The Briar Cliff Review*, 18, 81.
- Catherwood, M. (2006, January/February). Boredom [poem]. *For Poetry*. Available at: <http://forpoetry.com>
- Catherwood, M. (2006, January/February). Walking the Missouri [poem]. *For Poetry*. Available at: <http://forpoetry.com/>
- Cherney, I. D. (2005). Children's and adults' recall of sex-stereotyped toy pictures: Effects of presentation and memory task. *Infant and Child Development*, 14(1), 11-27.
- Cherney, I. D., & Collaer, M. L. (2005). Sex differences in line judgment: Relation to mathematics preparation and strategy use. *Perceptual and Motor Skills*, 100(3), 615-627.
- Cherney, I. D., & Cooney, R. R. (2005). Predicting student performance in a statistics course using the mathematics and statistics perception scale (MPSP). *Transactions of the Nebraska Academy of Science*, 30, 1-8.
- Cherney, I. D., Seiwert, C. S., Dickey, T. M., & Flichtbeil, J. D. (2006). Children's drawings: A mirror to their minds. *Educational Psychology*, 26(1), 127-142.

-
- Cherney, I. D., Winter, J., & Cherney, M. G. (2005). Nuclear physics problem solving: A case study of expert-novice differences. *Transactions of the Nebraska Academy of Science*, 30, 9-15.
- Cipolla, S. J., & Hill, B. P. (2005). Relative intensities of L X-rays excited by 75-300 keV proton impact on elements with Z=39-50. *Nuclear Instruments and Methods in Physics Research. Section B: Beam Interactions with Materials and Atoms*, 241(1-4), 129-133.
- Clabeaux, J. J. (2005). The story of the Maltese viper and Luke's apology for Paul. *Catholic Biblical Quarterly*, 67(4), 604-610. Available at: <http://purl.org/atlaonline/atlas/ashow?aid=ATLA0001482241>
- Clark, T. D. (2006). [Review of A. C. Lynch, *How Russia is not ruled: Reflections on Russian political development*]. *Canadian-American Slavic Studies*, 40(2-4), 515-517.
- Clark, T. D. (2006). [Review of B. Goldsmith, *Imitation in international relations: Observational learning, analogies, and foreign policy in Russia and Ukraine*]. *Choice*, 43.
- Clark, T. D. (2006). [Review of P. Baker & S. Glasser, *Kremlin rising: Vladimir Putin's Russia and the end of revolution*]. *Choice*, 43.
- Clark, T. D. (2006). [Review of R. W. Ottung & P. Reddaway, *The dynamics of Russian politics: Putin's reform*]. *Choice*, 43.
- Clark, T. D., Versekait, E., & Lukošaitis, A. (2006). The role of committee systems in post-Communist legislatures: A case study of the Lithuanian Seimas. *Europe-Asia Studies*, 58(5), 731-750.
- Clark, T. D., & Wittrock, J. N. (2005). Presidentialism and the effect of electoral law in post-Communist systems. *Comparative Political Studies*, 38(2), 171-188.
- Cook, T. J., & Hudson, W. J. (2006). Professionalization of Catholic high school religion teachers. *Catholic Education: A Journal of Inquiry and Practice*, 9(4), 399-424.
- Crawford, S. E. S., & Ostrom, E. (2005). A grammar of institutions. In E. Ostrom (Ed.), *Understanding institutional diversity* (pp. 137-174). Princeton, NJ: Princeton University Press.
- Deckman, M. M., Crawford, S. E. S., & Olson, L. R. (2005). The politics of gay rights: A clergy perspective. *Conference Papers: Midwestern Political Science Association*, 1-34.
- Dickel, C. T., & Ishii-Jordan, S. (2005). Connecting with contemporary learners: Assessing technology resources and technology use. *Proceedings of the 10th Annual e-Learn 2005: World Conference on e-Learning in Corporate, Government, Health Care, and Higher Education*, Vancouver, British Columbia, Canada.
- Dilly, B. J. (2006). Daniel G. Bates. In H. J. Birx (Ed.), *Encyclopedia of anthropology* (p. 332). Thousand Oaks: Sage Publications.
- Dilly, B. J. (2006). Folkways. In H. J. Birx (Ed.), *Encyclopedia of anthropology* (pp. 974-975). Thousand Oaks: Sage Publications.
- Dilly, B. J. (2006). Native peoples of South America. In H. J. Birx (Ed.), *Encyclopedia of anthropology* (pp. 1678-1680). Thousand Oaks: Sage Publications.
- Dilly, B. J. (2006). Richard H. Robbins. In H. J. Birx (Ed.), *Encyclopedia of anthropology* (p. 2027). Thousand Oaks: Sage Publications.
- Dilly, B. J. (2006). Volunteer labor: "Adding value" to local culture. In E. P. Durrenberger, & J. Marti (Eds.), *Labor in cross-cultural perspective* (pp. 307-318). Lanham: Alta Mira Press.

Durow, P. (2005). Secondary teaching methods online ... times 3. *Online Classroom: Ideas for Effective Online Instruction*, 5(10), 7. Available at:
http://www.magnapubs.com/pub/magnapubs_oc/5_10/news/598043-1.html

Eckerson, J. M., Stout, J. R., Moore, G. A., Stone, N. J., Iwan, K. A., Gebauer, A. N., & Ginsberg, R. (2005). Effect of creatine phosphate supplementation on anaerobic working capacity and body weight after two and six days of loading in men and women. *Journal of Strength and Conditioning Research*, 19(4), 756-763.

Elliot-Meisel, E. (2006). [Review of T. D. Novak & P. J. Capelotti (Eds.), *Life and death on the Greenland patrol, 1942*]. *International Journal of Maritime History*, 18(1), 525-526.

Englehart, P. J., & Douglas, A. V. (2005). Changing behavior in the diurnal range of surface air temperatures over Mexico. *Geophysical Research Letters*, 32(1), L01701.

Fajardo-Acosta, F. (2005). The heart of Guillem de Cabestaing: Courtly lovers, cannibals, early modern subjects. *Exemplaria*, 17(1), 57-102.

Fajardo-Acosta, F. (2006). Desire, subjectivity, and subjection in Bernart de Ventadorn's "Can vei la lauzeta mover." *Courtly Arts and the Art of Courtliness: Selected Papers from the Eleventh Triennial Congress of the International Courtly Literature Society, University of Madison-Wisconsin*, 385-398.

Feezell, R. (2005). Celebrated athletes, moral exemplars, and lusus objects. *Journal of the Philosophy of Sport*, 32(1), 20-35.

Finken, L. L. (2005). The role of consultants in adolescents' decision making: A focus on abortion decisions. In J. E. Jacobs & P. A. Klaczynski (Eds.), *The development of judgment and decision making in children and adolescents* (pp. 255-278). Mahwah, NJ: Lawrence Erlbaum Associates.

Finken, L. L. (2006). Teaching controversial psychology topics: Teaching human sexuality. In S. Davis & B. Buskist (Eds.), *The handbook of the teaching of psychology* (pp. 196-201). Malden, MA: Blackwell Publishing.

Fraser, J., & Brock, B. (2006). Catholic school principal job satisfaction: Keys to retention and recruitment. *Catholic Education: A Journal of Inquiry and Practice*, 9(4), 425-440.

Fryer, H. (2005). New era: Reflections on the human and natural history of central Oregon. *Journal of the West*, 44(2), 99.

Gardiner, D. (2005). The effete looter. *Irish Literary Supplement*, 25(1), 27-28.

Greenspoon, L. (2005). Abraham's promise: Judaism and Jewish-Christian relations. *Religious Studies Review*, 31(3/4), 179.

Greenspoon, L. (2005). The book of Joshua. Part 1: Texts and versions. *Currents in Biblical Research*, 3(2), 229-261.

Greenspoon, L. (2005). The essential Evangelical parallel Bible. *Religious Studies Review*, 31(3/4), 190.

Greenspoon, L. (2005). *Inscriptiones judaicae orientis*. Volume 1: Eastern Europe. *Religious Studies Review*, 31(3/4), 190.

Greenspoon, L. (2005). Joshua to chronicles: An Introduction. *Religious Studies Review*, 31(3/4), 194.

Greenspoon, L. (2005). Messianism and the Septuagint: Collected essays. *Religious Studies Review*, 31(3/4), 198.

-
- Greenspoon, L. (2005). Mikra: Text, translation, reading & interpretation of the Hebrew Bible in ancient Judaism & early Christianity. *Religious Studies Review*, 31(3/4), 191.
- Greenspoon, L. (2005). Palestine in the fourth century A.D.: *The Onomasticon* by Eusebius of Caesarea. *Religious Studies Review*, 31(3/4), 210.
- Greenspoon, L. (2005). The Septuagint. *Religious Studies Review*, 31(3/4), 197-198.
- Greenspoon, L. (2005). The Septuagint version of Isaiah and cognate studies. *Religious Studies Review*, 31(3/4), 195.
- Greenspoon, L. (2005). The suffering servant: Isaiah 53 in Jewish and Christian sources. *Religious Studies Review*, 31(3/4), 195.
- Greenspoon, L. (2005). A textual history of the King James Bible. *Religious Studies Review*, 31(3/4), 200.
- Greenspoon, L. (2005). Traditions of the rabbis from the era of the New Testament. Volume I: Prayer and agriculture. *Religious Studies Review*, 31(3/4), 201.
- Greenspoon, L. J. (2005). The Bible in the news. *BR*, 21(4), 8-10.
- Greenspoon, L. J. (2005). The Bible in the news. *BR*, 21(5), 9.
- Hallworth, R., Currall, B., Nichols, M. G., Wu, X. D., & Zuo, J. (2006). Studying inner ear protein-protein interactions using FRET and FLIM. *Brain Research*, 1091, 122-131.
- Hamm, D. (2005). The Acts of the Apostles. In *New Collegeville Bible commentary*. Collegeville, MN: Liturgical Press.
- Hamm, D. (2006). Dodging faith's call. *America*, 194(11), 8-10.
- Hamm, D. (2006). Faith's call to justice [part two]. *America*, 195(3), 18-20.
- Hamm, D. (2006). Let efter gud. [Rummaging for God]. Polanco: Tidskrift För Ignatiansk Andlighet, 38-42.
- Hamm, D. (2006). [Review of R. B. Hays, *The conversion of the imagination: Paul as interpreter of Israel's scripture*]. *Catholic Books Review*. Available at: <http://catholicbooksreview.org/2006/hays.htm>
- Harper, C. L., & Leicht, K. (2006). *Exploring social change: America and the world* (5th ed.). Upper Saddle River, NJ: Prentice Hall Inc.
- Hauser, R. (2005). Practical spiritual resources. *America*, 193(8), 32-33.
- Higgins, W., Ahijevych, D., Amador, J., Barros, A., Berbery, E. H., Caetano, E., Carbone, R., Ciesielski, P., Cifelli, R., Cortez-Vazquez, M., Douglas, A., Douglas, M., Emmanuel, G., Fairall, C., Gochis, D., Gutzler, D., Jackson, T., Johnson, R., King, C., & Lang, T. (2006). The NAME 2004 field campaign and modeling strategy. *Bulletin of the American Meteorological Society*, 87(1), 79-94.
- Houtz, L. E. (2006). Engaging all students in cooperative learning. *Science Education Review*, 5(1), 16-18.
- Houtz, L. E., & Doyle, B. A. (2006). Training future teachers about assessment in an era of high stakes accountability. In J. K. Richards (Ed.), *International perspectives on education and training* (pp. 235-244). Athens, Greece: Athens Institute for Education and Research.

-
- Houtz, L. E., & Kosoko-Lasaki, O. (2006). Creighton collaborative health professions partnership initiative: Results of a successful collaboration. *Academic Medicine, 81*(6), S28-S31.
- Huss, M. T. (2006). Professional development through the integration of teaching, scholarship and service: If it is not fun, I'm not doing it. In B. Buskist & S. F. Davis (Eds.), *The handbook of the teaching of psychology* (pp. 324-327). New York: Blackwell Publishing.
- Huss, M. T., Covell, C. N., & Langhinrichsen-Rohling, J. (2006). Clinical implications for the assessment and treatment of antisocial and psychopathic domestic violence perpetrators. *Journal of Aggression, Maltreatment, and Trauma, 13*, 61-87.
- Huss, M. T., Tomkins, A. J., Garbin, C. P., Schopp, R. F., & Kilian, A. (2006). Battered women who kill their abusers: An examination of commonsense notions, cognitions, and judgments. *Journal of Interpersonal Violence, 21*, 1063-1080.
- Huss, M. T., & Zeiss, R. A. (2005). You have the right not to have a hearing: An evaluation of the impact of fully advising civilly committed patients on their rights. *International Journal of Law and Psychiatry, 28*(4), 334-341.
- Ibanez, J. G., Mayen-Mondragon, R., Moran-Moran, M. T., Alatorre-Ordaz, A., Mattson, B., & Eskestrand, S. (2005). Laboratory experiments on the electrochemical remediation of the environment. *Journal of Chemical Education, 82*(10), 1546-1548.
- Ibanez, J. G., Navarro-Monsivais, C., Terrazas-Moreno, S., Mena-Brito, R., Pedraza-Segura, L., Mattson, B., Anderson, M. P., Fujita, J., & Hoette, T. (2006). Microscale environmental chemistry. Part 5: Production of ClO₂, an environmentally-friendly oxidizer and disinfectant. *Chemical Educator, 11*, 174-177.
- Jansen, J. A., McCarthy, T. J., Soukup, G. A., & Soukup, J. K. (2006). Backbone and nucleobase contacts to glucosamine-6-phosphate in the glmS ribozyme. *Nature Structural and Molecular Biology, 13*(6), 517-523.
- Kirby, E., McBride, C., Shuler, S., Birkholt, M., Danielson, M. A., & Pawlowski, D. (2006). The Jesuit difference (?): Narratives of negotiating spiritual values and secular practices. *Communication Studies, 57*, 87-105.
- Kosoko-Lasaki, O., Cook, C. T., O'Brien, R., Kissell, J. L., Purtilo, R., & Peak, F. (2006). Promoting cultural proficiency in researchers to enhance the recruitment and participation of minority populations in research. Part 1: Development and refinement of survey instruments. *Evaluation and Program Planning, 29*(3), 227-235.
- Ladino, J. (2005). Rewriting nature tourism in "an age of violence": Tactical collage in Marianne Moore's "An octopus." *Twentieth-Century Literature, 51*(3), 285-315.
- Langhinrichsen-Rohling, J., Huss, M. T., & Rohling, M. (2006). Assessing violence in adults. In M. Hersen (Ed.), *Clinician's handbook of adult behavioral assessment* (pp. 371-400). New York: Elsevier.
- Lawler, M., & Salzman, T. (2006). Catholic sexual ethics: Complementarity and the truly human. *Theological Studies, 67*, 625-652.
- Lawler, M., & Salzman, T. (2006). New natural law theory and foundational ethical principles: A critique and a proposal. *Heythrop Journal, 47*, 182-205.
- Leak, G. K. (2006). Development and validation of a revised measure of Adlerian social interest. *Social Behavior and Personality, 34*(4), 443-449.
- Leavelle, T. N. (2005). Cultures in motion: Mapping key contacts and their imprints in world history. *Church History, 74*(1), 214-215.

-
- Leavelle, T. N. (2005). Unaffected by the gospel: Osage resistance to the Christian invasion (1673-1906): A cultural victory. *Church History*, 74(4), 878-879.
- Liederer, B. M., Phan, K. T., Ouyang, H., & Borchardt, R. T. (2005). Significant differences in the disposition of cyclic prodrugs of opioid peptides in rats and guinea pigs following IV administration. *Journal of Pharmaceutical Sciences*, 94(12), 2676-2687.
- Madejewski, J. J. (2005). Reason as a nexus of natural law and rhetoric. *Journal of Business Ethics*, 59(3), 247-257.
- Maciejewski, J. J. (2006). Natural law as an ethic for postmodern rhetoric. *International Journal of the Humanities*, 3(7), 103-110.
- Maciejewski, J. J. (2006). Natural law, natural rhetoric and rhetorical perversions. *Proceedings of the American Catholic Philosophical Association*, 79, 173-188.
- Maciejewski, J. J., & Ozar, D. T. (2005). Natural law and the right to know in a democracy. *Journal of Mass Media Ethics*, 20(2/3), 121-138.
- Matei, V. A., Feng, F., Pauley, S., Beisel, K. W., Nichols, M. G., & Fritzsche, B. (2006). Near-infrared laser illumination transforms the fluorescence absorbing X-gal reaction product BCI into a transparent, yet brightly fluorescent substance. *Brain Research Bulletin*, 70(1), 33-43.
- Mattson, B. (2006). Microscale gas chemistry. In P. Schwarz, M. Hugerat, & M. Livneh (Eds.), *Micro-scale chemistry experimentation for all ages*. Haifa, Israel: Arab Academic College for Education.
- Mattson, B., Hulce, M., Cheng, W., Greimann, J., Hoette, T., & Menzel, P. (2006). Propanol to propane: An advanced laboratory experiment using heterogeneous catalysts for two successive gas-phase reactions. *Journal of Chemical Education*, 83(3), 421-424.
- McCarthy, T. J., Plog, M. A., Floy, S. A., Jansen, J. A., Soukup, J. K., & Soukup, G. A. (2005). Ligand requirements for glmS ribozyme self-cleavage. *Chemistry and Biology*, 12(11), 1221-1226.
- Moreno, E. (2005). Whither the Colombian two-party system: An assessment of electoral reforms and their limits. *Electoral Studies*, 24(3), 485-509.
- Murray, P. (2005). The mind and the market: Capitalism in modern European thought. *Journal of Modern History*, 77(3), 749-751.
- Murray, P. (2005). The new giant's staircase. *Historical Materialism*, 13(2), 61-83.
- Murray, P. (2006). In defence of the "third thing argument": A reply to James Furner's "Marx's critique of Samuel Bailey." *Historical Materialism: Research in Critical Marxist Theory*, 14(2), 149-168.
- Nielsen, L. (2005). Stability properties for Feynman's operational calculus in the combined continuous-discrete setting. *Acta Applicandae Mathematicae*, 88(1), 47-79.
- Nielsen, L. (2005). Time dependent stability for Feynman's operational calculus. *Rocky Mountain Journal of Mathematics*, 35(4), 1347-1368.
- Odeh, M. S., Zeiss, R. A., & Huss, M. T. (2006). Cues they use: Clinicians' endorsement of risk cues in predictions of dangerousness. *Behavioral Sciences and the Law*, 24(2), 147-156.
- O'Keefe, J. (2005). Didymus the blind and his circle in late-antique Alexandria: Virtue and narrative in Biblical scholarship. *Catholic Historical Review*, 91(3), 513-514.
- Olson, L. R., Crawford, S. E. S., & Deckman, M. M. (2005). *Women with a mission: Religion, gender, and the politics of women clergy*. Tuscaloosa, AL: University of Alabama Press.

-
- Ostrom, E., & Crawford, S. E. S. (2005). Classifying rules. In E. Ostrom (Ed.), *Understanding institutional diversity*. Princeton, NJ: Princeton University Press.
- Pawlowski, D. R. (2006). Dialectical tensions in families experiencing acute health issues: Stroke survivors' perceptions. In L. Turner, & R. West (Eds.), *The Family Communication Sourcebook* (pp. 469-489). Thousand Oaks, CA: Sage Publications.
- Razzetti, E., Sacchi, R., & Platz, J. E. (2006). First description of the acoustic repertoire of *Rana italica* (Anura: Ranidae). *Herpetological Journal*, 16, 229-231.
- Reno, R. (2006). Theology's continental captivity. *First Things*, 162, 26-33.
- Reno, R. R. (2005). Out of the ruins. *First Things*, 150, 11-16. Available at: <http://purl.org/atlaonline/atlas/ashow?aid=ATLA0001444614>
- Reno, R. R. (2006). Pride and idolatry. *Interpretation: A Journal of Bible and Theology*, 60(2), 166-180.
- Roddy, N. (2005). Life after death: A history of the afterlife in Western religion. *BR*, 21(3), 42-46.
- Roddy, N. (2006). Retroverting Slavonic pseudepigrapha: Toward the original of the Apocalypse of Abraham. *Catholic Biblical Quarterly*, 68(2), 335-337.
- Rogers, J., Summers, R. W., & Lambert, G. P. (2005). Gastric emptying and intestinal absorption of a low-carbohydrate sport drink during exercise. *International Journal of Sport Nutrition and Exercise Metabolism*, 15(3), 220-235.
- Salzman, T. A. (2005). Experience, goods, and natural law: Dialogue as a universal ethical method. In L. Boeve & J. Haers (Eds.), *Theology and conversation: Developing a relational theology* (pp. 830-855). Leuven, Belgium: Peeters Press.
- Salzman, T. A. (2005). A morally complex world: Engaging contemporary moral theology. *Theological Studies*, 66(2), 474-476.
- Salzman, T. A. (2006). Friendship, marriage, and sacrament: Philia as a model of Christian love. *Chicago Studies*, 45(2), 147-161.
- Salzman, T. A., & Lawler, M. G. (2006). New natural law theory and foundational sexual ethical principles: A critique and a proposal. *Heythrop Journal*, 47(2), 182-205.
- Sartin, M., Hansen, D., & Huss, M. T. (2006). Recidivism and treatment response related characteristics for domestic violence perpetrators. *Aggression and Violent Behavior*, 11, 425-440.
- Selk, E. E. (2005). Darwin and design: Does evolution have a purpose? *Theological Studies*, 66(1), 222-223.
- Shuler, S., McBride, M. C., & Kirby, E. L. (2006). Desperation loves company: Female friendships and the façade of female intimacy. In J. McCabe & K. Akass (Eds.) *Reading "Desperate Housewives": Beyond the white picket fence* (pp. 180-189). New York: I. B. Tauris & Co., Ltd.
- Simkins, R. A. (2005). When the great abyss opened: Classic and contemporary readings of Noah's flood. *Catholic Biblical Quarterly*, 67(4), 698-699.
- Solger, R. (2006). *Anton in America: A novel from German-American life* (L. A. Vanchena, Trans.). Vol. 3 of *New Directions in German-American Studies* (W. Sollors, Ed.). New York: Peter Lang.
- Spencer, B. (2006). Red-eyed dog. *Witness*, 77-86.

-
- Spencer, B. (2006). Storyboard your story. In S. Ellis (Ed.), *Now write!: Fiction writing exercises from today's best writers and teachers* (pp. 162-164). New York: Tarcher/Penguin.
- Spencer, B. (2006). The true history. *Prairie Schooner*, 80(2), 139-151.
- Stefaniak, M. H. (2006). *Si turki dan ibuku [The Turk and my mother]*. (L. Wijaya, Trans.). Jakarta: Penerbit PT Gramedia Pustaka Utama.
- Stefaniak, M. H. (2006). You love that dog. In A. Gurganus & K. Pories (Eds.), *New stories from the South: The year's best, 2006*. Chapel Hill, NC: Algonquin Books.
- Stenberg, S. J. (2006). Liberation theology and liberatory pedagogies: Renewing the dialogue. *College English*, 68(3), 271-290.
- Stephens, W. O. (2006). Masks, androids, and primates: The evolution of the concept "person." In W. O. Stephens (Ed.), *The person: Readings in human nature* (pp. 397-408). Upper Saddle River, NJ: Pearson/Prentice Hall.
- Stephens, W. O. (Ed.). (2006). *The person: Readings in human nature*. Upper Saddle River, NJ: Pearson/Prentice Hall.
- Stephens, W. O. (2006). [Review of S. F. Sapontzis, *Food for thought: The debate over eating meat*]. *Journal of Philosophy, Science, and Law*, 6. Available at: http://www6.miami.edu/ethics/jpsl/archives/bookReview/JPSL_Food_for_Thought.html
- Stone, N. J., Moroney, W. F., Burke, C. S., Caldwell, B. S., & Chaffin, D. B. (2005). Teaching team behavior to human factors/ergonomics students. Part II: Specifics for forming and developing teams, and using peer ratings. *Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting*, 747-750.
- Su, B. (2005). Baby mooses? *BR*, 21(4), 8.
- Taylor, C. K., Abel, P. W., Hulce, M., & Smith, D. D. (2005). Solvent effects on coupling yields during rapid solid-phase synthesis of CGRP(8-37) employing *in situ* neutralization. *Journal of Peptide Research*, 65(1), 84-89.
- Thiede, J. (2005). The call of God: Women doing theology in Peru. *Theological Studies*, 66(1), 226-227.
- Tichy, C. A. (2006). The in-class debate as a persuasive activity. *Hawaii International Conference on Arts and Humanities*, Honolulu, HI. Available at: <http://www.hichumanities.org>
- Tiede, L. M., & Nichols, M. G. (2006). Photobleaching of reduced nicotinamide adenine dinucleotide and the development of highly fluorescent lesions in rat basophilic leukemia cells during multiphoton microscopy. *Photochemistry and Photobiology*, 82(3), 656-664.
- Van Hecke, M. M., Treonis, A. M., & Kaufman, J. R. (2005). How does the fungal endophyte neotyphodium coenophialum affect tall fescue (*Festuca arundinacea*) rhizodeposition and soil microorganisms? *Plant and Soil*, 275(1/2), 101-109.
- Vanchena, L. A. (2005). From domestic farce to abolitionist satire: Reinhold Solger's reframing of the Union (1860). In L. Tatlock & M. Erlin (Eds.), *German culture in nineteenth-century America: Reception, adaptation, transformation* (pp. 289-316). Rochester, NY: Camden House.
- Vanchena, L. A. (2006). Introduction. In R. Solger, *Anton in America: A novel from German-American life* (pp. xvii-lv). Vol. 3 of *New Directions in German-American Studies* (W. Sollors, Ed.). New York: Peter Lang.

-
- Vanchena, L. A. (2006). Reimagining Reinhold Solger's *Anton in America*. *Amerikastudien/American Studies: A Quarterly*, 51(1), 57-74.
- Vinton, M. A., & Goergen, E. M. (2006). Plant-soil feedbacks contribute to the persistence of *Bromus inermis* in tallgrass prairie. *Ecosystems*, 9, 967-976.
- Wahl, S. T., McBride, M. C., & Schrodt, P. (2005). Becoming "point and click" parents: A case study of communication and online adoption. *Journal of Family Communication*, 5(4), 279-294.
- Welch, A. W. (2005). [Review of H. Van Woerden, *The assassin: A story of race and rage in the land of Apartheid*]. *African Studies Review*, 48(1), 174-176.
- Welch, A. W. (2005). [Review of P. Frankel, *An ordinary atrocity: Sharpeville and its massacre*]. *African Studies Review*, 48(1), 174-176.
- Wendling, A. E. (2006). *On alienation and machine production: Capitalist embodiment in Karl Marx*. Pennsylvania State University.
- White, R. (2005). Herder: On the ethics of nationalism. *Humanitas*, 18(1/2), 166-181.
- Wilson, D. R. (2006). The evolutionary neuroscience of human reciprocal sociality: A basic outline for economists. *Journal of Socio-Economics*, 35(4), 626-633.
- Winn, R. E. (2005). The natural world in the sermons of Eusebius of Emesa. *Vigiliae Christianae*, 59(1), 31-53.
- Wright, W. M. (2005). *Caryll Houselander: Essential writings*. Maryknoll, NY: Orbis Books.
- Wright, W. M. (2005). Sacred dwellings [column]. *Journal of Family Ministry: Empowering through Faith*, 19(1), 8-9. Available at: <http://purl.org/atlaonline/atlas/ashow?aid=ATLA0001473791>
- Wright, W. M. (2005). Sacred dwellings [column]. *Journal of Family Ministry: Empowering through Faith*, 19(3), 12-13.
- Wright, W. M. (2005). To belong and yet not to belong. *Weavings*, XX(3), 33.
- Wright, W. M. (2006). Caryll Houselander: A modern spiritual master. *Ligourian*, 94(6), 20-24.
- Wright, W. M. (2006). Christ plays in ten thousand places: A conversation in spiritual theology. *Theology Today*, 63(2), 235-236.
- Wright, W. M. (2006). Margaret Mary Alacoque and the relational mystery of the visitation. *The Theological Review of the Episcopal Academy*. Available at: <http://www.ea1785.org/drum/trea/TREA5-06/Wrighttrea06a.pdf>
- Wright, W. M. (2006). Marriage as a school of love. *United States Conference of Catholic Bishops Colloquium: Promoting and Sustaining Marriage as a Community of Life and Love*. Available at: <http://www.usccb.org/laity/marriage/npim.shtml>
- Wright, W. M. (2006, Spring). Lent: The season for transformation. *Creighton Magazine*, 22-27.
- Wunsch, J. S. (2006). Indicators for assessing African local governance. In K. Millett, D. Olowu, & R. Cameroon (Eds.), *Local governance and poverty reduction in Africa*. Tunis: The Joint Africa Institute.
- Wunsch, J. S. (2006). Local governance and conflict management in Africa. In K. Millett, D. Olowu, & R. Cameroon (Eds.), *Local governance and poverty reduction in Africa*. Tunis: The Joint Africa Institute.

Wunsch, J. S. (2006). Report of the proceedings: Workshop on local governance and poverty reduction in Africa. Tunis: The Joint Africa Institute.

Yuan, J. (2006). The role of time in the structure of Chinese logic. *Philosophy East and West*, 56(1), 136-152.

Zuegner, M. C. (2006). [Review of M. Salwen, B. Garrison, and P. Driscoll (Eds.), *Online news and the public*]. *Communication Research Trends*, 25, 37-38.

College of Business Administration

Adkins, N. R., & Ozanne, J. L. (2005). Critical consumer education: Empowering the low literate consumer. *Journal of Macromarketing*, 25(2), 153-162.

Anderson, C. W., & Garcia-Feijoo, L. (2006). Empirical evidence on capital investment, growth options, and security returns. *Journal of Finance*, 61(1), 171-194.

Barnum, D., & Gleason, J. (2005). Technical efficiency bias caused by intra-input aggregation in data envelopment analysis. *Applied Economics Letters*, 12(13), 785-788.

Barnum, D. T., & Gleason, J. M. (2006). Biases in technical efficiency scores caused by intra-input aggregation: Mathematical analysis and a DEA application using simulated data. *Applied Economics*, 38, 1593-1603.

Barnum, D. T., & Gleason, J. M. (2006). Measuring efficiency in allocating inputs among outputs with DEA. *Applied Economics Letters*, 13(6), 333-336.

Blakely, G. L., Andrews, M. C., & Moorman, R. H. (2005). The moderating effects of equity sensitivity on the relationship between organizational justice and organizational citizenship behaviors. *Journal of Business and Psychology*, 20(2), 259-273.

Blakely, G. L., Srivastava, A., & Moorman, R. H. (2005). The effects of nationality, work role centrality, and work locus of control on role definitions. *Journal of Leadership and Organizational Studies*, 12, 103-117.

Buckhoff, T., & Taylor, M. H. (2005). A case study of the role of the forensic accountant in a legal dispute. *Journal of Forensic Accounting*, (Supplement), 71-98.

Chen, L. D., & Nath, R. (2005). Nomadic culture: Cultural support for working anytime, anywhere. *Information Systems Management*, 22(4), 56-64.

Chintakananda, A., & York, A. (2005). Brown lumber: Choosing the optimal export strategy. Integrative case 2.2. In M. Peng (Ed.), *Global strategy*. Thompson.

DeZoort, T., Harrison, P., & Taylor, M. (2006). Accountability and auditor's materiality judgments: The effects of differential pressure strength on conservatism, variability, and effort. *Accounting, Organizations, and Society*, 31, 373-390.

Fitzsimmons, E. (2005). Explaining variation in income among rural farm counties in the Great Plains. *The Journal of Economics*, 31(2), 77-92.

Froelich, A., Duckworth, W., & Stephenson, W. R. (2005). Training statistics teachers at Iowa State University. *The American Statistician*, 59(1), 8-10.

Garcia-Feijoo, L., & Howe, J. H. (2005). Matching financial and real investment options: Evidence from warrant calls. *Journal of Financial Research*, 28(4), 609-620.

-
- Garcia-Feijoo, L., Howe, J. H., & Su, T. (2005). Completely predictable and fully anticipated? Step ups in warrant exercise prices. *Applied Economics Letters*, 12(9), 561-565.
- Gustafson, A. (2005, August). Kant: Friend or foe of the believer?: Plantinga and other American Christian responses to Kant's epistemology. *Hekmat Va Falsafeh [Wisdom and Philosophy]*.
- Gustafson, A. (2006). Murtafda Mutahhari and John Stuart Mill's critique of the consumeristic commodification. *Hekmat Va Falsafeh [Wisdom and Philosophy]*, 2(1).
- Gustafson, A. (2006). Utilitarianism and business ethics. In P. Werhane & T. Donaldson (Eds.), *Ethical issues in business: A philosophical approach* (8th ed.).
- Gustafson, A. (2006, Summer). Mill's view of art and poetry as the basis of moral education. *Teaching Ethics*.
- Kaufmann, J., O'Neill, H., & York, A. (2006). The impact of structural prescriptions on joint venture survival. *Mid-American Journal of Business*, 21(2), 43-60.
- Marble, R. P., & Thun, J. H. (2006). The theory of constraints and the constraints of theory: A structural equation model for supply chain disruptions. *Proceedings of the 17th Annual Conference of the Production and Operations Management Society, Boston*, 179.01-179.14.
- McNary, G. W., & Palmer, S. C. (2006). Central City makes a promotion: A case study of employment discrimination. *Proceedings of the 2006 Annual Meeting, Business/Society/Government Consortium*, 1-22.
- Murthy, V. N. R. (2005). Capital mobility and income inequality in African countries: Evidence from panel data cointegration tests. *Indian Journal of Economics and Business*, 4(2), 257-266.
- Murthy, V. N. R. (2006). Health status and income inequality: Evidence from OECD countries. *Atlantic Economic Journal*, 34(2).
- Nitsch, T. O. (2006). Religion and political economy [special issue]. *American Review of Political Economy*.
- Ozanne, J. L., Adkins, N. R., & Sandlin, J. A. (2005). Shopping [for] power: How adult literacy learners negotiate the marketplace. *Adult Education Quarterly*, 55(4), 251-268.
- Peng, M., Zou, Y. Y., & York, A. (2006). Behind make or buy decisions in export strategy: A replication and extension of Trabold. *Journal of World Business*, 41(3), 289-300.
- Protzman, K. M., & Raval, V. (2006, January). Concept mapping: A learning tool for the information systems audit profession. *Journal Online: Information Systems Control and Audit Association*.
- Raval, V. (2006, March-April). Dilemmas of the digital firm. *CFO Connect*, 17-19.
- Romero, R., York, A., & Wohar, M. (2006). Stock Market reactions to knowledge-motivated acquisitions. *Academy of Management Business Policy and Strategy Division National Meetings Best Paper Proceedings*, Atlanta, GA.
- SeEVERS, M. T. (2006). Performance implications of emergent social networks in a distribution channel setting: The role of social capital. University of Kentucky.
- Storlie, C. (2005). Marketing and information operations. *Military Review*, 85(5), 2-3.
- Tan, J. (2005). Venturing in turbulent water: A historical perspective of economic reform and entrepreneurial transformation. *Journal of Business Venturing*, 20(5), 689-704.

Thun, J. H., Marble, R. P., & Silveira-Camargos, V. (2006). The potential and risk of just-in-sequence: An empirical study of the German automotive industry. *Proceedings of the 17th Annual Conference of the Production and Operations Management Society, Boston*, 187.01-187.15.

School of Dentistry

Beisel, K. W., Rocha-Sanchez, S. M., Morris, K. A., Nie, L. P., Feng, F., Kachar, B., Yamoah, E. N., & Fritsch, B. (2005). Differential expression of KCNQ4 in inner hair cells and sensory neurons is the basis of progressive high-frequency hearing loss. *Journal of Neuroscience*, 25(40), 9285-9293.

Edwards, P. C., Fantasia, J. E., & Iovino, R. (2006). Foreign body reaction to hyaluronic acid (restylane): An adverse outcome of lip augmentation. *Journal of Oral and Maxillofacial Surgery*, 64, 1296-1299.

Edwards, P. C., Fantasia, J. E., Saini, T., Rosenberg, T., & Ruggiero, S. (2006). Clinically aggressive central giant cell granulomas in two patients with neurofibromatosis. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontics*, 102(6), 765-772.

Edwards, P. C., Hess, S., & Saini, T. (2006). Sinonasal undifferentiated carcinoma of the maxillary sinus. *Journal of the Canadian Dental Association*, 72, 161-165.

Edwards, P. C., & Mason, J. M. (2006). Gene-enhanced tissue engineering for dental hard tissue regeneration. 1: Overview and practical considerations. *Head and Face Medicine*, 2, 12.

Edwards, P. C., & Mason, J. M. (2006). Gene-enhanced tissue engineering for dental hard tissue regeneration. 2: Dentin-pulp and periodontal regeneration. *Head and Face Medicine*, 2, 16.

Edwards, P. C., & McVaney, T. (2005). External cervical root resorption involving multiple maxillary teeth in a patient with hereditary hemorrhagic telangiectasia. *Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontics*, 100(5), 585-591.

Edwards, P. C., & Wasserman, P. (2005). Evaluation of cystic salivary gland lesions by fine needle aspiration: An analysis of 21 cases. *Acta Cytologica*, 49(5), 489-494.

Janda, R., Roulet, J. F., Latta, M., Steffin, G., & Ruttermann, S. (2005). Color stability of resin-based filling materials after aging when cured with plasma or halogen light. *European Journal of Oral Sciences*, 113(3), 251-257.

Jergenson, M. A., Norton, N. S., Opack, J. M., & Barritt, L. C. (2005). Unique origin of the inferior alveolar artery. *Clinical Anatomy*, 18(8), 597-601.

Kimmes, N. S., Saini, T. S., & Carroll, L. R. (2006). Comparison of clinician agreement during visualization of conventional and digitized bitewing radiographs. *General Dentistry*, 54(3), 182-185.

Knowles, K. I., Hammond, N. B., Biggs, S. G., & Ibarrola, J. L. (2006). Incidence of instrument separation using LightSpeed rotary instruments. *Journal of Endodontics*, 32(1), 14-16.

Latta, M. A., Kelsey, W. P., & Kelsey, W. P. (2006). Effect of polymerization mode of adhesive and cement on shear bond strength to dentin. *American Journal of Dentistry*, 19(2), 96-100.

Latta, M. A., Kelsey, W. P., & Murdock, C. M. (2005). Effects of adhesive liner and provisional cement on the bond strength of nickel/chrome/beryllium alloy cemented to dentin. *Quintessence International*, 36(10), 817-823.

Midstoke, S., Saini, T., Hess, S., & Edwards, P. C. (2006). Unilateral tongue atrophy. *General Dentistry*, 54, 425-427.

Rule, J. T., & Welie, J. V. M. (2006). Justice, moral competencies, and the role of dental schools. In J. V. M. Welie (Ed.), *Justice in oral health care: Ethical and educational perspectives* (pp. 233-259). Milwaukee: Marquette University Press.

Saini, T., Edwards, P. C., Kimmes, N., Carroll, L., Shaner, J., & Dowd, F. (2005). Etiology of xerostomia and dental caries among methamphetamine abusers. *Oral Health and Preventive Dentistry*, 3, 189-195.

Shaner, J. W., Kimmes, N., Saini, T., & Edwards, P. (2006). "Meth mouth": Rampant caries in methamphetamine abusers. *AIDS Patient Care and STDs*, 20(3), 146-150.

Sheets, J. L., & Wilwerding, T. M. (2005). Die pin channel cleaner. *Journal of Prosthetic Dentistry*, 94(6), 567.

Shen, H., Long, J. R., Xiong, D. H., Liu, Y. J., Liu, Y. Z., Xiao, P., Zhao, L. J., Dvornyk, V., Zhang, Y. Y., Rocha-Sanchez, S., Liu, P. Y., Li, J. L., & Deng, H. W. (2005). Mapping quantitative trait loci for cross-sectional geometry at the femoral neck. *Journal of Bone and Mineral Research*, 20(11), 1973-1982.

Welie, J. V. M. (2006). Are oral health disparities merely unfortunate or also unfair? An introduction to the book. In J. V. M. Welie (Ed.), *Justice in oral health care: Ethical and educational perspectives* (pp. 7-14). Milwaukee: Marquette University Press.

Welie, J. V. M. (2006). *Justice in oral health care: Ethical and educational perspectives*. Milwaukee: Marquette University Press.

Welie, J. V. M. (2006). The preferential option for the poor: A social justice perspective on oral health care. In J. V. M. Welie (Ed.), *Justice in oral health care: Ethical and educational perspectives* (pp. 127-144). Milwaukee: Marquette University Press.

Welie, J. V. M., & Rule, J. T. (2006). Overcoming isolationism: Moral competencies, virtues and the importance of connectedness. In J. V. M. Welie (Ed.), *Justice in oral health care: Ethical and educational perspectives* (pp. 97-125). Milwaukee: Marquette University Press.

Westerman, G. H., Hicks, M. J., Flaitz, C. M., & Powell, G. L. (2006). *In vitro* caries formation in primary tooth enamel: Role of argon laser irradiation and remineralizing solution treatment. *Journal of the American Dental Association*, 137(5), 638-644.

School of Law

Andrus, K. L., Charles, P. C., Johnson, T. C., & Kitchel, A. C. (2006). *Research guide to Nebraska law, 2006*. LexisNexis.

Borchers, P. J. (2005). Nebraska choice of law: A synthesis. *Creighton Law Review*, 39(1), 1-28.

Borchers, P. J. (2005). [Review of A. T. von Mehren, *Theory and practice of adjudicatory authority in private internal law: A comparative study of the doctrine, policies, and practices of common- and civil-law systems*]. *Creighton Law Review*, 38(4), 995-998.

Culhane, M. B., & White, M. M. (Eds.). (2005). *Bankruptcy issues for state trial court judges* (3rd ed.). American Bankruptcy Institute.

Culhane, M. B., & White, M. M. (2005). Catching can-pay debtors: Is the means-test the only way? *American Bankruptcy Institute Law Review*, 13(2), 665-700.

Dallon, C. (2006). Original intent and the copyright clause: Eldred v. Ashcroft gets it right. *St. Louis Law Journal*, 50, 307.

Fenner, G. M. (2005). *Nebraska jury instructions: Including civil instructions and criminal instructions* (2nd ed.). Thomson West.

Gerardi, D. (2006). A key part of IT collaboration. *Hospitals and Health Networks*, 80(3), 16.

Lucas, T. L. (2005). Disabling complexity: The Americans with Disabilities Act of 1990 and its interaction with other federal laws. *Creighton Law Review*, 38(4), 871-993.

Mangrum, R. C. (2006). *Mangrum on Nebraska evidence 2006*. Thomson West.

Mangrum, R. C., & Benson, D. (2006). *Mangrum and Benson on Utah evidence 2005-2006*. Thomson West.

Melilli, K. J. (2006). Succeeding in the opening statement. *American Journal of Trial Advocacy*, 29(3), 525-562.

Pearson, E. (2005). *Environmental and natural resources law* (2nd ed.). Lexis Nexis.

Pearson, E. (2005). *Environmental and natural resources law: Documents supplement* (2nd ed.). Lexis Nexis.

Pearson, E. (2005). *Environmental and natural resource law: Teacher's manual* (2nd ed.). Lexis Nexis.

Real, D. L. (2005). Appellate practice in Nebraska: A thorough, though not exhaustive, primer in how to do it and how to be more effective. *Creighton Law Review*, 39(1), 29-102.

Siegel, D. D., & Borchers, P. J. (2005). *Conflicts in a nutshell* (3rd ed.). West.

Tepley, L. L. (2006). *Legal negotiation in a nutshell* (2nd ed.). West.

White, M. M., Culhane, M. B., & Martin, N. (2005). *When worlds collide: Bankruptcy and its impact on domestic relations and family law* (3rd ed.). American Bankruptcy Institute.

Whitten, R. U. (2005). Full faith and credit for dummies. *Creighton Law Review*, 38(2), 465-491.

Wiseman, C. M. (2005). Drug courts: Framing policy to ensure success. *International Journal of Offender Therapy and Comparative Criminology*, 49(3), 235-238.

School of Medicine

Abel, P. W., & Rorabaugh, B. (2005). Isoproterenol. *XPharm*.

Abel, P. W., & Taylor, C. K. (2006). Compound 1. *XPharm*.

Agrawal, D. K. (2005). Introduction: Tribute to Ed Daniel. *Canadian Journal of Physiology and Pharmacology*, 83(8-9), v.

Aguirre, I., & Svolos, T. (2006). [Review of translation of E. Laurent, The name-of-the-father: Psychoanalysis and democracy]. (M. C. Aguirre, Trans.). *Lacanian Compass*, 1(7), 3-5.

Ahmed, S., Murphy, R. F., & Lovas, S. (2005). Importance of N- and C-terminal regions of gastrin-gly for preferential binding to high and low affinity gastrin-gly receptors. *Peptides*, 26(7), 1207-1212.

Akhter, M. P., Cullen, D. M., & Pan, L. C. (2006). Bone biomechanical properties in EP4 knockout mice. *Calcified Tissue International*, 78(6), 357-362.

Akhter, M. P., Lund, A. D., & Gairola, C. G. (2005). Bone biomechanical property deterioration due to tobacco smoke exposure. *Calcified Tissue International*, 77(5), 319-326.

Alba, J., Ishii, Y., Thomson, K., Moland, E. S., & Yamaguchi, K. (2005). Kinetics study of KPC-3, a plasmid-encoded class A carbapenem-hydrolyzing beta-lactamase. *Antimicrobial Agents and Chemotherapy*, 49(11), 4760-4762.

Allen, T. R., Krueger, K. D., Hunter, W. J., & Agrawal, D. K. (2005). Evidence that insulin-like growth factor-1 requires protein kinase C-epsilon, PI3-kinase and mitogen-activated protein kinase pathways to protect human vascular smooth muscle cells from apoptosis. *Immunology and Cell Biology*, 83(6), 651-667.

Amin, Z., Woo, R., Danford, D. A., Froemming, S. E., Reddy, V. M., Lof, J., & Overman, D. (2006). Robotically assisted periventricular closure of perimembranous ventricular septal defects: Preliminary results in Yucatan pigs. *Journal of Thoracic and Cardiovascular Surgery*, 131(2), 427-432.

Amirlak, I., & Amirlak, B. (2006). Haemolytic uraemic syndrome: An overview. *Nephrology*, 11(3), 213-218.

Anand, K., Mooss, A. N., Hee, T. T., & Mohiuddin, S. M. (2006). Meta-analysis: Inhibition of renin-angiotensin system prevents new-onset atrial fibrillation. *American Heart Journal*, 152(2), 217-222.

Anand, K., Mooss, A. N., & Mohiuddin, S. M. (2006). Aldosterone inhibition reduces the risk of sudden cardiac death in patients with heart failure. *Journal of the Renin-Angiotensin-Aldosterone System*, 7(1), 15-19.

Awad, Z. T., Puri, V., LeBlanc, K., Stoppa, R., Fitzgibbons, R. J., Iqbal, A., & Filipi, C. J. (2005). Mechanisms of ventral hernia recurrence after mesh repair and a new proposed classification. *Journal of the American College of Surgeons*, 201(1), 132-140.

Barger-Lux, M. J., Davies, K. M., & Heaney, R. P. (2005). Calcium supplementation does not augment bone gain in young women consuming diets moderately low in calcium. *Journal of Nutrition*, 135, 2362-2366.

Barger-Lux, M. J., & Heaney, R. P. (2005). Calcium absorptive efficiency is positively related to body size. *Journal of Clinical Endocrinology and Metabolism*, 90(9), 5118-5120.

Barger-Lux, M. J., & Recker, R. R. (2006). Towards understanding bone quality transilial bone biopsy and bone histomorphometry. *Clinical Reviews in Bone and Mineral Metabolism*, 4(3), 167-176.

Bartz, J. C., DeJoia, C., Tucker, T., Kincaid, A. E., & Bessen, R. A. (2005). Extraneural prion neuro-invasion without lymphoreticular system infection. *Journal of Virology*, 79(18), 11858-11863.

Basarakodu, K., Lakkireddy, D., Li, H. G., & Tchou, P. (2005). "Porcelain pocket": Dystrophic calcification of an implantable cardiac defibrillator pocket presenting as impending erosion. *Heart Rhythm*, 2(7), 787-788.

Bateman, E., Karpel, J., Casale, T., Wenzel, S., & Banerji, D. (2006). Ciclesonide reduces the need for oral steroid use in adult patients with severe, persistent asthma. *Chest*, 129(5), 1176-1187.

Beisel, K. W., Rocha-Sanchez, S. M., Morris, K. A., Nie, L. P., Feng, F., Kachar, B., Yamoah, E. N., & Fritsch, B. (2005). Differential expression of KCNQ4 in inner hair cells and sensory neurons is the basis of progressive high-frequency hearing loss. *Journal of Neuroscience*, 25(40), 9285-9293.

Beisel, K. W., Wang-Lundberg, Y., Maklad, A., & Fritsch, B. (2005). Development and evolution of the vestibular sensory apparatus of the mammalian ear. *Journal of Vestibular Research-Equilibrium and Orientation*, 15(5-6), 225-241.

-
- Belshan, M., Mahnke, L. A., & Ratner, L. (2006). Conserved amino acids of the human immunodeficiency virus type 2 vpx nuclear localization signal are critical for nuclear targeting of the viral preintegration complex in non-dividing cells. *Virology*, 346(1), 118-126.
- Bennett, R. G., Mahan, K. J., Gentry-Nielsen, M. J., & Tuma, D. J. (2005). Relaxin receptor expression in hepatic stellate cells and in cirrhotic rat liver tissue. *Relaxin and Related Peptides: Fourth International Conference, 1041*, 185-189.
- Bergeron, S., Madathiparambil, T., & Swanson, P. C. (2005). Both high mobility group (HMG)-boxes and the acidic tail of HMGB1 regulate recombination-activating gene (RAG)-mediated recombination signal synapsis and cleavage *in vitro*. *Journal of Biological Chemistry*, 280(35), 31314-31324.
- Bergren, D. R. (2006). Prostaglandin involvement in lung C-fiber activation by substance P in guinea pigs. *Journal of Applied Physiology*, 100(6), 1918-1927.
- Bhatia, S. K. (2005). Concise guide to drug interaction principles of medical practice: Cytochrome P450s, UGTs, p-glycoproteins. *Journal of the American Academy of Child and Adolescent Psychiatry*, 44(6), 607-608.
- Bhatia, S. K., & Bhatia, S. C. (2005). Preparing for a successful psychiatry residency review committee site visit: A guide for new training directors. *Academic Psychiatry*, 29(3), 249-255.
- Bian, Y., Caldes, T., Wijnen, J., Franken, P., Vasen, H., Kaklamani, V., Nafa, K., Peterlongo, P., Ellis, N., Baron, J. A., Burn, J., Moeslein, G., Morrison, P. J., Chen, Y., Ahsan, H., Watson, P., Lynch, H. T., de la Chapelle, A., Fodde, R., & Pasche, B. (2005). TGFBR16A may contribute to hereditary colorectal cancer. *Journal of Clinical Oncology*, 23, 3074-3078.
- Black, J. A., Moland, E. S., & Thomson, K. S. (2005). AmpC disk test for detection of plasmid-mediated AmpC beta-lactamases in enterobacteriaceae lacking chromosomal AmpC beta-lactamases. *Journal of Clinical Microbiology*, 43(7), 3110-3113.
- Black, J. A., Thomson, K. S., Buynak, J. D., & Pitout, J. D. D. (2005). Evaluation of beta-lactamase inhibitors in disk tests for detection of plasmid-mediated AmpC beta-lactamases in well-characterized clinical strains of *klebsiella spp*. *Journal of Clinical Microbiology*, 43(8), 4168-4171.
- Blindauer, K., Shoulson, I., Oakes, D., et al. [including Bertoni, J.]. (2006). A randomized controlled trial of etilevodopa in patients with Parkinson disease who have motor fluctuations. *Archives of Neurology*, 63(2), 210-216.
- Borics, A., Murphy, R. F., & Lovas, S. (2006). Optical spectroscopic elucidation of different types of β -turns in disulfide bridged cyclic tetrapeptides. *Biopolymers*, 85(1), 1-11.
- Borics, A., Murphy, R. F., & Lovas, S. (2006). Type II β -turn formation in tetrapeptides evidenced by vibrational circular dichroism spectroscopy. *Understanding Biology Using Peptides. Proceedings of the Nineteenth American Peptide Symposium*, 708-709.
- Brand, R. E., & Lynch, H. T. (2006). Genotype/phenotype of familial pancreatic cancer. *Endocrinology and Metabolism Clinics of North America*, 35(2), 405-415, xi.
- Brauer, P. R. (2006). MMPs: Role in cardiovascular development and disease. *Frontiers in Bioscience*, 11, 447-478.
- Brauer, P. R., Sanmann, J. N., & Petzel, D. H. (2005). Effects of warm acclimation on na^+, K^+ -ATPase alpha-subunit expression in chloride cells of antarctic fish. *Anatomical Record Part A: Discoveries in Molecular Cellular and Evolutionary Biology*, 285A(1), 600-609.

-
- Broaddus, R. R., Lynch, H. T., Chen, L. M., Daniels, M. S., Conrad, P., Munsell, M. F., White, K. G., Luthra, R., & Lu, K. H. (2006). Pathologic features of endometrial carcinoma associated with HNPCC: A comparison with sporadic endometrial carcinoma. *Cancer*, 106(1), 87-94.
- Brownell, J., Lin, H., Bewtra, A., Townley, R., & Casale, T. B. (2006). Necrotizing pneumonia with a questionable lung mass in a 59-year-old man. *Annals of Allergy Asthma and Immunology*, 96(1), 116-121.
- Brumback, R. A. (2005). Cognitive phenotypes of mood disorders: Neurobiological correlates. In D. Riva, U. Bellugi & M. B. Denckla (Eds.), *Neurodevelopmental disorders: Cognitive/behavioural phenotypes* (pp. 131-142). Montrouge, France: John Libbey Eurotext.
- Brumback, R. A. (2005). Continuing importance of autopsy in neurodegenerative diseases. *Cornhusker Family Physician*, 51(2), 12-13.
- Brumback, R. A. (2005). Education of general neurologists, pediatricians, and medical students in child neurology. In B. L. Maria (Ed.), *Current management in child neurology* (3rd ed., pp. 22-24). Hamilton, Ontario, Canada: B. C. Decker.
- Brumback, R. A. (2005). An emerald event: *The Journal of Child Neurology* reaches 20. *Journal of Child Neurology*, 20(1), 1-4.
- Brumback, R. A. (2006). Pediatric developmental scales. In R. M. Herndon (Ed.), *Handbook of neurologic rating scales* (2nd ed., pp. 17-37). New York: Demos Medical Publishing.
- Brumback, R. A., & Coffey, C. E. (2006). Neuropsychiatric contributions. In R. T. Ammerman, M. Hersen, & J. C. Thomas (Eds.), *Comprehensive handbook of personality and psychopathology* (pp. 29-37). Hoboken, NJ: John Wiley & Sons.
- Burns, T. L., Mooss, A. N., & Hilleman, D. E. (2005). Antiplatelet drug resistance: Not ready for prime time. *Pharmacotherapy*, 25(11), 1621-1628.
- Busse, W. W., Casale, T. B., Dykewicz, M. S., Meltzer, E. O., Bird, S. R., Hustad, C. M., Grant, E., Zeldin, R. K., & Edelman, J. M. (2006). Efficacy of montelukast during the allergy season in patients with chronic asthma and seasonal aeroallergen sensitivity. *Annals of Allergy Asthma and Immunology*, 96(1), 60-68.
- Callone, P. R., Kudlacek, C., Vasiloff, B., Manternach, J., & Brumback, R. A. (2006). *A caregiver's guide to Alzheimer's disease: 300 tips for making life easier*. New York: Demos Medical Publishing.
- Callone, P. R., Vasiloff, B. C., Kudlacek, C., Manternach, J., & Brumback, R. A. (2006). *Alzheimer's disease: The dignity within: A handbook for caregivers, family, and friends*. New York: Demos Medical Publishing.
- Cao, X., Qin, J., Xie, Y., Khan, O., Dowd, F., Scofield, M., Lin, M. F., & Tu, Y. (2006). Regulator of G-protein signaling 2 (RGS2) inhibits androgen-independent activation of androgen receptor in prostate cancer cells. *Oncogene*, 25(26), 3719-3734.
- Casale, T. B., Busse, W. W., Kline, J. N., Ballas, Z. K., Moss, M. H., Townley, R. G., Mokhtarani, M., Seyfert-Margolis, V., Asare, A., Bateman, K., Deniz, Y., & Immune Tolerance Network Group. (2006). Omalizumab pretreatment decreases acute reactions after rush immunotherapy for ragweed-induced seasonal allergic rhinitis. *Journal of Allergy and Clinical Immunology*, 117(1), 134-140.
- Casale, T. B., Kessler, J., & Romero, F. A. (2006). Safety of the intranasal toll-like receptor 4 agonist CRX-675 in allergic rhinitis. *Annals of Allergy, Asthma, and Immunology*, 97, 454-456.

Caughron, S. K., Bridge, J. A., Bewtra, C. B., Hunter, W. J., Nelson, M., Soundararajan, S., Silva, E., & Gatalica, Z. (2005). Monosomy 22 as a diagnostic aid in a case of late recurrence of adult granulosa cell tumor of the ovary. *Cancer Genetics and Cytogenetics*, 156(1), 83-85.

Chakinala, M., & Schuller, D. (2006). Pulmonary hypertension. In A. Shifren, T. L. Lin, & D. M. Goodenberger (Eds.), *The Washington manual pulmonary medicine subspecialty consult* (1st ed., pp. 148-157). Lippincott Williams & Wilkins.

Chakkalakal, D. A. (2005). Alcohol-induced bone loss and deficient bone repair. *Alcoholism-Clinical and Experimental Research*, 29(12), 2077-2090.

Chakkalakal, D. A., Novak, J. R., Fritz, E. D., Mollner, T. J., McVicker, D. L., Garvin, K. L., McGuire, M. H., & Donohue, T. M. (2005). Inhibition of bone repair in a rat model for chronic and excessive alcohol consumption. *Alcohol*, 36(3), 201-214.

Chass, G. A., Mirasol, R. S., Setiadi, D. H., Tang, T. H., Chin, W., Mons, M., Dimicoli, I., Dognon, J. P., Viskolcz, B., Lovas, S., Penke, B., & Csizmadia, I. G. (2005). Characterization of the conformational probability of N-acetyl-phenylalanyl-NH₂ by RHF, DFT, and MP2 computation and AIM analyses, confirmed by jet-cooled infrared data. *Journal of Physical Chemistry A*, 109(24), 5289-5302.

Chatterjee, A., Bagchi, D., Yasmin, T., & Stohs, S. J. (2005). Antimicrobial effects of antioxidants with and without clarithromycin on *Helicobacter pylori*. *Molecular and Cellular Biochemistry*, 270, 125-130.

Chatterjee, A., Moland, E. S., Song, W., & Thompson, K. (2005). *In vitro* activity of cefdinir and comparison agents against beta-lactamase-producing pathogens. *Infectious Diseases in Clinical Practice*, 13, 1-7.

Chatterjee, A., Thompson, K., & Moland, E. S. (2005). Cefdinir: An oral alternative to parenteral cepheps. *Diagnostic Microbiology and Infectious Disease*, 51(4), 259-264.

Chatterjee, A., Yasmin, T., Vanderbur, L., & Ohri, L. (2005). Hepatitis B maternal screening and infant immunization policies in Nebraska hospitals. *Nebraska Pediatrician*, 16(1), 1-6-11.

Chelikani, P. K., Haver, A. C., Reeve, J. R., Keire, D. A., & Reidelberger, R. D. (2006). Daily, intermittent intravenous infusion of peptide YY(3-36) reduces daily food intake and adiposity in rats. *American Journal of Physiology-Regulatory Integrative and Comparative Physiology*, 290(2), R298-R305.

Chelikani, P. K., Haver, A. C., & Reidelberger, R. D. (2005). Intravenous infusion of glucagon-like peptide-1 potently inhibits food intake, sham feeding, and gastric emptying in rats. *American Journal of Physiology-Regulatory Integrative and Comparative Physiology*, 288(6), R1695-R1706.

Chen, S. N., Watson, P., & Parmigiani, G. (2005). Accuracy of MSI testing in predicting germline mutations of MSH2 and MLH1: A case study in Bayesian meta-analysis of diagnostic tests without a gold standard. *Biostatistics*, 6(3), 450-464.

Chen, X. D., Shen, H., Lei, S. F., Li, M. X., Yang, Y. J., & Deng, H. W. (2006). Exclusion mapping of chromosomes 1, 4, 6 and 14 with bone mineral density in 79 Caucasian pedigrees. *Bone*, 38(3), 450-455.

Chenevix-Trench, G., Sinilnikova, O. M., Suthers, G., Pandeya, N., Mazoyer, S., Sambrook, J. F., Goldup, S., Goldgar, D., Lynch, H. T., Lenoir, G. M., & Cheetham, G.. (2005). Ratio of male to female births in the offspring of BRCA1 and BRCA2 carriers. *Familial Cancer*, 4(2), 73-75.

Chiang, D. T., Clark, J., & Casale, T. B. (2005). Omalizumab in asthma: Approval and postapproval experience. *Clinical Reviews in Allergy and Immunology*, 29(1), 3-16.

-
- Clark, J., Chiang, D., & Casale, T. B. (2006). Omalizumab in the treatment of allergic respiratory disease. *Journal of Asthma*, 43(2), 87-93.
- Coffey, C. E., Brumback, R. A., Rosenberg, D. R., & Voeller, K. K. S. (2006). *Pediatric neuropsychiatry*. Philadelphia: Lippincott Williams & Wilkins.
- Coleman, R., Huggett, K. N., & Lofgreen, A. S. (2006). Behaviour change project for second-year medical students. *Medical Education*, 40(5), 462-463.
- Colilla, S., Kantoff, P. W., Neuhausen, S. L., Godwin, A. K., Daly, M. B., Narod, S. A., Garber, J. E., Lynch, H. T., Brown, M., Weber, B. L., & Rebbeck, T. R. (2006). The joint effect of smoking and AIB1 on breast cancer risk in BRCA1 mutation carriers. *Carcinogenesis*, 27(3), 599-605.
- Conlon, J. M., Abraham, B., Galadari, S., Knoop, F. C., Sonnevend, A., & Pal, T. (2005). Antimicrobial and cytolytic properties of the frog skin peptide, kassinatuerin-1 and its L- and D-lysine-substituted derivatives. *Peptides*, 26(11), 2104-2110.
- Conlon, J. M., Jouenne, T., Cosette, P., Cosquer, D., Vaudry, H., Taylor, C. K., & Abel, P. W. (2005). Bradykinin-related peptides and tryptophyllins in the skin secretions of the most primitive extant frog, *Ascaphus truei*. *General and Comparative Endocrinology*, 143(2), 193-199.
- Cook, C. T., Kosoko-Lasaki, O., & O'Brien, R. L. (2005). Satisfaction with and perceived cultural competency of health care providers: The minority experience. *Journal of the National Medical Association*, 97(8), 1-10.
- Cooney, R., Kosoko-Lasaki, O., Wilson, M. R., & Slattery, B. (2006). Proximal versus distal influences on underrepresented minority pursuing health professions careers. *Journal of the National Medical Association*, 98(9), 11471-1475.
- Copps, J., Murphy, R. F., & Lovas, S. (2006). Avian pancreatic polypeptide fragments refold to native aPP conformation when combined in solution: A CD and VCD study. *Biopolymers*, 83, 32-38.
- Copps, J., Murphy, R. F., & Lovas, S. (2006). VCD spectroscopic analysis of the exendin-4 truncated analog TC5b. *Understanding Biology Using Peptides. Proceedings of the Nineteenth American Peptide Symposium*, 706-707.
- Cullinane, C. A., Lubinski, J., Neuhausen, S. L., et al. [including Lynch, H. T.]. (2005). Effect of pregnancy as a risk factor for breast cancer in BRCA1/BRCA2 mutation carriers. *International Journal of Cancer*, 117(6), 988-991.
- Danyi, K., Kokai, G., & Csontos, J. (2006). A novel mathematical model for the optimization of DNA-chip design and its implementation. *Applications of Evolutionary Computing Proceedings*, 3907, 23-33.
- Davis, B. R., Piller, L. B., Cutler, J. A., et al. [including Mohiuddin, S.]. (2006). Role of diuretics in the prevention of heart failure: The antihypertensive and lipid-lowering treatment to prevent heart attack trial. *Circulation*, 113(18), 2201-2210.
- Davis, R. E., Iqbal, A., Gerhardt, J. D., Welch, R. A., Turaga, K., Tierney, B., Haider, M., & Filipi, C. J. (2005). A long-term comparison of plication configurations for endoluminal gastropliation: Circumferential versus helical. *Journal of Clinical Gastroenterology*, 39(10), 869-876.
- Dawson-Hughes, B., Heaney, R. P., Holick, M. F., Lips, P., Meunier, P. J., & Vieth, R. (2005). Estimates of optimal vitamin D status. *Osteoporosis International*, 16(7), 713-716.
- DeCesare, B., Omojola, M., Fogarty, E. F., Brown, J. C., & Taylon, C. (2006). Spontaneous thrombosis of congenital arteriovenous malformation complicated by subdural collection: *In utero* detection with disappearance in infancy. *British Journal of Radiology*, 79, e140-e144.

-
- Delmas, P. D., Adami, S., Strugala, C., Stakkestad, J. A., Reginster, J. Y., Felsenberg, D., Christiansen, C., Civitelli, R., Drezner, M. K., Recker, R. R., Bolognese, M., Hughes, C., Masanaukaite, D., Ward, P., Sambrook, P., & Reid, D. M. (2006). Intravenous ibandronate injections in postmenopausal women with osteoporosis: One-year results from the dosing intravenous administration study. *Arthritis and Rheumatism*, 54(6), 1838-1846.
- Deng, F. Y., Lei, S. F., Li, M. X., Jiang, C., Dvornyk, V., & Deng, H. W. (2006). Genetic determination and correlation of body mass index and bone mineral density at the spine and hip in Chinese Han ethnicity. *Osteoporosis International*, 17(1), 119-124.
- Deng, H. W., & Gao, G. M. (2006). LOD score exclusion analyses for candidate disease susceptibility genes using case-parents design. *Progress in Natural Science*, 16(1), 30-38.
- Desmangles, J. C., Lappe, J. M., Lypaczewski, G., & Haynatzki, G. (2006). Accuracy of pubertal tanner staging self-reporting. *Journal of Pediatric Endocrinology and Metabolism*, 19(3), 213-221.
- Di Ciaccia, A. (2006). All symptoms lead to Rome. [Tous les symptômes mènent à Rome]. (T. Svolos, Trans.). *Mental*, 17, 183-188.
- Dobnig, H., Sipos, A., Jiang, Y. B., Fahrleitner-Pammer, A., Ste-Marie, L. G., Gallagher, J. C., Pavo, I., Wang, J. Y., & Eriksen, E. F. (2005). Early changes in biochemical markers of bone formation correlate with improvements in bone structure during teriparatide therapy. *Journal of Clinical Endocrinology and Metabolism*, 90(7), 3970-3977.
- Domchek, S. M., Friebel, T. M., Neuhausen, S. L., Wagner, T., Evans, G., Isaacs, C., Garber, J. E., Daly, M., Eeles, R., Matloff, E., Tomlinson, G. E., Van't Veer, L., Lynch, H. T., Olopade, O., Weber, B. L., & Rebbeck, T. R. (2006). Mortality after bilateral salpingo-oophorectomy in BRCA1 and BRCA2 mutation carriers: A prospective cohort study. *Lancet Oncology*, 7(3), 223-229.
- Douglas, J. A., Gruber, S. B., Meister, K. A., Bonner, J., Watson, P., Krush, A. J., & Lynch, H. T. (2005). History and molecular genetics of Lynch syndrome in family G: A century later. *Journal of the American Medical Association*, 294(17), 2195-2202.
- Dvornyk, V. (2005). Molecular evolution of ldpA, a gene mediating the circadian input signal in cyanobacteria. *Journal of Molecular Evolution*, 60(1), 105-112.
- Dvornyk, V., & Knudsen, B. (2005). Functional divergence of the circadian clock proteins in prokaryotes. *Genetica*, 124(2), 247-254.
- Dvornyk, V., Liu, P. Y., Long, J. R., Zhang, Y. Y., Lei, S. F., Recker, R. R., & Deng, H. W. (2005). Contribution of genotype and ethnicity to bone mineral density variation in Caucasians and Chinese: A test for five candidate genes for bone mass. *Chinese Medical Journal*, 118(15), 1235-1244.
- Dvornyk, V., Long, J. R., Liu, P. Y., Zhao, L. J., Shen, H., Recker, R. R., & Deng, H. W. (2006). Predictive factors for age at menopause in Caucasian females. *Maturitas*, 54(1), 19-26.
- Eisen, A., Lubinski, J., Klijn, J., Moller, P., Lynch, H. T., Offit, K., et al. (2005). Breast cancer risk following bilateral oophorectomy in BRCA1 and BRCA2 mutation carriers: An international case-control study. *Journal of Clinical Oncology*, 23(30), 7491-7496.
- El-Abaseri, T. B., Putta, S., & Hansen, L. A. (2006). Ultraviolet irradiation induces keratinocyte proliferation and epidermal hyperplasia through the activation of the epidermal growth factor receptor. *Carcinogenesis*, 27(2), 225-231.
- Ettinger, B., Harris, S. T., Kendler, D., et al. [including Gallagher, J. C.]. (2006). Management of osteoporosis in postmenopausal women: 2006 position statement of the North American Menopause Society. *Menopause: The Journal of the North American Menopause Society*, 13(3), 340-367.
-

-
- Evans, S., & Fusaro, R. M. (2005). Central dogma: The clinical view. *Scientist*, 19(16), 9.
- Farrington, K. L., & Morrow, L. E. (2005). Antimicrobial metals: A non-antibiotic approach to nosocomial infections. *Respiratory Therapy*, 18(9), 22-26.
- Filipi, C. J. (2005). Editorial. *Hernia, The Journal of Hernias and Abdominal Wall Surgery*, 9(4), 307.
- Fitzgibbons, R. J. (2005). Hernia management. *Audio Digest*, 52, 24.
- Fitzgibbons, R. J., Giobbie-Hurder, A., Gibbs, J. O., Dunlop, D. D., Reda, D. J., McCarthy, M., Neumayer, L. A., Barkun, J. S. T., Hoehn, J. L., Murphy, J. T., Sarosi, G. A., Syme, W. C., Thompson, J. S., Wang, J., & Jonasson, O. (2006). Watchful waiting versus repair of inguinal hernia in minimally symptomatic men: A randomized clinical trial. *Journal of the American Medical Association*, 295(3), 285-292.
- Fitzgibbons, R. J., & Puri, V. (2006). Laparoscopic inguinal hernia repair. *American Surgeon*, 72(3), 197-206.
- Fitzgibbons Jr., R. J. (2005). Can we be sure polypropylene mesh causes infertility? *Annals of Surgery*, 241(4), 559-561.
- Fitzgibbons Jr., R. J. (2006). New editor-in-chief. *Hernia: The Journal of Hernias and Abdominal Wall Surgery*, 10(5), 373-375.
- Fitzgibbons Jr., R. J., & Amirlak, B. (2006). Hernia repair. In M. J. Zinner Jr. & S. W. Ashley (Eds.), *Maingot's abdominal operations* (11th ed.). New York: McGraw-Hill Publishers.
- Fitzgibbons Jr., R. J., Deeik, R. K., Meneu Díaz, J. C., Martinez-Serna, T., & Moreno Elola-Olaso, A. (2005). Tratamiento alternativo de la coledocolitiasis residual en el manejo laparoscópico de la coledocolitiasis sintomática. In E. Moreno Gonzalez (Ed.), *Actualización en cirugía del aparato digestivo* (pp. 543-546). Madrid, Spain: Jarpyo Editores, SA.
- Fitzgibbons Jr., R. J., & Meneu Díaz, J. C. (2005). Valor de la laparoscopia en la estadificación y tratamiento paliativo del carcinoma de páncreas no resecable. In E. Moreno Gonzalez (Ed.), *Actualización en cirugía del aparato digestivo* (pp. 445-448). Madrid, Spain: Jarpyo Editores, SA.
- Fleming, A., & Frey, D. (2005). Extensive venous thrombosis in a runner: Progression of symptoms key to diagnosis. *Physician and Sports Medicine*, 33(1), 34-36.
- Foster, J. M., Integan, M., Litwin, A., Kuvshinoff, B., & Gibbs, J. F. (2006). The utilization of laparoscopy to diagnose regenerative nodular hyperplasia, the "great masquerader" of liver tumors. *Journal of Gastrointestinal Surgery*, 10(5), 727-733.
- Fremeaux-Bacchi, V., Kemp, E. J., Goodship, J. A., Dragon-Durey, M. A., Strain, L., Loirat, C., Deng, H. W., & Goodship, T. H. J. (2005). The development of atypical haemolytic-uraemic syndrome is influenced by susceptibility factors in factor H and membrane cofactor protein: Evidence from two independent cohorts. *Journal of Medical Genetics*, 42(11), 852-856.
- Frew, A. J., Krishna, M. T., Golden, D. B. K., & Casale, T. B. (2006). Immunotherapy. In S. T. Holgate, M. K. Church, & L. M. Lichtenstein (Eds.), *Allergy* (3rd. ed., pp. 179-187). Philadelphia: Mosby Elsevier.
- Friedman, E., Kotsopoulos, J., Lubinski, J., Lynch, H. T., et al. (2006). Spontaneous and therapeutic abortions and the risk of breast cancer among BRCA mutation carriers. *Breast Cancer Research*, 8(2), R15.

-
- Fritzsch, B., Gregory, D., & Rosa-Molinar, E. (2005). The development of the hindbrain afferent projections in the axolotl: Evidence for timing as a specific mechanism of afferent fiber sorting. *Zoology*, 108(4), 297-306.
- Fritzsch, B., Matei, V. A., Nichols, D. H., Bermingham, N., Jones, K., Beisel, K. W., & Wang, V. Y. (2005). Atoh1 null mice show directed afferent fiber growth to undifferentiated ear sensory epithelia followed by incomplete fiber retention. *Developmental Dynamics*, 233(2), 570-583.
- Fritzsch, B., Muirhead, K. A., Feng, F., Gray, B. D., & Ohlsson-Wilhelm, B. M. (2005). Diffusion and imaging properties of three new lipophilic tracers, NeuroVue (TM) maroon, NeuroVue (TM) red and NeuroVue (TM) green and their use for double and triple labeling of neuronal profile. *Brain Research Bulletin*, 66(3), 249-258.
- Fritzsch, B., Pauley, S., & Beisel, K. W. (2006). Cells, molecules and morphogenesis: The making of the vertebrate ear. *Brain Research*, 1091, 151-171.
- Fritzsch, B., Pauley, S., Feng, F., Matei, V., & Nichols, D. H. (2006). The evolution of the vertebrate auditory system: Transformations of vestibular mechanosensory cells for sound processing is combined with newly generated central processing neurons. *International Journal of Comparative Psychology*, 19, 1-24.
- Fritzsch, B., Pauley, S., Matei, V., Katz, D. M., Xiang, M. Q., & Tessarollo, L. (2005). Mutant mice reveal the molecular and cellular basis for specific sensory connections to inner ear epithelia and primary nuclei of the brain. *Hearing Research*, 206(1-2), 52-63.
- Fritzsch, B., & Piatigorsky, J. (2005). Ancestry of photic and mechanic sensation? *Science*, 308(5725), 1113-1114.
- Fu, Y. C., Bass, J., Amin, Z., Radtke, W., Cheatham, J. P., Hellenbrand, W. E., Balzer, D., Cao, Q. L., & Hijazi, Z. M. (2006). Transcatheter closure of perimembranous ventricular septal defects using the new amplatzer membranous VSD occluder: Results of the U.S. phase I trial. *Journal of the American College of Cardiology*, 47(2), 319-325.
- Fuhrman, J., Shafer, L., Repertinger, S., Chan, T., & Hansen, L. A. (2005). Mechanisms of SEPA 0009-induced tumorigenesis in v-ras(ha) transgenic tg.AC mice. *Toxicologic Pathology*, 33(6), 623-630.
- Fusaro, R. M., & Rice, E. G. (2005). The Maillard reaction for sunlight protection. *Maillard Reaction: Chemistry at the Interface of Nutrition, Aging, and Disease*, 1043, 174-183.
- Galt, K. A., Rule, A. M., Houghton, B., Young, D. Q., & Remington, G. (2005). Personal digital assistant-based drug information sources: Potential to improve medication safety. *Journal of the Medical Library Association*, 93(2), 229-236.
- Garg, N., & Hyder, A. A. (2006). Road traffic injuries in India: A review of the literature. *Scandinavian Journal of Public Health*, 34(1), 100-109.
- Gatalica, Z., & Bing, Z. Y. (2005). Syk tyrosine kinase expression during multistep mammary carcinogenesis. *Croatian Medical Journal*, 46(3), 372-376.
- Gatalica, Z., Velagaleti, G., Kuivaniemi, H., Tromp, G., Palazzo, J., Graves, K. M., Guigneaux, M., Wood, T., Sinha, M., & Luxon, B. (2005). Gene expression profile of an adenomyoepithelioma of the breast with a reciprocal translocation involving chromosomes 8 and 16. *Cancer Genetics and Cytogenetics*, 156(1), 14-22.
- Gaugris, S., Heaney, R. P., Boonen, S., Kurth, H., Bentkover, J. D., & Sen, S. S. (2005). Vitamin D inadequacy among post-menopausal women: A systematic review. *Qjm-an International Journal of Medicine*, 98(9), 667-676.

-
- Gebauer, A., Schultz, C. R., & Giangarra, C. E. (2005). Chronic exercise-induced leg pain in an athlete successfully treated with sympathetic block. *American Journal of Sports Medicine*, 33(10), 1575-1578.
- Gong, G. D., Haynatzki, G., Haynatzka, V., Kosoko-Lasaki, O., Howell, R., Fu, Y., & Gallagher, J. C. (2006). Bone mineral density-affecting genes in Africans. *Journal of the National Medical Association*, 98(7), 1102-1108.
- Gong, G., Haynatzki, G., Haynatzka, V., Kosoko-Lasaki, S., Howell, R., Fu, Y. X., Gallagher, J. C., & Wilson, M. R. (2006). Response of bone mineral density to environmental exposure in African immigrants in the United States. *Journal of the National Medical Association*, 98(5), 746-752.
- Govindarajan, V., Harrison, W. R., Xiao, N. N., Liang, D. C., & Overbeek, P. A. (2005). Intracorneal positioning of the lens in Pax6-GAL4/VP16 transgenic mice. *Molecular Vision*, 11(103-4), 876-886.
- Govindarajan, V., & Overbeek, P. A. (2006). FGF9 can induce endochondral ossification in cranial mesenchyme. *BMC Developmental Biology*, 6, 7.
- Gronwald, J., Tung, N., Foulkes, W. D., et al. [including Lynch, H.]. (2006). Tamoxifen and contralateral breast cancer in BRCA1 and BRCA2 carriers: An update. *International Journal of Cancer*, 118(9), 2281-2284.
- Guo, J. J., Liu, Y. J., Li, M. X., Yang, Y. J., Recker, R. R., & Deng, H. W. (2005). Linkage exclusion analysis of two candidate regions on chromosomes 7 and 11: Leptin and UCP2/UCP3 are not QTLs for obesity in U.S. Caucasians. *Biochemical and Biophysical Research Communications*, 332(2), 602-608.
- Guo, Y., Shen, H., Xiao, P., Xiong, D. H., Yang, T. L., Guo, Y. F., Long, J. R., Recker, R. R., & Deng, H. W. (2006). Genomewide linkage scan for quantitative trait loci underlying variation in age at menarche. *Journal of Clinical Endocrinology and Metabolism*, 91(3), 1009-1014.
- Guo, Y., Zhao, L. J., Shen, H., Guo, Y., & Deng, H. W. (2005). Genetic and environmental correlations between age at menarche and bone mineral density at different skeletal sites. *Calcified Tissue International*, 77(6), 356-360.
- Hai, T., Yeung, M. L., Wood, T. G., Wei, Y. F., Yamaoka, S., Gatalica, Z., Jeang, K. T., & Brasier, A. R. (2006). An alternative splice product of I kappa B kinase (IKK gamma), IKK gamma-delta, differentially mediates cytokine and human T-cell leukemia virus type 1 tax-induced NF-kappa B activation. *Journal of Virology*, 80(9), 4227-4241.
- Hallworth, R., Currall, B., Nichols, M. G., Wu, X. D., & Zuo, J. (2006). Studying inner ear protein-protein interactions using FRET and FLIM. *Brain Research*, 1091, 122-131.
- Hamir, A. N., Kunkle, R. A., Miller, J. M., Bartz, J. C., & Richt, J. A. (2006). First and second cattle passage of transmissible mink encephalopathy by intracerebral inoculation. *Veterinary Pathology*, 43(2), 118-126.
- Hansen, T. P., & Sarma, D. P. (2006). Multiple subcutaneous nodules associate with mycobacterium abscessus infection following removal of an infected groshon vascular catheter tip. *Dermatology Online Journal*, 12(4)
- Hanson, N. D., Hossain, A., Buck, L., Moland, E. S., & Thomson, K. S. (2006). First occurrence of a *Pseudomonas aeruginosa* isolate in the United States producing an IMP metallo-beta-lactamase, IMP-18. *Antimicrobial Agents and Chemotherapy*, 50(6), 2272-2273.
- He, D. Z. Z., Zheng, J., Kalinec, F., Kakehata, S., & Santos-Sacchi, J. (2006). Tuning in to the amazing outer hair cell: Membrane wizardry with a twist and shout. *Journal of Membrane Biology*, 209(2/3), 119-134.
-

-
- Heaney, R. P. (2005). BMD: The problem. *Osteoporosis International*, 16(9), 1013-1015.
- Heaney, R. P. (2005). Foreword. *Journal of Reproductive Medicine*, 50(11), 877-878.
- Heaney, R. P. (2005). Measuring calcium absorption. *American Journal of Clinical Nutrition*, 81(6), 1451.
- Heaney, R. P. (2005). Measuring what isn't there. *Clinical Chemistry*, 51(11), 2003-2004.
- Heaney, R. P. (2005). Nutrition and osteoporosis. In H. W. Deng (Ed.), *Current topics in osteoporosis* (pp. 67-117). Singapore: World Scientific Publication Company.
- Heaney, R. P. (2005). To D or not to D. *BoneKEy-Osteovision*, 2(6), 28-31.
- Heaney, R. P. (2005). The vitamin D requirement in health and disease. *Journal of Steroid Biochemistry and Molecular Biology*, 97(1-2), 13-19.
- Heaney, R. P. (2006). Alendronate plus cholecalciferol for the treatment of osteoporosis. *Women's Health*, 2(1), 23-27.
- Heaney, R. P. (2006). Barriers to optimizing vitamin D-3 intake for the elderly. *Journal of Nutrition*, 136(4), 1123-1125.
- Heaney, R. P. (2006). Bone as the calcium nutrient reserve. In C. M. Weaver & R. P. Heaney (Eds.), *Calcium in human health* (pp. 7-12). Totowa: Humana Press.
- Heaney, R. P. (2006). The calcium economy. In C. M. Weaver & R. P. Heaney (Eds.), *Calcium in human health* (pp. 145-162). Totowa: Humana Press.
- Heaney, R. P. (2006). Calcium in systemic human health. In C. M. Weaver & R. P. Heaney (Eds.), *Calcium in human health* (pp. 313-317). Totowa: Humana Press.
- Heaney, R. P. (2006). Low calcium intake among African Americans: Effects on bones and body weight. *Journal of Nutrition*, 136(4), 1095-1098.
- Heaney, R. P. (2006). Nutrition and chronic disease. *Mayo Clinic Proceedings*, 81(3), 297-299.
- Heaney, R. P. (2006). Requirements for what endpoint. In C. M. Weaver & R. P. Heaney (Eds.), *Calcium in human health* (pp. 97-104). Totowa: Humana Press.
- Heaney, R. P. (2006). Role of dietary sodium in osteoporosis. *Journal of the American College of Nutrition*, 25(3), 271S-276S.
- Heaney, R. P. (2006, 18 February). Milk is one of best sources of many nutrients [editorial]. *Chicago Tribune*, p. 24.
- Heaney, R. P. (2006, 27 February). On calcium studies [Public Pulse]. *Omaha World-Herald*.
- Heaney, R. P., & Bachmann, G. A. (2005). Interpreting studies of nutritional prevention: A perspective using calcium as a model. *Journal of Women's Health*, 14(10), 889-897.
- Heaney, R. P., Carey, R., & Harkness, L. (2005). For your information. Roles of vitamin D, n-3 polyunsaturated fatty acid, and soy isoflavones in bone health. *Journal of the American Dietetic Association*, 105(11), 1700-1702.
- Heaney, R. P., & Rafferty, K. (2006). Assessing nutritional quality. *American Journal of Clinical Nutrition*, 83(3), 722-723.

-
- Heaney, R. P., Rafferty, K., & Bierman, J. (2005). Not all calcium-fortified beverages are equal. *Nutrition Today*, 40(1), 39-44.
- Heaney, R. P., Rafferty, K., & Davies, K. M. (2005). Letter re: Long-term persistence of the urine calcium-lowering effect of potassium bicarbonate in postmenopausal women. *Journal of Clinical Endocrinology and Metabolism*, 90(7), 4417.
- Heaney, R. P., & Recker, R. R. (2005). Combination and sequential therapy for osteoporosis. *New England Journal of Medicine*, 353(6), 624-625.
- Heaney, R. P., Valent, D. J., & Barton, I. P. (2006). Hospitalization-related bone loss and the protective effect of risedronate. *Osteoporosis International*, 17(2), 212-216.
- Heaney, R. P., & Weaver, C. M. (2005). Newer perspectives on calcium nutrition and bone quality. *Journal of the American College of Nutrition*, 24(6), 574S-581S.
- Herédi-Szabó, K., Murphy, R. F., & Lovas, S. (2006). Antiproliferative effect of lamprey gonadotropin-releasing hormone III on cancer cells from non-reproductive organs. *Understanding Biology Using Peptides. Proceedings of the Nineteenth American Peptide Symposium*, 781-782.
- Herédi-Szabó, K., Murphy, R. F., & Lovas, S. (2006). Different signal responses to lamprey GnRH-III in human cancer cells. *International Journal of Peptide Research and Therapeutics*, 12(4), 359-364
- Herédi-Szabó, K., Murphy, R. F., & Lovas, S. (2006). Is IGnRH-III the most potent GnRH analog containing only natural amino acids, that specifically inhibits the growth of human breast cancer cells? *Journal of Peptide Science*, 12(11), 714-720.
- Hesdorffer, D. C., Tian, H., Anand, K., Hauser, W. A., Ludvigsson, P., Olafsson, E., & Kjartansson, O. (2005). Socioeconomic status is a risk factor for epilepsy in Icelandic adults but not in children. *Epilepsia*, 46(8), 1297-1303.
- Hilleman, D. E., Hunter, C. B., Mohiuddin, S. M., & Maciejewski, S. (2005). Creighton University Cardiac Center, Omaha, NE, USA: Pharmacological management of atrial fibrillation following cardiac surgery. *American Journal of Cardiovascular Drugs*, 5(6), 361-369.
- Hopp, R. J. (2005). Atopic characteristics of children with recurrent wheezing at high risk for development of childhood asthma. *Journal of Allergy and Clinical Immunology*, 116(4), 930-931.
- Hopp, R. J. (2006). In my opinion: Interview with an expert. *Pediatric Asthma, Allergy and Immunology*, 19, 77-80.
- Hopp, R. J., & Townley, R. G. (2006). The origins and characteristics of asthma. In M. E. Gershwin & T. Albertson (Eds.), *Bronchial asthma: A guide to practical understanding and treatment* (5th ed., pp. 3-28). Totowa, NJ: Humana Press.
- Hopp, R. J., & Westfall, N. (2005). Prevalence of peanut allergy in Omaha, Nebraska public schools grades K-8. *Nebraska Pediatrician*, 18(Fall), 6-7.
- Houtz, L. E., & Kosoko-Lasaki, O. (2006). Creighton collaborative health professions partnership initiative: Results of a successful collaboration. *Academic Medicine*, 81(6), S28-S31.
- Hu, S., Song, Q. B., Yao, P. F., Hu, Q. L., Hu, P. J., Zeng, Z. R., Pang, R. P. (2005). No relationship between IL-1B gene polymorphism and gastric acid secretion in younger healthy volunteers. *World Journal of Gastroenterology*, 11(41), 6549-6553.

-
- Huang, Q. Y., Shen, H., Deng, H. Y., Conway, T., Elze, L., Davies, K. M., Recker, R. R., & Deng, H. W. (2006). CA repeat polymorphism of the TNFR2 gene is not associated with bone mineral density in two independent caucasian populations. *Journal of Bone and Mineral Metabolism*, 24(2), 132-137.
- Hughes, D. J., Ginolhac, S. M., Coupier, I., et al. [including Lynch, H. T.]. (2005). Breast cancer risk in BRCA1 and BRCA2 mutation carriers and polyglutamine repeat length in the AIB1 gene. *International Journal of Cancer*, 117(2), 230-233.
- Hughes, D. J., Ginolhac, S. M., Coupier, I., et al. [including Lynch, H. T.]. (2005). Common BRCA2 variants and modification of breast and ovarian cancer risk in BRCA1 mutation carriers. *Cancer Epidemiology Biomarkers and Prevention*, 14(1), 265-267.
- Humphrey, C., Duncan, K., & Fletcher, S. (2006). Decade of experience with vascular rings at a single institution. *Pediatrics*, 117(5), E903-E908.
- Ionete, C., & Omojola, M. (2006). MR angiographic demonstration of bilateral duplication of the extracranial vertebral artery: Unusual course and review of the literature. *American Journal of Neuroradiology*, 27(6), 1304-1306.
- Iqbal, A., Haider, M., Desai, K., Garg, N., Kavan, J., Mittal, S., & Filipi, C. J. (2006). Technique and follow-up of minimally invasive Heller myotomy for achalasia. *Surgical Endoscopy and Other Interventional Techniques*, 20(3), 394-401.
- Iqbal, A., Kakarlapudi, G. V., Awad, Z. T., Haynatzki, G., Turaga, K. K., Karu, A., Fritz, K., Haider, M., Mittal, S. K., & Filipi, C. J. (2006). Assessment of diaphragmatic stressors as risk factors for symptomatic failure of laparoscopic Nissen fundoplication. *Journal of Gastrointestinal Surgery*, 10(1), 12-21.
- Iqbal, A., Salinas, V., & Filipi, C. J. (2006). Endoscopic therapies of gastroesophageal reflux disease. *World Journal of Gastroenterology*, 12(17), 2641-2655.
- Iqbal, A., Tierney, B., Haider, M., Salinas, V. K., Karu, A., Turaga, K. K., Mittal, S. K., & Filipi, C. J. (2006). Laparoscopic re-operation for failed Heller myotomy. *Diseases of the Esophagus*, 19(3), 193-199.
- Jansen, J. A., McCarthy, T. J., Soukup, G. A., & Soukup, J. K. (2006). Backbone and nucleobase contacts to glucosamine-6-phosphate in the glmS ribozyme. *Nature Structural and Molecular Biology*, 13(6), 517-523.
- Jatoi, A., Alberts, S. R., Foster, N., Morton, R., Burch, P., Block, M., Nguyen, P. L., & Kugler, J. (2005). Is bortezomib, a proteasome inhibitor, effective in treating cancer-associated weight loss? Preliminary results from the North Central Cancer Treatment Group. *Supportive Care in Cancer*, 13(6), 381-386.
- Jia, S. P., & He, D. Z. Z. (2005). Motility-associated hair-bundle motion in mammalian outer hair cells. *Nature Neuroscience*, 8(8), 1028-1034.
- Jian, W. X., Yang, Y. J., Long, J. R., Li, Y. N., Deng, F. Y., Jiang, D. K., & Deng, H. W. (2005). Estrogen receptor alpha gene relationship with peak bone mass and body mass index in Chinese nuclear families. *Journal of Human Genetics*, 50(9), 477-482.
- Johnson, L., Luke, A., Deng, H. W., Mitchell, B. D., Comuzzie, A. G., Cole, S. A., Blangero, J., Perola, M., & Teare, M. D. (2005). Meta-analysis of five genome-wide linkage studies for body mass index reveals significant evidence for linkage to chromosome 8p. *International Journal of Obesity*, 29(7), 878.
- Johnson, M. L., & Summerfield, D. T. (2005). Parameters of LRP5 from a structural and molecular perspective. *Critical Reviews in Eukaryotic Gene Expression*, 15(3), 229-242.
-

-
- Jonasson, O., & Fitzgibbons, R. J. (2006). Repair of inguinal hernia versus watchful waiting [Reply]. *Journal of the American Medical Association*, 295(23), 2725.
- Jones, D. H., Silberstein, P. T., Lynch, H., & Ternet, C. (2005). Regression of colorectal adenomas with intravenous cytotoxic chemotherapy in a patient with familial adenomatous polyposis. *Journal of Clinical Oncology*, 23(25), 6278-6280.
- Kanno, T., Kim, K., Kono, K., Drescher, K. M., Chapman, N. M., & Tracy, S. (2006). Group B coxsackievirus diabetogenic phenotype correlates with replication efficiency. *Journal of Virology*, 80(11), 5637-5643.
- Karas, K., Brauer, P., & Petzel, D. (2005). Actin redistribution in mosquito malpighian tubules after a blood meal and cyclic AMP stimulation. *Journal of Insect Physiology*, 51(9), 1041-1054.
- Kavan, M. G. (2006). Multiple somatic complaints: Generalized anxiety disorder. In R. E. Rakel (Ed.), *Essential family medicine: Fundamentals and case studies* (pp. 655-667). Philadelphia: W. B. Saunders/Elsevier.
- Khalil, D. A., Lucas, E. A., Smith, B. J., Soung, D. Y., Devareddy, L., Juma, S., Akhter, M. P., Recker, R., & Arjmandi, B. H. (2005). Soy isoflavones may protect against orchidectomy-induced bone loss in aged male rats. *Calcified Tissue International*, 76(1), 56-62.
- Khan, G. A., Bhattacharya, G., Mailander, P. C., Meza, J. L., Hansen, L. A., & Chakravarti, D. (2005). Harvey-ras gene expression and epidermal cell proliferation in dibenzo[a,l]pyrene-treated early preneoplastic SENCAR mouse skin. *Journal of Investigative Dermatology*, 125(3), 567-574.
- Khan, O. Y., Fu, G. L., Ismail, A., Srinivasan, S., Cao, X. N., Tu, Y. P., Lu, S., & Nawaz, Z. (2006). Multifunction steroid receptor coactivator, E6-associated protein, is involved in development of the prostate gland. *Molecular Endocrinology*, 20(3), 544-559.
- Kimberling, W. J. (2005). Estimation of the frequency of occult mutations for an autosomal recessive disease in the presence of genetic heterogeneity: Application to genetic hearing loss disorders. *Human Mutation*, 26(5), 462-470.
- King, M. L., Williams, M. A., & Fletcher, G. F. (2005). Medical director responsibilities for cardiac rehabilitation/secondary prevention programs. *Circulation*, 112, 3354-3360.
- Kissell, J. (2005). The vulnerability quagmire in international research. *Human Rights and Health Care*, 26(6), 515-528.
- Kissell, J. L. (2005). Suspended animation, cultural discernment and the surprising importance of my mother's brother: Considerations for genetic research among immigrants. *Theoretical Medicine and Bioethics*, 26(6), 515-528.
- Kobor, J., Javid, A., & Omojola, M. (2005). Cerebellar hypoperfusion in infantile neuroaxonal dystrophy. *Pediatric Neurology*, 32, 137-139.
- Kohen, R., Kirov, S., Navaja, G. P., Happe, H. K., Hamblin, M. W., Snoddy, J. R., Neumaier, J. F., & Petty, F. (2005). Gene expression profiling in the hippocampus of learned helpless and nonhelpless rats. *Pharmacogenomics Journal*, 5(5), 278-291.
- Kollef, M. H., Morrow, L. E., Niederman, M. S., Leeper, K. V., Anzueto, A., Benz-Scott, L., & Rodino, F. J. (2006). Clinical characteristics and treatment patterns among patients with ventilator-associated pneumonia. *Chest*, 129(5), 1210-1218.
- Kondo, D. G., & Sokol, M. S. (2006). Eating disorders in primary care: A guide to identification and treatment. *Postgraduate Medicine*, 119(3), 59-65.

-
- Korlakunta, H. L., Thambidorai, S. K., Denney, S. D., & Khan, I. A. (2005). Transient left ventricular apical ballooning: A novel heart syndrome. *International Journal of Cardiology, 102*(2), 351-353.
- Kosoko-Lasaki, O., Cook, C. T., O'Brien, R., Kissell, J. L., Purtilo, R., & Peak, F. (2006). Promoting cultural proficiency in researchers to enhance the recruitment and participation of minority populations in research. Part 1: Development and refinement of survey instruments. *Evaluation and Program Planning, 29*(3), 227-235.
- Kosoko-Lasaki, O., Gong, G., Haynatzki, G., & Wilson, M. R. (2006). Race, ethnicity and prevalence of primary open angle glaucoma. *Journal of the National Medical Association, 98*(10), 1626-1629.
- Kosoko-Lasaki, O., Sonnino, R. E., & Voytko, M. L. (2006). Mentoring for women and under-represented minority faculty and students: Experience at two institutions of higher education. *Journal of the National Medical Association, 98*(9), 1449-1459.
- Kostis, J. B., Kim, H. J., Rusnak, J., Casale, T., Kaplan, A., Corren, J., & Levy, E. (2005). Incidence and characteristics of angioedema associated with enalapril. *Archives of Internal Medicine, 165*(14), 1637-1642.
- Kotsopoulos, J., Lubinski, J., Lynch, H. T., et al. (2005). Age at menarche and the risk of breast cancer in BRCA1 and BRCA2 mutation carriers. *Cancer Causes and Control, 16*(6), 667-674.
- Kotsopoulos, J., Lubinski, J., Neuhausen, S. L., Lynch, H. T., et al. (2006). Hormone replacement therapy and the risk of ovarian cancer in BRCA1 and BRCA2 mutation carriers. *Gynecologic Oncology, 100*(1), 83-88.
- Kotsopoulos, J., Olopado, O. I., Ghadirian, P., Lubinski, J., Lynch, H. T., et al. (2005). Changes in body weight and the risk of breast cancer in BRCA1 and BRCA2 mutation carriers. *Breast Cancer Research, 7*(5), R833-R843.
- Kriatchko, A. N., Anderson, D. K., & Swanson, P. C. (2006). Identification and characterization of a gain-of-function RAG-1 mutant. *Molecular and Cellular Biology, 26*(12), 4712-4728.
- Krueger, K. D., Mitra, A. K., Del Core, M. G., Hunter, W. J., & Agrawal, D. K. (2006). A comparison of stent-induced stenosis in coronary and peripheral arteries. *Journal of Clinical Pathology, 59*(6), 575-579.
- Kugler, J. D., & Erickson, C. C. (2006). Nontransvenous implantable cardioverter defibrillator systems: Not just for small pediatric patients. *Journal of Cardiovascular Electrophysiology, 17*(1), 47-48.
- Lakkireddy, D., Valasareddi, S., Ryschon, K., Basarkodu, K., Rovang, K., Mohiuddin, S. M., Hee, T., Schweikert, R., Tchou, P., Wilkoff, B., Natale, A., & Li, H. G. (2005). The impact of povidone-iodine pocket irrigation use on pacemaker and defibrillator infections. *Pace-Pacing and Clinical Electrophysiology, 28*(8), 789-794.
- Lakkireddy, D. R., Bhakkad, J., Korlakunta, H. L., Ryschon, K., Shen, X. D., Mooss, A. N., & Mohiuddin, S. M. (2005). Prognostic value of the Duke treadmill score in diabetic patients. *American Heart Journal, 150*(3), 516-521.
- Lalithakumari, K., Krishnaraju, A., Sengupta, K., Subbaraju, G. V., & Chatterjee, A. (2006). Safety and toxicological evaluation of a novel, standardized 3-O-acetyl-11-keto-beta-boswellic acid (AKBA)-enriched boswellia serrata extract (5-loxin (R)). *Toxicology Mechanisms and Methods, 16*(4), 199-226.
- Lambert, D. M., Marceau, S., & Forse, R. A. (2005). Intra-abdominal pressure in the morbidly obese. *Obesity Surgery, 15*(9), 1225-1232.
- Lanspa, T. J., Williams, M. A., & Heirigs, R. L. (2005). Effectiveness of ulnar artery catheterization after failed attempt to cannulate a radial artery. *American Journal of Cardiology, 95*(12), 1529-1530.
-

-
- Lauer, M., Froelicher, E. S., Williams, M., & Kligfield, P. (2005). Exercise testing in asymptomatic adults. *Circulation*, 112, 771-776.
- Ledford, C. H., Headly, A., Hoellein, A., Houghton, B., Morschhauser, S., Picchioni, M., Pokala, S., Speer, A., & Whelton, S. (2006). Annual review of medical education articles in internal medicine journals (2004-2005). *Teaching and Learning in Medicine*, 18(3), 273-276.
- Lee, C. K., Kono, K., Haas, E., Kim, K. S., Drescher, K. M., Chapman, N. M., & Tracy, S. (2005). Characterization of an infectious cDNA copy of the genome of a naturally occurring, avirulent coxsackievirus B3 clinical isolate. *Journal of General Virology*, 86, 197-210.
- Lei, S. F., Liu, M. Y., Chen, X. D., et al. [including Deng, H. W.]. (2006). Relationship of total body fatness and five anthropometric indices in Chinese aged 20-40 years: Different effects of age and gender. *European Journal of Clinical Nutrition*, 60(4), 511-518.
- Lei, S. F., Liu, Y. Z., Deng, F. Y., Li, Y. M., Li, M. X., & Deng, H. W. (2005). Association and linkage analyses of interleukin-6 gene 634C/G polymorphism and bone phenotypes in Chinese. *Journal of Bone and Mineral Metabolism*, 23(4), 323-328.
- Lei, S. F., Wang, Y. B., Liu, M. Y., Mo, X. Y., & Deng, H. W. (2005). The VDR, COL1A1, PTH, and PTHR1 gene polymorphisms are not associated with bone size and height in Chinese nuclear families. *Journal of Bone and Mineral Metabolism*, 23(6), 501-505.
- Lei, S. F., Zhang, Y. Y., Deng, F. Y., Liu, M. Y., Liu, X. H., Zhou, X. G., & Deng, H. W. (2005). Bone mineral density and five prominent candidate genes in Chinese men: Associations, interaction effects and their implications. *Maturitas*, 51(2), 199-206.
- LePage, K. T., Ishmael, J. E., Low, C. M., Traynelis, S. F., & Murray, T. F. (2005). Differential binding properties of [3H]dextrorphan and [3H]MK-801 in heterologously expressed NMDA receptors. *Neuropharmacology*, 49(1), 1-16.
- Li, G. C., & Wang, Z. Y. (2006). Constitutive expression of RbAp46 induces epithelial-mesenchymal transition in mammary epithelial cells. *Anticancer Research*, 26(5A), 3555-3560.
- Li, G. C., & Wang, Z. Y. (2006). Retinoblastoma suppressor associated protein 46(RbAp46) attenuates the b-catenin/TCF signaling through upregulation of GSK-3b expression. *Anticancer Research*, 26(6B), 4511-4518.
- Li, H., Lakkireddy, D., Korlakunta, H., Rovang, K., & Hee, T. (2005). Pacemaker utilization during permanent atrial fibrillation in patients who received pacemaker implantation for sinus node dysfunction. *American Journal of Cardiology*, 96(7), 942-945.
- Li, H. G. (2006). Can we use a pacemaker to identify the trigger and substrate of atrial fibrillation? *Heart Rhythm*, 3(6), 689-690.
- Li, J., & Deng, H. W. (2005). Estimation of the rate and effects of deleterious genomic mutations in finite populations with linkage disequilibrium. *Heredity*, 95(1), 59-68.
- Li, J. L., Li, M. X., Deng, H. Y., Duffy, P. E., & Deng, H. W. (2005). PhD: A web database application for phenotype data management. *Bioinformatics*, 21(16), 3443-3444.
- Linask, K. K., Han, M. D., Cai, D. H., Brauer, P. R., & Maisastry, S. M. (2005). Cardiac morphogenesis: Matrix metalloproteinase coordination of cellular mechanisms underlying heart tube formation and directionality of looping. *Developmental Dynamics*, 233(3), 739-753.
- Lister, P. D. (2006). The role of pharmacodynamic research in the assessment and development of new antibacterial drugs. *Biochemical Pharmacology*, 71(7), 1057-1065.
-

-
- Lister, P. D., & Wolter, D. J. (2005, February 15). Levofloxacin-imipenem combination prevents the emergence of resistance among clinical isolates of *Pseudomonas aeruginosa*. *Clinical Infectious Diseases*, 40(Suppl. 2), S105-S114.
- Lister, P. D., Wolter, D. J., Wickman, P. A., & Reisbig, M. D. (2006). Levofloxacin/imipenem prevents the emergence of high-level resistance among *Pseudomonas aeruginosa* strains already lacking susceptibility to one or both drugs. *Journal of Antimicrobial Chemotherapy*, 57(5), 999-1003.
- Liu, Y. J., Liu, P. Y., Long, J. R., Lu, Y., Elze, L., Recker, R. R., & Deng, H. W. (2005). Linkage and association analyses of the UCP3 gene with obesity phenotypes in Caucasian families. *Physiological Genomics*, 22(2), 197-203.
- Liu, Y. Z., Dvornyk, V., Lu, Y., Shen, H., Lappe, J. M., Recker, R. R., & Deng, H. W. (2005). A novel pathophysiological mechanism for osteoporosis suggested by an *in vivo* gene expression study of circulating monocytes. *Journal of Biological Chemistry*, 280(32), 29011-29016.
- Liu, Y. Z., Xiao, P., Guo, Y. F., Xiong, D. H., Zhao, L. J., Shen, H., Liu, Y. J., Dvornyk, V., Long, J. R., Deng, H. Y., Li, J. L., Recker, R. R., & Deng, H. W. (2006). Genetic linkage of human height is confirmed to 9q22 and Xq24. *Human Genetics*, 119(3), 295-304.
- Liu, Z. F., Kharmate, G., Patterson, E., & Khan, M. M. (2006). Role of H-1 receptors in histamine-mediated up-regulation of STAT4 phosphorylation. *International Immunopharmacology*, 6(3), 485-493.
- Long, J. R., Liu, P. Y., Lu, Y., Dvornyk, V., Xiong, D. H., Zhao, L. J., & Deng, H. W. (2005). Tests of linkage and/or association of TGF-beta 1 and COL1A1 genes with bone mass. *Osteoporosis International*, 16(1), 86-92.
- Long, J. R., Xu, H., Zhao, L. J., Liu, P. Y., Shen, H., Liu, Y. J., Xiong, D. H., Xiao, P., Liu, Y. Z., Dvornyk, V., Li, J. L., Recker, R. R., & Deng, H. W. (2005). The oestrogen receptor alpha gene is linked and/or associated with age of menarche in different ethnic groups. *Journal of Medical Genetics*, 42(10), 796-800.
- Lou, X. Y., Ma, J. Z., Yang, M. C. K., Zhu, Y., Liu, P. Y., Deng, H. W., Elston, R. C., & Li, M. D. (2006). Improvement of mapping accuracy by unifying linkage and association analysis. *Genetics*, 172(1), 647-661.
- Lovas, S., Marai, C. N. J., Borics, A., & Murphy, R. F. (2005). The influence of radical formation on the conformation of the amyloid peptide fragment (25-35). *Peptides 2004: Bridges Between Disciplines. Proceedings of the Third International and Twenty-Eight European Peptide Symposium*, 744-745.
- Lu, Y., Liu, P. Y., Xiao, P., & Deng, H. W. (2005). Hotelling's T-2 multivariate profiling for detecting differential expression in microarrays. *Bioinformatics*, 21(14), 3105-3113.
- Lund, R. J., Davies, M. R., Mathew, S., & Hruska, K. A. (2006). New discoveries in the pathogenesis of renal osteodystrophy. *Journal of Bone and Mineral Metabolism*, 24(2), 169-171.
- Lynch, H. T. (2005). Introduction. *Familial Cancer*, 4(3), 209-210.
- Lynch, H. T. (2006). Oncogenetics and interdisciplinary collaborations: Essential for progress. *Familial Cancer*, 5(1), 1.
- Lynch, H. T., Boland, C. R., Gong, G., Shaw, T. G., Lynch, P. M., Fodde, R., Lynch, J. F., & de la Chapelle, A. (2006). Phenotypic and genotypic heterogeneity in the Lynch syndrome: Diagnostic, surveillance and management implications. *European Journal of Human Genetics*, 14(4), 390-402.

-
- Lynch, H. T., de la Chapelle, A., Hampel, H., Wagner, A., Fodde, R., Lynch, J. F., Okimoto, R., Clark, M. B., Coronel, S., Trowonou, A., Fu, Y. X., Haynatzki, G. R., & Gong, G. (2006). American founder mutation for Lynch syndrome: Prevalence estimates and implications. *Cancer*, *106*(2), 448-452.
- Lynch, H. T., Deters, C. A., Lynch, J. F., & Brand, R. (2006). Genetic disorders associated with exocrine and endocrine pancreatic tumors. In P. M. Pour (Ed.), *Toxicology of the pancreas* (pp. 491-518). Boca Raton, FL: CRC Press.
- Lynch, H. T., Grady, W., Suriano, G., & Huntsman, D. (2005). Gastric cancer: New genetic developments. *Journal of Surgical Oncology*, *90*(3), 114-133.
- Lynch, H. T., Jass, J., Lynch, J. F., & Attard, T. (2005). Hereditary colorectal cancer: An updated review. Part I: Hereditary polyposis syndromes. *Gastroenterology and Hepatology*, *1*, 39-48.
- Lynch, H. T., Jass, J., Lynch, J. F., & Attard, T. (2005). Hereditary colorectal cancer: An updated review. Part II: Lynch syndrome (hereditary nonpolyposis colorectal cancer). *Gastroenterology and Hepatology*, *1*, 117-127.
- Lynch, H. T., & Lynch, J. F. (2005). What the physician needs to know about Lynch syndrome: An update ... including commentary by S. B. Gruber, J. M. Jeter, J. A. Douglas, C. J. Pendergrass, and C. A. Griffin. *Oncology*, *19*(4), 455-64, 466, 469 passim.
- Lynch, H. T., & Lynch, J. F. (2006). Genetics, natural history, and DNA-based counseling in hereditary breast cancer. In D. J. Winchester, D. P. Winchester, C. A. Hudis, & L. Norton (Eds.), *Breast cancer* (2nd ed., pp. 61-82). Hamilton, Ontario: B. C. Decker.
- Lynch, H. T., & Lynch, P. M. (2005). Molecular screening for the Lynch syndrome: Better than family history? *New England Journal of Medicine*, *352*(18), 1920-1922.
- Lynch, H. T., Snyder, C., Lynch, J. F., Karatoprakli, P., Trowonou, A., Metcalfe, K., Narod, S. A., & Gong, G. (2006). Patient responses to the disclosure of BRCA mutation tests in hereditary breast-ovarian cancer families. *Cancer Genetics and Cytogenetics*, *165*(2), 91-97.
- Ma, Y. F. L., Zeng, Q. Q., Donley, D. W., Ste-Marie, L. G., Gallagher, J. C., Dalsky, G. P., Marcus, R., & Eriksen, E. F. (2006). Teriparatide increases bone formation in modeling and remodeling osteons and enhances IGF-II immunoreactivity in postmenopausal women with osteoporosis. *Journal of Bone and Mineral Research*, *21*(6), 855-864.
- Maciejewski, S., Mohiuddin, S. M., Packard, K. A., Mooss, A. N., Reyes, A. P., Aryana, A., & Hilleman, D. E. (2006). Randomized, double-blind, crossover comparison of amlodipine and valsartan in African-Americans with hypertension using 24-hour ambulatory blood pressure monitoring. *Pharmacotherapy*, *26*(7), 889-895.
- Maeda, N., Kasukawa, T., Oyama, R., et al. [including Beisel, K. W.]. (2006). Transcript annotation in FANTOM3: Mouse gene catalog based on physical cDNAs. *Plos Genetics*, *2*(4), 498-503.
- Marcil, W. A., & Petty, F. (2005). Duloxetine associated with smoking cessation. *Annals of Pharmacotherapy*, *39*(9), 1578-1579.
- Marcus, D. C., Liu, J. A., Lee, J.H., Scherer, E. Q., Scofield, M. A., & Wangemann, P. (2005). Apical P2Y4 purinergic receptor controls K⁺ secretion by strial marginal cell epithelium. *Cell Communication and Signaling*, *3*, 13-21.
- Marsh, R. F., Kincaid, A. E., Bessen, R. A., & Bartz, J. C. (2005). Interspecies transmission of chronic wasting disease prions to squirrel monkeys (*Saimiti sciureus*). *Journal of Virology*, *79*(21), 13794-13796.

Matei, V., Pauley, S., Kaing, S., Rowitch, D., Beisel, K. W., Morris, K., Feng, F., Jones, K., Lee, J., & Fritzsche, B. (2005). Smaller inner ear sensory epithelia in Neurog1 null mice are related to earlier hair cell cycle exit. *Developmental Dynamics*, 234(3), 633-650.

Matei, V. A., Feng, F., Pauley, S., Beisel, K. W., Nichols, M. G., & Fritzsche, B. (2006). Near-infrared laser illumination transforms the fluorescence absorbing X-gal reaction product BCI into a transparent, yet brightly fluorescent substance. *Brain Research Bulletin*, 70(1), 33-43.

McCarron, D., & Heaney, R. P. (2006). Calcium and phosphate control in patients with renal disease. In C. M. Weaver & R. P. Heaney (Eds.), *Calcium in human health* (pp. 411-420). Totowa: Humana Press.

McCarthy, M., Chang, C. H., Pickard, A. S., Globbie-Hurder, A., Price, D. D., Jonasson, O., Gibbs, J., Fitzgibbons, R., & Neumayer, L. (2005). Visual analog scales for assessing surgical pain. *Journal of the American College of Surgeons*, 201(2), 245-252.

McCarthy, M., Jonasson, O., Chang, C. H., Pickard, A. S., Giobbie-Hurder, A., Gibbs, J., Edelman, P., Fitzgibbons, R., & Neumayer, L. (2005). Assessment of patient functional status after surgery. *Journal of the American College of Surgeons*, 201(2), 171-178.

McCarthy, T. J., Plog, M. A., Floy, S. A., Jansen, J. A., Soukup, J. K., & Soukup, G. A. (2005). Ligand requirements for glmS ribozyme self-cleavage. *Chemistry and Biology*, 12(11), 1221-1226.

Memon, M. A., & Fitzgibbons Jr., R. J. (2005). Laparoscopic inguinal hernia repair: Transabdominal preperitoneal and totally extraperitoneal. In E. H. Scott-Conner (Ed.), *The SAGES manual: Fundamentals of laparoscopy and GI endoscopy* (2nd ed., pp. 467-481). New York: Springer-Verlag.

Metcalfe, K. A., Foulkes, W. D., Lynch, H. T., Ghadirian, P., Tung, N., Olivotto, I. A., Warner, E., Olopade, O., Eisen, A., Weber, B., McLennan, J., Sun, P., & Narod, S. A. (2005). Effect of prior bilateral oophorectomy on the presentation of breast cancer in BRCA1 and BRCA2 mutation carriers. *Hereditary Cancer in Clinical Practice*, 3, 53-57.

Metcalfe, K. A., Lynch, H. T., Ghadirian, P., Tung, N., Olivotto, I. A., Foulkes, W. D., Warner, E., Olopade, O., Eisen, A., Weber, B., McLennan, J., Sun, P., & Narod, S. A. (2005). The risk of ovarian cancer after breast cancer in BRCA1 and BRCA2 carriers. *Gynecologic Oncology*, 96(1), 222-226.

Metcalfe, K. A., Snyder, C., Seidel, J., Hanna, D., Lynch, H. T., & Narod, S. (2005). The use of preventive measures among healthy women who carry a BRCA1 or BRCA2 mutation. *Familial Cancer*, 4(2), 97-103.

Miller, P. D., McClung, M. R., Macovei, L. V., Stakkestad, J. A., Luckey, M., Bonvoisin, B., Reginster, J. Y., Recker, R. R., Hughes, C., Lewiecki, E. M., Felsenberg, D., Delmas, P. D., Kendler, D. L., Bolognese, M. A., Mairon, N., & Cooper, C. (2005). Monthly oral ibandronate therapy in postmenopausal osteoporosis: 1-year results from the MOBILE study. *Journal of Bone and Mineral Research*, 20(8), 1315-1322.

Mitra, A. K., & Agrawal, D. K. (2006). In stent restenosis: Bane of the stent era. *Journal of Clinical Pathology*, 59(3), 232-239.

Mitra, A. K., Del Core, M. G., & Agrawal, D. K. (2005). Cells, cytokines and cellular immunity in the pathogenesis of fibroproliferative vasculopathies. *Canadian Journal of Physiology and Pharmacology*, 83(8/9), 701-715.

Mitra, A. K., Gangahar, D. M., & Agrawal, D. K. (2006). Cellular, molecular and immunological mechanisms in the pathophysiology of vein graft intimal hyperplasia. *Immunology and Cell Biology*, 84(2), 115-124.

-
- Mohiuddin, K., Nizami, S., Fitzgibbons, R. J., Watson, P., Memon, B., & Memon, M. A. (2006). Predicting iatrogenic gall bladder perforation during laparoscopic cholecystectomy: A multivariate logistic regression analysis of risk factors. *ANZ Journal of Surgery*, 76(3), 130-132.
- Morales, K., Chatterjee, A., Varman, M., Goering, R., & Wolter, D. (2005). Methicillin resistant *Staphylococcus aureus*: An increasing problem in children. *Nebraska Pediatrician*, 6(2).
- Morris, J. K., Maklad, A., Hansen, L. A., Feng, F., Sorensen, C., Lee, K. F., Macklin, W. B., & Fritsch, B. (2006). A disorganized innervation of the inner ear persists in the absence of ErbB2. *Brain Research*, 1091, 186-199.
- Morrison, J. F., Guynn, S. R., Scofield, M. A., Dowd, F. J., & Petzel, D. H. (2006). Warm acclimation changes the expression of the Na⁺,K⁺-ATPase α subunit isoforms in Antarctic fish gills. *Journal of Experimental Marine Biology and Ecology*, 333(1), 129-139.
- Morrow, L. E., Malesker, M. A., & Tilleman, J. (2005). Management of pulmonary arterial hypertension. *Hospital Pharmacist*, 12(10), 18-38.
- Morrow, L. E., Wear, R., & Malesker, M. A. (2006). Contemporary limitations in the management of acute isoniazid toxicity with pyridoxine. *Pharmacotherapy*, 26(10), 1529-1532.
- Murphy, K. R., Hopp, R. J., Kittelson, E. B., Hansen, G., Windle, M. L., & Walburn, J. N. (2006). Life-threatening asthma and anaphylaxis in schools: A treatment model for school-based programs. *Annals of Allergy Asthma and Immunology*, 96(3), 398-405.
- Nandi, S., Akhter, M. P., Seifert, M. F., Dai, X. M., & Stanley, E. R. (2006). Developmental and functional significance of the CSF-1 proteoglycan chondroitin sulfate chain. *Blood*, 107(2), 786-795.
- Narod, S. A., Lubinski, J., Ghadirian, P., Lynch, H. T., Moller, P., Foulkes, W. D., Rosen, B., Kim-Sing, C., Isaacs, C., Domcheck, S., & Sun, P. (2006). Screening mammography and risk of breast cancer in BRCA1 and BRCA2 mutation carriers: A case-control study. *Lancet Oncology*, 7(5), 402-406.
- Narotam, P. K., Budonrappa, S. C., Raynor, S. C., Rao, M., & Taylon, C. (2006). Cerebral oxygenation in major pediatric trauma: Its relevance to trauma severity and outcome. *Journal of Pediatric Surgery*, 41(3), 505-513.
- Neumayer, L., Bendavid, R., Duh, Q., & Fitzgibbons, R. (2005). Mesh repair of inguinal hernia: Is open better than lap? *Contemporary Surgery*, 61(7), 332-338.
- Neumayer, L., Fitzgibbons Jr., R. J., Itani, K., & Jonasson, O. (2005). Laparoscopic inguinal hernia repair. *Journal of the American College of Surgeons*, 201(3), 486-487; author reply 487-488.
- Neumayer, L., Jonasson, O., Fitzgibbons, R., & CSP #456 Investigators. (2006). Laparoscopic hernia in the light of the Veterans Affairs cooperative study 456; more rigorous studies are needed. *Surgical Endoscopy*, 20(7), 1144-1145.
- Neumayer, L. A., Gawande, A. A., Wang, J., Giobbie-Hurder, A., Itani, K. M. F., Fitzgibbons, R. J., Reda, D., & Jonasson, O. (2005). Proficiency of surgeons in inguinal hernia repair: Effect of experience and age. *Annals of Surgery*, 242(3), 344-352.
- Ngo, B. T., Hayes, K. D., DiMiao, D. J., Srinivasan, S. K., Huerter, C. J., & Rendell, M. S. (2005). Manifestations of cutaneous diabetic microangiopathy. *American Journal of Clinical Dermatology*, 6(4), 225-237.
- Nichols, D. H., & Bruce, L. L. (2006). Migratory routes and fates of cells transcribing the Wnt-1 gene in the murine hindbrain. *Developmental Dynamics*, 235(2), 285-300.

-
- Nickman, S. L., Rosenfeld, A. A., Fine, P., Macintyre, J. C., Pilowsky, D. J., Howe, R. A., Derdeyn, A., Gonzales, M. B., Forsythe, L., & Sveda, S. A. (2005). Children in adoptive families: Overview and update. *Journal of the American Academy of Child and Adolescent Psychiatry*, 44(10), 987-995.
- Nipper, H., & Quinn, T. H. (2005). Carbon monoxide poisoning. In T. H. Quinn & J. S. Morris (Eds.), *Medical evidence* (4th ed., p. 18-7). James Publishing.
- Nishio, J., Gentry, J. D., Neff, J. R., Nelson, M., Daniels, W., Perry, D., Gatalica, Z., & Bridge, J. A. (2006). Monoallelic deletion of the p53 gene through chromosomal translocation in a small cell osteosarcoma. *Virchows Archiv*, 448(6), 852-856.
- Nkondjock, A., Ghadirian, P., Kotsopoulos, J., Lubinski, J., Lynch, H., et al. (2006). Coffee consumption and breast cancer risk among BRCA1 and BRCA2 mutation carriers. *International Journal of Cancer*, 118(1), 103-107.
- O'Brien, R. L., Kosoko-Lasaki, O., Cook, C. T., Kissell, J., Peak, F., & Williams, E. H. (2006). Self-assessment of cultural attitudes and competence of clinical investigators to enhance recruitment and participation of minority populations in research. *Journal of the National Medical Association*, 98(5), 674-682.
- O'Connell, M. B., Madden, D. M., Murray, A. M., Heaney, R. P., & Kerzner, L. J. (2005). Effects of proton pump inhibitors on calcium carbonate absorption in women: A randomized crossover trial. *American Journal of Medicine*, 118(7), 778-781.
- Ollila, S., Fitzpatrick, R., Sarantaus, L., Kariola, R., Ambus, I., Velsher, L., Hsieh, E., Andersen, M. K., Raevaara, T. E., Gerdes, A. M., Mangold, E., Peltomaki, P., Lynch, H. T., & Nystrom, M. (2006). The importance of functional testing in the genetic assessment of muir-torre syndrome, a clinical subphenotype of HNPCC. *International Journal of Oncology*, 28(1), 149-153.
- Olsen, K. M., Gentry-Nielsen, M., Yue, M., Snitily, M. U., & Preheim, L. C. (2006). Effect of ethanol on fluoroquinolone efficacy in a rat model of *Pneumococcal pneumonia*. *Antimicrobial Agents and Chemotherapy*, 50(1), 210-219.
- Owen, M., Murphy, R. F., & Lovas, S. (2006). The conformational preference of Ca-centered protein radicals. *Understanding Biology Using Peptides. Proceedings of the Nineteenth American Peptide Symposium*, 710-711.
- Owen, M. C., Komaromi, I., Murphy, R. F., & Lovas, S. (2006). The conformational preference of C-alpha-centered radicals in proteins. *Journal of Molecular Structure: Theochem*, 759(1-3), 117-124.
- Packard, K. A., Majeed, F., Mohiuddin, S. M., Mooss, A. N., Hilleman, D. E., & Arouni, A. J. (2005). Low high-density lipoprotein cholesterol is associated with impaired endothelial function in Asian Indians. *Ethnicity and Disease*, 15(4), 555-561.
- Padala, P. R., Petty, F., & Bhatia, S. C. (2005). Methylphenidate may treat apathy independent of depression. *Annals of Pharmacotherapy*, 39(11), 1947-1949.
- Palesty, J. A., Foster, J. M., Hurd, T. C., Watroba, N., Rezaishiraz, H., & Edge, S. B. (2006). Axillary recurrence in women with a negative sentinel lymph node and no axillary dissection in breast cancer. *Journal of Surgical Oncology*, 93, 129-132.
- Parks, K. W., & Casale, T. B. (2006). Anti-immunoglobulin E monoclonal antibody administered with immunotherapy. *Allergy and Asthma Proceedings*, 27(2), S33-S36.
- Patkar, K. A., Yan, X., Murray, T. F., & Aldrich, J. V. (2005). Nalpha-benzyl[Tyr1,cyclo(D-Asp5,Dap8)]-dynorphin A-(1-11)NH2 cyclized in the "address" domain is a novel kappa-opioid receptor antagonist. *Journal of Medicinal Chemistry*, 48(14), 4500-4503.
-

Pauley, S., Lai, E., & Fritzsich, B. (2006). Foxg1 is required for morphogenesis and histogenesis of the mammalian inner ear. *Developmental Dynamics*, 235, 2470-2482.

Pauley, S., Matei, V., Beisel, K. W., & Fritzsich, B. (2005). Wiring the ear to the brain: The molecular basis of neurosensory development, differentiation, and survival. In M. K. Kelley, D. K. Wu, A. N. Popper, & R. R. Fay (Eds.), *Development of the inner ear* (pp. 85-121). New York: Springer Verlag.

Pazianas, M., Butcher, G. P., Subhani, J. M., Finch, P. J., Ang, L., Collins, C., Heaney, R. P., Zaidi, M., & Maxwell, J. D. (2005). Calcium absorption and bone mineral density in celiacs after long term treatment with gluten-free diet and adequate calcium intake. *Osteoporosis International*, 16(1), 56-63.

Pedersen, W. A., & Brumback, R. A. (2006). Senile dementia. *XPharm* Available at: http://www.xpharm.com/citation?Article_ID=1131

Pedersen, W. A., McMillan, P. J., Kulstad, J. J., Leverenz, J. B., Craft, S., & Haynatzki, G. R. (2006). Rosiglitazone attenuates learning and memory deficits in Tg2576 Alzheimer mice. *Experimental Neurology*, 199(2), 265-273.

Petersen, G. M., de Andrade, M., Goggins, M., Hruban, R. H., Bondy, M., Korczak, J. F., Gallinger, S., Lynch, H. T., Syngal, S., Rabe, K. G., Seminara, D., & Kiein, A. P. (2006). Pancreatic cancer genetic epidemiology consortium. *Cancer Epidemiology Biomarkers and Prevention*, 15(4), 704-710.

Petzel, D. (2005). Drinking in Antarctic fishes. *Polar Biology*, 28(10), 763-768.

Pipinos, I. I., Hopp, R., Edwards, W. D., & Radio, S. J. (2006). Giant-cell temporal arteritis in a 17-year-old male. *Journal of Vascular Surgery*, 43(5), 1053-1055.

Popnikolov, N. K., Gatalica, Z., Adegboyega, P. A., Norris, B. A., & Pasricha, P. J. (2006). Down-regulation of TNF-related apoptosis-inducing ligand (TRAIL)/Apo2L in Barrett's esophagus with dysplasia and adenocarcinoma. *Applied Immunohistochemistry and Molecular Morphology*, 14(2), 161-165.

Porter, J. (2006). Bacterial vaginosis. *Xpharm*. Available at: <http://www.xpharm.com>

Porter, J. (2006). Gynecologic surgery. In S. Cohn, G. Smetana, & H. Weed (Eds.), *Perioperative medicine: Just the facts*. McGraw Hill.

Porter, J. (2006). Hemochromatosis. *Xpharm*. Available at: <http://www.xpharm.com>

Porter, J. (2006). Thoracic surgery. In S. Cohn, G. Smetana, & H. Weed (Eds.), *Perioperative medicine: Just the facts*. McGraw Hill.

Porter, J. (2006). Urologic surgery. In S. Cohn, G. Smetana, & H. Weed (Eds.), *Perioperative medicine: Just the facts*. McGraw Hill.

Porter, J., & Townley, T. (2006). Orientation for IMGs entering internal medicine residency programs. *Academic Internal Medicine Insight*, 4(3). Available at: <http://www.im.org/AAIM/Pubs/Insight/Fall2006/Bestpractices-imgs.pdf>

Prasaud, P., Cemaj, S., & Fitzgibbons Jr., R. J. (2006). Basic features of groin hernia and its repair. In C. J. Yeo (Ed.), *Shackelford's surgery of the alimentary tract* (6th ed.). Saunders.

Prioreschi, P. (2005). A brief history of disease, science, and medicine: From the ice age to the genome project. *Bulletin of the History of Medicine*, 79(2), 383-384.

-
- Puri, V., Felix, E., & Fitzgibbons Jr., R. J. (2006). Laparoscopic versus conventional tension free inguinal herniorrhaphy: 2005 Society of American Gastrointestinal Endoscopic Surgeons (SAGES) annual meeting debate. *Surgical Endoscopy*, 20(12), 1809-1816.
- Puri, V., Wright, A., & Fitzgibbons Jr., R. J. (2006). Laparoscopic inguinal hernia repair (Chapt. 45). In C. J. Yeo (Ed.), *Shackelford's surgery of the alimentary tract* (6th ed.). Saunders.
- Quinn, T. H. (2005). Cervical spine injury playing football exacerbated by removal of helmet. In T. H. Quinn & J. S. Morris (Eds.), *Medical evidence* (4th ed., p. 16-15). James Publishing.
- Quinn, T. H. (2005). Failure and revision of bariatric (weight loss) surgery. In T. H. Quinn & J. S. Morris (Eds.), *Medical evidence* (4th ed., p. 19-7). James Publishing.
- Quinn, T. H. (2005). Strangulation of child by automatic power window. In T. H. Quinn & J. S. Morris (Eds.), *Medical evidence* (4th ed., p. 18-8). James Publishing.
- Quinn, T. H. (2005). Thoracic outlet syndrome due to neck trauma. In T. H. Quinn & J. S. Morris (Eds.), *Medical evidence* (4th ed., p. 17-26). James Publishing.
- Quinn, T. H. (2005). Tongue laceration. In T. H. Quinn & J. S. Morris (Eds.), *Medical evidence* (4th ed., p. 16-10). James Publishing.
- Quinn, T. H., & Morris, J. S. (Eds.). (2005). *Medical evidence* (4th ed.). James Publishing.
- Rafferty, K. (2005, Winter). The Omaha nuns study. *Creighton University Magazine*, 55.
- Rafferty, K., & Kosoko-Lasaki, S. (2005). Follow-up report: An observation of vitamin A nutrition in La Guamita, Dominican Republic. *Sight and Life Newsletter*, 3, 21-23.
- Raghavan, S. C., Swanson, P. C., Ma, Y. M., & Lieber, M. R. (2005). Double-strand break formation by the RAG complex at the bcl-2 major breakpoint region and at other non-B DNA structures *in vitro*. *Molecular and Cellular Biology*, 25(14), 5904-5919.
- Rakesh, K., & Agrawal, D. K. (2005). Controlling cytokine signaling by constitutive inhibitors. *Biochemical Pharmacology*, 70(5), 649-657.
- Rakesh, K., & Agrawal, D. K. (2005). Cytokines and growth factors involved in apoptosis and proliferation of vascular smooth muscle cells. *International Immunopharmacology*, 5(10), 1487-1506.
- Rapuri, P. B., Gallagher, J. C., Knezetic, J. A., & Haynatzka, V. (2006). Estrogen receptor alpha gene polymorphisms are associated with changes in bone remodeling markers and treatment response to estrogen. *Maturitas*, 53(4), 371-379.
- Rebeck, T. R., Friebel, T., Wagner, T., Lynch, H. T., et al. (2005). Effect of short-term hormone replacement therapy on breast cancer risk reduction after bilateral prophylactic oophorectomy in BRCA1 and BRCA2 mutation carriers: The PROSE study group. *Journal of Clinical Oncology*, 23(31), 7804-7810.
- Recker, R., Masarachia, P., Santora, A., Howard, T., & Kimmel, D. (2005). Trabecular bone micro-architecture after alendronate treatment of osteoporotic women. *Current Medical Research and Opinion*, 21(2), 185-194.
- Recker, R. R., & Barger-Lux, M. J. (2006). Bone biopsy and histomorphometry in clinical practice. In M. J. Favus (Ed.), *Primer on the metabolic bone diseases and disorders of mineral metabolism* (6th ed., pp. 161-169). Washington, DC: American Society for Bone and Mineral Research.

-
- Recker, R. R., Gallagher, R., & MacCosbe, P. E. (2005). Effect of dosing frequency on bisphosphonate medication adherence in a large longitudinal cohort of women. *Mayo Clinic Proceedings*, 80(7), 856-861.
- Recker, R. R., Lappe, J. M., Davies, K. M., & Heaney, R. P. (2006). Bone remodeling: Biochemical markers or bone biopsy? *Journal of Bone and Mineral Research*, 21(1), 180.
- Reginster, J. Y., Felsenberg, D., Cooper, C., Stakkestad, J. A., Miller, P. D., Kendler, D. L., Adami, S., McClung, M. R., Bolognese, M. A., Civitelli, R., Dumont, E., Bonvoisin, B., Recker, R. R., & Delmas, P. D. (2006). A new concept for bisphosphonate therapy: A rationale for the development of monthly oral dosing of ibandronate. *Osteoporosis International*, 17(2), 159-166.
- Rendell, M., Vanderhoof, J., Venn, M., Shehan, M., Arndt, E., Rao, C., Gill, G., Newman, R., & Newman, C. (2005). Effect of a barley breakfast cereal on blood glucose and insulin response in normal and diabetic patients. *Plant Foods for Human Nutrition*, 60(2), 63-67.
- Repertinger, S., Fitzgibbons, W. P., Omojola, M. F., & Brumback, R. A. (2006). Long survival following bacterial meningitis-associated brain destruction. *Journal of Child Neurology*, 21, 591-595.
- Rex, D. K., Kahi, C. J., Levin, B., et al. [including Thorson, A. G.]. (2006). Guidelines for colonoscopy surveillance after cancer resection: A consensus update by the American Cancer Society and the U.S. multi-society task force on colorectal cancer. *Gastroenterology*, 130(6), 1865-1871.
- Rex, D. K., Kahi, C. J., Levin, B., et al. [including Thorson, A. G.]. (2006). Guidelines for colonoscopy surveillance after cancer resection: A consensus update by the American Cancer Society and U.S. multi-society task force on colorectal cancer. *CA: A Cancer Journal for Clinicians*, 56(3), 160-167.
- Richards, A. T., Quinn, T. H., & Fitzgibbons Jr., R. J. (2006). Inguinal anatomy and abdominal wall hernias. In L. J. Greenfield, M. W. Mulholland, K. T. Oldham, G. B. Zelenock & K. D. Lillemoe (Eds.), *Greenfield's surgery: Scientific principles & practices* (4th ed., pp. 1172-1209). Philadelphia: Lippincott Williams & Wilkins.
- Rorabaugh, B., & Abel, P. W. (2005). Ephedrine. *XPharm*.
- Rorabaugh, B., & Abel, P. W. (2006). Adrenomedulin. *XPharm*.
- Roth, K. S., Duncan, L. L., & Chan, J. C. M. (2005). The role of nutrition in chronic renal insufficiency of childhood: How much do we know? *Critical Reviews in Food Science and Nutrition*, 45(4), 259-263.
- Sabry, O. M., Andrews, S., McPhail, K. L., Goeger, D. E., Yokochi, A., LePage, K. T., Murray, T. F., & Gerwick, W. H. (2005). Neurotoxic meroditerpenoids from the tropical marine brown alga *Styopodium flabelliforme*. *Journal of Natural Products*, 68(7), 1022-1030.
- Saini, T., Edwards, P. C., Kimmes, N., Carroll, L., Shaner, J., & Dowd, F. (2005). Etiology of xerostomia and dental caries among methamphetamine abusers. *Oral Health and Preventive Dentistry*, 3, 189-195.
- Sakhalkar, S. P., Patterson, E. B., & Khan, M. M. (2005). Involvement of histamine H1 and H2 receptors in the regulation of STAT-1 phosphorylation: Inverse agonism exhibited by the receptor antagonists. *International Immunopharmacology*, 5(7/8), 1299-1309.
- Sakowski, H. A., Markert, R. J., Jeffries, W. B., Coleman, R. M., Houghton, B. L., Kosoko-Lasaki, S., Goodman, M. D., & Rich, E. C. (2005). Dimensions of clinical medicine: An interclerkship program. *Teaching and Learning in Medicine*, 17(4), 370-375.

-
- Salaria, V., Mehta, N. J., Abdul-Aziz, S., Mohiuddin, S. M., & Khan, I. A. (2005). Role of post-operative vasopressor use in occurrence of atrial fibrillation after coronary artery bypass grafting. *American Journal of Cardiology*, 95(2), 247-249.
- Sanders, J. D., Happe, H. K., Bylund, D. B., & Murrin, L. C. (2005). Development of the norepinephrine transporter in the rat CNS. *Neuroscience*, 130(1), 107-117.
- Sanders, J. D., Happe, H. K., & Murrin, L. C. (2005). A transient expression of functional alpha(2)-adrenergic receptors in white matter of the developing brain. *Synapse*, 57(4), 213-222.
- Santos, E. E., & Sarma, D. (2006). Hemangioma of the prepuce. *The Internet Journal of Dermatology*, 4(1). Available at: <http://www.ispub.com/ostia/index.php?xmlFilePath=journals/ijd/vol4n1/prepuce.xml>
- Sarma, D. P. (2006). Paraganglioma of the hepatic duct: A personal commentary. *Southern Medical Journal*, 99(7), 785-786.
- Sarma, D. P., Hansen, T. P., & Adickes, E. D. (2006). Carcinoma arising in the leg amputation stump. *The Internet Journal of Dermatology*, 4(1). Available at: <http://www.ispub.com/ostia/index.php?xmlFilePath=journals/ijd/vol4n1/leg.xml>
- Sarma, D. P., & Sharma, P. (2006). Bullous solar keratosis. *The Internet Journal of Dermatology*, 4(1). Available at: <http://www.ispub.com/ostia/index.php?xmlFilePath=journals/ijd/vol4n1/bullous.xml>
- Sarroca, C., Della Valle, A., Fresco, R., Renkonen, E., Peltomaki, P., & Lynch, H. T. (2005). Frequency of hereditary non-polyposis colorectal cancer among Uruguayan patients with colorectal cancer. *Clinical Genetics*, 68(1), 80-87.
- Satpathy, C., Mishra, T. K., Satpathy, R., Satpathy, H. K., & Barone, E. (2006). Diagnosis and management of diastolic dysfunction and heart failure. *American Family Physician*, 73(5), 841-846.
- Sattar, S. P., Basith, F., Madison, J., & Bhatia, S. C. (2005). New ACGME work-hour guidelines and their impact on current residency training practices. *Academic Psychiatry*, 29(3), 279-282.
- Sattar, S. P., Pinals, D. A., Din, A. U., & Appelbaum, P. S. (2006). To commit or not to commit: The psychiatry resident as a variable in involuntary commitment decisions. *Academic Psychiatry*, 30(3), 191-195.
- Schmeler, K. M., Lynch, H. T., Chen, L. M., et al. (2006). Prophylactic surgery to reduce the risk of gynecologic cancers in the Lynch syndrome. *New England Journal of Medicine*, 354(3), 261-269.
- Schmidtke, A. J., & Hanson, N. D. (2006). Model system to evaluate the effect of ampD mutations on AmpC-mediated beta-lactam resistance. *Antimicrobial Agents and Chemotherapy*, 50(6), 2030-2037.
- Shara, M., Yasmin, T., Kincaid, A. E., Limpach, A. L., Bartz, J., Brenneman, K. A., Chatterjee, A., Bagchi, M., Stohs, S. J., & Bagchi, D. (2005). Safety and toxicological evaluation of a novel niacin-bound chromium(III) complex. *Journal of Inorganic Biochemistry*, 99(11), 2161-2183.
- Sharma, A., Dewan, V., & Petty, F. (2005). Acute psychosis with coricidin cold medicine. *Annals of Pharmacotherapy*, 39(9), 1577-1578.
- Sharma, A., Ramaswamy, S., & Bhatia, S. C. (2005). Electroconvulsive therapy after repair of cerebral aneurysm. *Journal of ECT*, 21(3), 180-181.
- Shen, H., Long, J. R., Xiong, D. H., Liu, Y. J., Liu, Y. Z., Xiao, P., Zhao, L. J., Dvornyk, V., Zhang, Y. Y., Rocha-Sanchez, S., Liu, P. Y., Li, J. L., & Deng, H. W. (2005). Mapping quantitative trait loci for cross-sectional geometry at the femoral neck. *Journal of Bone and Mineral Research*, 20(11), 1973-1982.

-
- Shen, X. (2005). Echocardiography. In H. Chen (Ed.), *Cardiovascular diseases*. (4th ed.). Shanghai Scientific Technology Publisher.
- Shen, X. (2005). New advance in tissue doppler echocardiography. In J. Sun (Ed.), *Tissue doppler echocardiography*. People's Health Publisher.
- Shen, X. (2005). Tissue doppler imaging for the evaluation of abnormal ventricular depolarization and re-synchronization therapy. In J. Sun (Ed.), *Tissue doppler echocardiography*. People's Health Publisher.
- Shen, X. D., Holmberg, M. J., Sype, J., Hunter, C., Mooss, A. N., & Mohiuddin, S. M. (2006). Real-time three-dimensional echocardiography in diagnosis of right ventricular pseudoaneurysm after pacemaker implantation. *Echocardiography: A Journal of Cardiovascular Ultrasound and Allied Techniques*, 23(3), 240-243.
- Shifren, A., & Morrow, L. E. (2006). Interstitial lung diseases. In A. Shifren (Ed.), *Washington manual pulmonary medicine subspecialty consult* (pp. 187-197). New York: Lippincott, Williams and Wilkins.
- Shinefield, H., Thear, M., Black, S., & the 013 Study Group for ProQuad® [including Chatterjee, A., site primary investigator]. (2006). An open, randomized, multicenter study of the safety, tolerability, immunogenicity of MMRV given concomitantly versus nonconcomitantly with other pediatric vaccines in healthy children 12-15 months of age (V221, protocol 013). *Pediatric Infectious Disease Journal*, 25(4), 287-292.
- Siddiqui, Z., Marcil, W. A., Bhatia, S. C., Ramaswamy, S., & Petty, F. (2005). Ziprasidone therapy for post-traumatic stress disorder. *Journal of Psychiatry and Neuroscience*, 30(6), 430-431.
- Sidjabat, H. E., Townsend, K. M., Hanson, N. D., Bell, J. M., Stokes, H. W., Gobius, K. S., Moss, S. M., & Trott, D. J. (2006). Identification of bla(CMY-7) and associated plasmid-mediated resistance genes in multidrug-resistant *Escherichia coli* isolated from dogs at a veterinary teaching hospital in Australia. *Journal of Antimicrobial Chemotherapy*, 57(5), 840-848.
- Silva, E. (2005). Revolutionary advancement in the treatment of breast cancer. *Cornhusker Family Physician*, 51(1), 64-65.
- Silva, E., & Lynch, H. (2006). Genetic counseling and management of newly diagnosed breast cancer patients at genetic risk for BRCA germline mutations. *Breast Journal*, 12(3), 280-281.
- Sinilnikova, O. M., Mazoyer, S., Bonnardel, C., Lynch, H. T., Narod, S. A., & Lenoir, G. M. (2006). BRCA1 and BRCA2 mutations in breast and ovarian cancer syndrome: Reflection on the Creighton University historical series of high risk families. *Familial Cancer*, 5(1), 15-20.
- Smith, J. M., Robertson, S., & Houghton, B. (2006). Physicians' views on men's mental health and the role of counseling services: A pilot study. *Counselling and Psychotherapy Research*, 6(4), 258-263.
- Sokol, M. S., Fujimoto, C. K., Jackson, T. K., & Silberberg, P. J. (2006). Case report: Anorexia nervosa and brain tumor in a 14-year-old girl. *CNS Spectrums*, 11(9), 669-673.
- Sokol, M. S., Jackson, T. K., Selser, C. T., Nice, H. A., Christiansen, N. D., & Carroll, A. K. (2005). Review of clinical research in child and adolescent eating disorders. *Primary Psychiatry*, 12(4), 52-58. Available at: <http://www.primarypsychiatry.com/aspx/articledetail.aspx?articleid=251>
- Sokol, M. S., Kaufman, J. R., Hall, M., & Stoural, J. M. (2006). Anorexia nervosa: Weekly weight gain in hospitalized children and adolescents. *Journal of Adolescent Health*, 38(2), 160. Available at: <http://www.jahonline.org/article/PIIS1054139X0500621X/fulltext>
-

-
- Song, L., McGee, J., & Walsh, E. J. (2006). Frequency- and level-dependent changes in auditory brainstem responses (ABRs) in developing mice. *Journal of the Acoustical Society of America*, 119(4), 2242-2257.
- Song, W., Moland, E. S., Hanson, N. D., Lewis, J. S., Jorgensen, J. H., & Thomson, K. S. (2005). Failure of cefepime therapy in treatment of *Klebsiella pneumoniae* bacteremia. *Journal of Clinical Microbiology*, 43(9), 4891-4894.
- Sonnino, R. E. Cloud nine [photograph]. Cloud nine [photograph]. Extreme Makeover-Home Edition (ABC-TV).
- Sonnino, R. E. (2005). [5 photographs]. *SELAM International News*, 8(1), 33.
- Sonnino, R. E. (2006). [4 photographs]. *SELAM International News*, 8(2), Section 3.
- Sonnino, R. E. (2006). Bugler [photograph]. Federal Bank of South Carolina.
- Sonnino, R. E., Gentry-Nielsen, M., Drescher, K., Scofield, M., & Chatterjee, A. (2006). *A birth of a successful women in medicine and science program in a private, Jesuit medical school*.
- Soukup, G. A. (2006). Allosteric ribozymes as molecular switches and sensors. In S. K. Silverman (Ed.), *Nucleic acid switches and sensors* (pp. 3-24). Georgetown: Landes Bioscience.
- Soukup, G. A. (2006). Core requirements for glmS ribozyme self-cleavage reveal a putative pseudo-knot structure. *Nucleic Acids Research*, 34(3), 968-975.
- Stein, D., Lee, Y. J., Schmid, M. J., Killpack, B., Genrich, M. A., Narayana, N., Marx, D. B., Cullen, D. M., & Reinhardt, R. A. (2005). Local simvastatin effects on mandibular bone growth and inflammation. *Journal of Periodontology*, 76(11), 1861-1870.
- Stewart, J. H., Shen, P., Russell, G. B., Bradley, R. F., Hundley, J. C., Loggie, B. W., Geisinger, K. R., & Levine, E. A. (2006). Appendiceal neoplasms with peritoneal dissemination: Outcomes after cytoreductive surgery and intraperitoneal hyperthermic chemotherapy. *Annals of Surgical Oncology*, 13(5), 624-634.
- Stokes, J., Fenstad, E., & Casale, T. B. (2006). Managing impairment in patients with allergic rhinitis. *Allergy and Asthma Proceedings*, 27(1), 12-16.
- Stokes, J. R., & Casale, T. B. (2006). Allergy immunotherapy for primary care physicians. *American Journal of Medicine*, 119(10), 820-823.
- Stokes, J. R., & Casale, T. B. (2006). Urticaria and angioedema. In J. A. McMillan, R. D. Feigin, C. DeAngelis, & M. D. P. P. Jones Jr. (Eds.), *Oski pediatrics: Principles and practice* (4th ed., pp. 2410-2416). Philadelphia: J. B. Lippincott Co.
- Stokes, J. R., Clark, C., & Casale, T. B. (2005). Future therapies of asthma. In W. W. Busse, & R. F. Lemanske (Eds.), *Asthma prevention* (pp. 591-614). New York, NY: Taylor & Francis Group, LLC.
- Stokes, J. R., Fenstad, E., & Casale, T. B. (2006). Managing impairment in patients with allergic rhinitis. *Allergy and Asthma Proceedings*, 27(1), 12-16.
- Sudhakar, A., Nyberg, P., Keshamouni, V. G., Mannam, A. P., Li, J., Sugimoto, H., Cosgrove, D., & Kalluri, R. (2005). Human alpha 1 type IV collagen NC1 domain exhibits distinct antiangiogenic activity mediated by alpha 1 beta 1 integrin. *Journal of Clinical Investigation*, 115(10), 2801-2810.

Sun, W. J., Lipsitz, S., Catalano, P., Mailliard, J. A., & Haller, D. G. (2005). Phase II/III study of doxorubicin with fluorouracil compared with streptozocin with fluorouracil or dacarbazine in the treatment of advanced carcinoid tumors: Eastern cooperative oncology group study E1281. *Journal of Clinical Oncology*, 23(22), 4897-4904.

Suriano, G., Yew, S., Ferreira, P., et al. [including Lynch, H.]. (2005). Characterization of a recurrent germ line mutation of the E-cadherin gene: Implications for genetic testing and clinical management. *Clinical Cancer Research*, 11(15), 5401-5409.

Svolos, T. Non c'è nessuna situazione negli Stati Uniti. Available at: <http://www.wapol.org/it/destacados/destacados.asp?svolos-situation.html>

Svolos, T. (2005). The American plague. *Lacanian Praxis*, 2, 35-37.

Svolos, T. (2005). The American plague. *Psychoanalytical Notebooks*, 14, 138-142.

Svolos, T. (2005). A comment on the segregation in the clinic today. *Center News*, (43).

Svolos, T. (2005). Il n'y a aucune "situation" aux Etats-unis. [There is no situation in the United States] (D. Holvoet, Trans.). *NLS-Messenger*, (191)

Svolos, T. (2005). Il n'y a pas de situation aux etats-unis. [There is no situation in the United States] (J. P. Klotz, Trans.) *ECF – Messenger*.

Svolos, T. (2005). There is no situation in the United States. *NLS-Messenger*, (189).

Svolos, T. (2006). Countertransference is the symptom of the analyst. *The Symptom*, 7. Available at: <http://www.lacan.com/newspaper7.htm>

Svolos, T. (2006). The direction of the transmission of psychoanalysis and the principles of the power of its transmission: Closing remarks for the inaugural clinical study days. *International Lacanian Review*, 3. Available at: <http://www.lacanianreview.com.br/artigos7.asp>

Svolos, T. (2006). Editorial. *International Lacanian Review*, 3.

Svolos, T. (2006). El psicoanálisis neurasténico y nombre del padre. *Lecturas on Line, Escuela De La Orientación Lacaniana*. Available at: http://www.eol.org.ar/default.asp?lecturas/psicoysoc/svolos_elpsicoanálisis.html

Svolos, T. (2006). La fin d'une hégémonie. *Le Magazine Littéraire*, (449), 52-53.

Svolos, T. (2006). Neurasthenic psychoanalysis and the name-of-the-father. *NLS-Messenger*, (241).

Svolos, T. (2006). On the frontier: A report on Jean-Pierre Klotz's visit to Omaha, Nebraska. *NLS-Messenger*, (261).

Svolos, T. (2006). Phenomenology and Lacan on schizophrenia, after the decade of the brain. *Theoretical Medicine and Bioethics*, 27(2), 169-174.

Svolos, T. (2006). Realist, modern, and postmodern diagnosis in the psy field. *Center News*, 46.

Svolos, T. (2006). Resoconto dell'inaugurazione dei clinical study days dell'AMP negli Stati Uniti. Available at: <http://www.wapol.org/it/destacados/destacados.asp?clinicalstudy.html>

Svolos, T. (2006). [Review of A. de Waelhens and W. ver Eecke, *Phenomenology and Lacan on schizophrenia, after the decade of the brain*]. *Theoretical Medicine and Bioethics*, 27, 169-174.

-
- Svolos, T., Arenas, A., & Aguirre, M. C. (2005). Informe sobre la inauguración de los clinical study days de la AMP en los Estados Unidos. [Report on the clinical study days in the United States]. Available at: <http://www.wapol.org>
- Svolos, T., Arenas, A., & Aguirre, M. C. (2005). Report on the clinical study days in the United States. Available at: <http://www.wapol.org>
- Tang, W., Tu, Y., Nayak, S. K., Woodson, J., Jehl, M., & Ross, E. M. (2006). Gbg inhibits ga GTPase-activating proteins (GAPs) by inhibition of ga-GTP binding during stimulation by receptor. *Journal of Biological Chemistry*, 281, 4746-4753.
- Taylor, C. K., & Abel, P. W. (2005). BIBN. *XPharm*
- Taylor, C. K., & Abel, P. W. (2006). Human alpha CGRP 8-37. *XPharm*.
- Taylor, C. K., Abel, P. W., Hulce, M., & Smith, D. D. (2005). Solvent effects on coupling yields during rapid solid-phase synthesis of CGRP(8-37) employing *in situ* neutralization. *Journal of Peptide Research*, 65(1), 84-89.
- Tenover, F. C., McDougal, L. K., Goering, R. V., Killgore, G., Projan, S. J., Patel, J. B., & Dunman, P. M. (2006). Characterization of a strain of community-associated methicillin-resistant *Staphylococcus aureus* widely disseminated in the United States. *Journal of Clinical Microbiology*, 44(1), 108-118.
- Thambidorai, S. K., Sankarapandian, B. M., Bandara, M., Korlakunta, H. L., Denney, S. D., & Khan, I. A. (2005). Furosemide-induced recurrent syncope in myxedema. *International Journal of Cardiology*, 102(1), 157.
- Tian, Y., James, S., Zuo, J., Fritzsich, B., & Beisel, K. W. (2006). Conditional and inducible gene recombineering in the mouse inner ear. *Brain Research*, 1091, 243-254.
- Tiede, L. M., & Nichols, M. G. (2006). Photobleaching of reduced nicotinamide adenine dinucleotide and the development of highly fluorescent lesions in rat basophilic leukemia cells during multiphoton microscopy. *Photochemistry and Photobiology*, 82(3), 656-664.
- Tierney, B. J., Iqbal, A., Awad, Z., Penka, W., Filipi, C. J., & Mittal, S. K. (2006). Sub-diaphragmatic fascia: Role in the recurrence of hiatal hernias. *Diseases of the Esophagus*, 19(2), 111-113.
- Toth, G., & Borics, A. (2006). Closing of the flaps of HIV-1 protease induced by substrate binding: A model of a flap closing mechanism in retroviral aspartic proteases. *Biochemistry*, 45(21), 6606-6614.
- Toth, G., & Borics, A. (2006). Flap opening mechanism of HIV-1 protease. *Journal of Molecular Graphics and Modelling*, 24(6), 465-474.
- Tracy, S., Chapman, N. M., Drescher, K. M., Kono, K., & Tapprich, W. (2006). Evolution of virulence in picornaviruses. In E. Domingo (Ed.), *Quasispecies: Concept and implications for virology* (pp. 193-209), Vol. 199, *Current topics in microbiology and immunology*. Berlin and Heidelberg: Springer-Verlag.
- Turaga, K. K., Amirlak, B., Davis, R. E., Yousef, K., Richards, A., & Fitzgibbons, R. J. (2006). Cholangitis after coil embolization of an iatrogenic hepatic artery pseudoaneurysm: An unusual case report. *Surgical Laparoscopy Endoscopy and Percutaneous Techniques*, 16(1), 36-38.
- van der Klift, H., Wijnen, J., Wagner, A., et al. [including Lynch, H.]. (2005). Molecular characterization of the spectrum of genomic deletions in the mismatch repair genes MSH2, MLH1, MSH6, and PMS2 responsible for hereditary nonpolyposis colorectal cancer (HNPCC). *Genes Chromosomes and Cancer*, 44(2), 123-138.

-
- Vander Top, E. A., Perry, G. A., Snitily, M. U., & Gentry-Nielsen, M. J. (2006). Smoke exposure and ethanol ingestion modulate intrapulmonary polymorphonuclear leukocyte killing, but not recruitment or phagocytosis. *Alcoholism: Clinical and Experimental Research*, 30, 1599-1607.
- Varman, M., Romero, J. R., Cornish, N. E., Manley, J., Meza, J. L., Zach, T. L., & Chartrand, S. A. (2005). Characterization and mechanisms of resistance of group B streptococcal isolates obtained at a community hospital. *European Journal of Clinical Microbiology and Infectious Diseases*, 24(6), 431-433.
- Vent, J., Wyatt, T. A., Smith, D. D., Banerjee, A., Luduena, R. F., Sisson, J. H., & Hallworth, R. (2005). Direct involvement of the isotype-specific C-terminus of beta tubulin in ciliary beating. *Journal of Cell Science*, 118(19), 4333-4341.
- Vesikari, T., Matson, D., Dennehy, P., et al. [including Chatterjee, A., site primary investigator]. (2006). Safety and efficacy of a pentavalent human bovine (WC3) reassortant rotavirus vaccine. *New England Journal of Medicine*, 354, 23-33.
- von Bartheld, C. S., & Fritsch, B. (2006). Comparative analysis of neurotrophin receptors and ligands in vertebrate neurons: Tools for evolutionary stability or changes in neural circuits? *Brain Behavior and Evolution*, 68(3), 157-172.
- Wang, B., Santos, E., & Sarma, D. P. (2006). Sinusoidal hemangioma in an adult male. *The Internet Journal of Dermatology*, 4(1). Available at: <http://www.ispub.com/ostia/index.php?xmlFilePath=journals/ijd/vol4n1/hemangio.xml>
- Wang, M., Ebmeier, C. C., Olin, J. R., & Anderson, R. J. (2006). Sulfation of tibolone metabolites by human postmenopausal liver and small intestinal sulfotransferases (SULTs). *Steroids*, 71(5), 343-351.
- Wang, Z. Y., Zhang, X. T., Shen, P., Loggie, B. W., Chang, Y., & Deuel, T. F. (2006). A variant of estrogen receptor-alpha, hER-alpha 36: Transduction of estrogen- and antiestrogen-dependent membrane-initiated mitogenic signaling. *Proceedings of the National Academy of Sciences of the United States of America*, 103(24), 9063-9068.
- Wang, Z. Y., Zhang, X. T., Shen, P., Loggie, B. W., Chang, Y. C., & Deuel, T. F. (2005). Identification, cloning, and expression of human estrogen receptor-alpha 36, a novel variant of human estrogen receptor-alpha 66. *Biochemical and Biophysical Research Communications*, 336(4), 1023-1027.
- Warrier, R., & Houghton, B. (2005). Doctors and the drug industry: Reader feedback. *American Journal of Medicine*, 118(10), 1175-1176.
- Watson, P., & Riley, B. (2005). The tumor spectrum in the Lynch syndrome. *Familial Cancer*, 4(3), 245-248.
- Weaver, C. M., & Heaney, R. P. (Eds.). (2006). *Calcium in human health*. Totowa: Humana Press.
- Weaver, C. M., & Heaney, R. P. (2006). Food sources, supplements, and bioavailability. In C. M. Weaver & R. P. Heaney (Eds.), *Calcium in human health* (pp. 129-142). Totowa: Humana Press.
- Weaver, C. M., & Heaney, R. P. (2006). Introduction. In C. M. Weaver & R. P. Heaney (Eds.), *Calcium in human health* (pp. 1-3). Totowa: Humana Press.
- Weitzel, J. N., Robson, M., Pasini, B., et al. [including Lynch, H. T.]. (2005). A comparison of bilateral breast cancers in BRCA carriers. *Cancer Epidemiology Biomarkers and Prevention*, 14(6), 1534-1538.
- Welie, J. V. M. (2005, Fall). The ethics of end of life care: Lessons to be learned from the Schiavo case. *Creighton University Magazine*, 24-29.
-

-
- Welie, J. V. M. (2005). When medical treatment is no longer in order: Towards a new interpretation of the ordinary-extraordinary distinction. *National Catholic Bioethics Quarterly*, 5(3), 517-536.
- Wickman, P. A., Black, J. A., Moland, E. S., & Thomson, K. S. (2006). *In vitro* activities of DX-619 and comparison quinolones against gram-positive cocci. *Antimicrobial Agents and Chemotherapy*, 50(6), 2255-2257.
- Wickman, P. A., Moland, E. S., Black, J. A., & Thomson, K. S. (2006). *In vitro* activity of DX-619, a novel des-fluoro(6) quinolone, against a panel of *Streptococcus pneumoniae* mutants with characterized resistance mechanisms. *Antimicrobial Agents and Chemotherapy*, 50(2), 796-798.
- Wilson, D. R. (2006). The evolutionary neuroscience of human reciprocal sociality: A basic outline for economists. *Journal of Socio-Economics*, 35(4), 626-633.
- Wilson, P. K., Williams, M. A., & Humphrey, R. (2005). *Contemporary cardiovascular and pulmonary rehabilitation – AACVPR: The first 20 years*. Tampa: Faircount.
- Winawer, S. J., Zauber, A. G., Fletcher, R. H., et al. [including Thorson, A.]. (2006). Guidelines for colonoscopy surveillance after polypectomy: A consensus update by the U.S. multi-society task force on colorectal cancer and the American Cancer Society. *CA: A Cancer Journal for Clinicians*, 56(3), 143-159.
- Winawer, S. J., Zauber, A. G., Fletcher, R. H., et al. [including Thorson, A.]. (2006). Guidelines for colonoscopy surveillance after polypectomy: A consensus update by the U.S. multi-society task force on colorectal cancer and the American Cancer Society. *Gastroenterology*, 130(6), 1872-1885.
- Wittel, U. A., Pandey, K. K., Andrianifahanana, M., Johansson, S. L., Cullen, D. M., Akhter, M. P., Brand, R. E., Prokoczyk, B., & Batra, S. K. (2006). Chronic pancreatic inflammation induced by environmental tobacco smoke inhalation in rats. *American Journal of Gastroenterology*, 101(1), 148-159.
- Wolter, D. J., Hanson, N. D., & Lister, P. D. (2005). AmpC and OprD are not involved in the mechanism of imipenem hypersusceptibility among *Pseudomonas aeruginosa* isolates overexpressing the mexCD-oprJ efflux pump. *Antimicrobial Agents and Chemotherapy*, 49(11), 4763-4766.
- Xiao, P., Liu, P. Y., Lu, Y., Guo, Y. F., Xiong, D. H., Li, L. H., Recker, R. R., & Deng, H. W. (2005). Association tests of interleukin-6 (IL-6) and type II tumor necrosis factor receptor (TNFR2) genes with bone mineral density in Caucasians using a re-sampling approach. *Human Genetics*, 117(4), 340-348.
- Xiao, P., Liu, P. Y., Weber, J. L., Papasian, C. J., Recker, R. R., & Deng, H. W. (2006). Paternal uniparental isodisomy of the entire chromosome 3 revealed in a person with no apparent phenotypic disorders. *Human Mutation*, 27(2), 133-137.
- Xiong, D. H., Liu, Y. Z., Liu, P. Y., Zhao, L. J., & Deng, H. W. (2005). Association analysis of estrogen receptor alpha gene polymorphisms with cross-sectional geometry of the femoral neck in Caucasian nuclear families. *Osteoporosis International*, 16(12), 2113-2122.
- Xiong, D. H., Shen, H., Xiao, P., Guo, Y. F., Long, J. R., Zhao, L. J., Liu, Y. Z., Deng, H. Y., Li, J. L., Recker, R. R., & Deng, H. W. (2006). Genome-wide scan identified QTLs underlying femoral neck cross-sectional geometry that are novel studied risk factors of osteoporosis. *Journal of Bone and Mineral Research*, 21(3), 424-437.
- Xu, H., Long, J. R., Li, M. X., & Deng, H. W. (2005). Interaction effects between estrogen receptor alpha and vitamin D receptor genes on age at menarche in Chinese women. *Acta Pharmacologica Sinica*, 26(7), 860-864.

Xu, H., Xiong, D. H., Xu, F. H., Zhang, Y. Y., Lei, S. F., & Deng, H. W. (2005). Association between VDR Apal polymorphism and hip bone mineral density can be modified by body mass index: A study on postmenopausal Chinese women. *Acta Biochimica et Biophysica Sinica*, 37(1), 61-67.

Xu, H., Zhao, L. J., Lei, S. F., Li, M. X., Sun, X., Deng, F. Y., Jiang, D. K., & Deng, H. W. (2005). The (CA)_n polymorphism of the TNFR2 gene is associated with peak bone density in Chinese nuclear families. *Journal of Human Genetics*, 50(6), 301-304.

Yan, X., Koos, B. J., Kruger, L., Linden, J., & Murray, T. F. (2006). Characterization of [I-125]ZM 241385 binding to adenosine A(2A) receptors in the pineal of sheep brain. *Brain Research*, 1096, 30-39.

Yang, T. L., Zhao, L. J., Liu, Y. J., Liu, J. F., Recker, R. R., & Deng, H. W. (2006). Genetic and environmental correlations of bone mineral density at different skeletal sites in females and males. *Calcified Tissue International*, 78(4), 212-217.

Yang, Y. J., Dvornyk, V., Jian, W. X., Xiao, S. M., & Deng, H. W. (2005). Genetic and environmental correlations between bone phenotypes and anthropometric indices in Chinese. *Osteoporosis International*, 16(9), 1134-1140.

Yang, Y. J., Liu, Y. Z., Li, M. X., Lei, S. F., Chen, X. D., Sun, X., & Deng, H. W. (2005). Linkage exclusion analysis of two important chromosomal regions for height. *Biochemical and Biophysical Research Communications*, 335(4), 1287-1292.

Zhang, N., Zhong, R., Perez-Pinera, P., Herradon, G., Ezquerro, L., Wang, Z. Y., & Deuel, T. F. (2006). Identification of the angiogenesis signaling domain in pleiotrophin defines a mechanism of the angiogenic switch. *Biochemical and Biophysical Research Communications*, 343(2), 653-658.

Zhang, X., Shen, P., Coleman, M., Zou, W., Loggie, B., Smith, L., & Wang, Z. (2005). Caveolin-1 down-regulation activates estrogen receptor alpha expression and leads to 17 β -estradiol-stimulated mammary tumorigenesis. *Anticancer Research*, 25, 369-376.

Zhang, Y. Y., Liu, P. Y., Lu, Y., Davies, K. M., Dvornyk, V., Recker, R. R., & Deng, H. W. (2005). Race and sex differences and contribution of height: A study on bone size in healthy Caucasians and Chinese. *American Journal of Human Biology*, 17(5), 568-575.

Zhang, Y. Y., Liu, P. Y., Lu, Y., Xiao, P., Liu, Y. J., Long, J. R., Shen, H., Zhao, L. J., Elze, L., Recker, R. R., & Deng, H. W. (2006). Tests of linkage and association of PTH/PTHrP receptor type 1 gene with bone mineral density and height in Caucasians. *Journal of Bone and Mineral Metabolism*, 24(1), 36-41.

Zhao, L. J., Li, M. X., Guo, Y. F., Xu, F. H., Li, J. L., & Deng, H. W. (2005). SNPP: Automating large-scale SNP genotype data management. *Bioinformatics*, 21(2), 266-268.

School of Nursing

Braden, B. J., & Maklebust, J. (2005). Preventing pressure ulcers with the Braden scale: An update on this easy-to-use tool that assesses a patient's risk. *American Journal of Nursing*, 105(6), 70-72.

Desmangles, J. C., Lappe, J. M., Lipaczewski, G., & Haynatzki, G. (2006). Accuracy of pubertal tanner staging self-reporting. *Journal of Pediatric Endocrinology and Metabolism*, 19(3), 213-221.

Lappe, J. M. (2005). Why blame milk? *Archives of Pediatrics and Adolescent Medicine*, 159(12), 1187-1188.

Liu, Y. Z., Dvornyk, V., Lu, Y., Shen, H., Lappe, J. M., Recker, R. R., & Deng, H. W. (2005). A novel pathophysiological mechanism for osteoporosis suggested by an *in vivo* gene expression study of circulating monocytes. *Journal of Biological Chemistry*, 280(32), 29011-29016.

Norris, J. (2006). Commentary on the meaning of living with spinal cord injury 5 to 10 years after the injury. *Western Journal of Nursing Research*, 28(3), 290-291.

Papp, K., & Furlong, B. (2006). Partnership between Hungarian and American nursing faculty: A Hungarian case study. *International Forum of Teaching and Studies*, 2(2), 36-42.

Recker, R. R., Lappe, J. M., Davies, K. M., & Heaney, R. P. (2006). Bone remodeling: Biochemical markers or bone biopsies? *Journal of Bone and Mineral Research*, 21(1), 180.

Schoening, A. M. (2006). Amniotic fluid embolism: Historical perspectives and new possibilities. *MCN: The American Journal of Maternal-Child Nursing*, 31(2), 78-83.

Wilken, M., Ineck, J. R., & Rule, A. M. (2005). Chronic arthritis pain management with topical morphine: Case series. *Journal of Pain and Palliative Care Pharmacotherapy*, 19(4), 39-44.

School of Pharmacy and Health Professions

Alsharif, N. Z., Galt, K. A., Mehanna, A., Chapman, R., & Ogunbadeni, A. M. (2006). Instructional model to teach clinically relevant medicinal chemistry. *American Journal of Pharmaceutical Education*, 70(4), 91.

Alsharif, N. Z., Roche, V. F., Ogunbadeni, A. M., Chapman, R., & Bramble, J. D. (2005). Evaluation of performance and learning parity between campus-based and web-based medicinal chemistry courses. *American Journal of Pharmaceutical Education*, 69(2), 33.

Alsharif, N. Z., Schwartz, A. H., Malone, P. M., Jensen, G., Chapman, T., & Winters, A. (2006). Educational mentor program in a web-based doctor of pharmacy degree pathway. *American Journal of Pharmaceutical Education*, 70(2), 31.

Augustine, S., Rutar, F., Holdeman, K., Jacobson, D., & Dalrymple, G. (2006). Radionuclide generators: Design, operation, and clinical utility. In R. E. Henkins (Ed.), *Nuclear medicine* (pp. 373-381). Philadelphia: Mosby Elsevier.

Bagchi, D. (2006). Nutraceuticals and functional foods regulations in the United States and around the world. *Toxicology*, 221(1), 1-3.

Bagchi, D., & Jain, S. K. (2005). Trivalent chromium, glucose tolerance factor, and human health. *Nutrition and the MD*, 31(12), 1-5.

Bagchi, D., Roy, S., Patel, V., He, G. L., Khanna, S., Ojha, N., Phillips, C., Ghosh, S., Bagchi, M., & Sen, C. K. (2006). Safety and whole-body antioxidant potential of a novel anthocyanin-rich formulation of edible berries. *Molecular and Cellular Biochemistry*, 281(1-2), 197-209.

Bagchi, M., Zafra-Stone, S., Sen, C. K., Roy, S., & Bagchi, D. (2006). DNA microarray technology in the evaluation of weight management potential of a novel calcium-potassium salt of (-)-hydroxycitric acid. *Toxicology Mechanisms and Methods*, 16(2-3), 129-135.

Bartz, J. C., DeJoia, C., Tucker, T., Kincaid, A. E., & Bessen, R. A. (2005). Extraneural prion neuroinvasion without lymphoreticular system infection. *Journal of Virology*, 79(18), 11858-11863.

Blanchard, S., & Mu, K. (2005, February). Creighton occupational therapy students to experience rural health service provision. *ACCESS: Newsletter of the Nebraska Office of Rural Health*, 7.

-
- Blanchard, S., & Mu, K. (2005, July-August). Rural health: Creighton occupational therapy students to experience rural health service provision. *Newsletter of the Nebraska Occupational Therapy Association*, 1-3.
- Boyd, S. T., Fremming, B. A., & APHRER. (2005). Rimonabant: A selective CB1 antagonist. *Annals of Pharmacotherapy*, 39(4), 684-690.
- Boyd, S. T., Scott, D. M., & Augustine, S. C. (2006). Exercise for low-income patients with diabetes: A continuous quality improvement project. *Diabetes Educator*, 32(3), 385-393.
- Brooker, S., Martin, S., Pearson, A., Bagchi, D., Earl, J., Gothard, L., Hall, E., Porter, L., & Yarnold, J. (2006). Double-blind, placebo-controlled, randomised phase II trial of IH636 grape seed proanthocyanidin extract (GSPE) in patients with radiation-induced breast induration. *Radiotherapy and Oncology*, 79(1), 45-51.
- Burns, T. L., Ineck, J. R., & APHRER. (2006). Cannabinoid analgesia as a potential new therapeutic option in the treatment of chronic pain. *Annals of Pharmacotherapy*, 40(2), 251-260.
- Burns, T. L., Mooss, A. N., & Hilleman, D. E. (2005). Antiplatelet drug resistance: Not ready for prime time. *Pharmacotherapy*, 25(11), 1621-1628.
- Chatterjee, A., Bagchi, D., Yasmin, T., & Stohs, S. J. (2005). Antimicrobial effects of antioxidants with and without clarithromycin on *Helicobacter pylori*. *Molecular and Cellular Biochemistry*, 270, 125-130.
- Chatterjee, A., Yasmin, T., Vanderbur, L., & Ohri, L. (2005). Hepatitis B maternal screening and infant immunization policies in Nebraska hospitals. *Nebraska Pediatrician*, 16(1), 1-6-11.
- Clark, B. E. (2005). Compliance with regulations and regulatory bodies. In D. Zgarrick & S. Desselle (Eds.), *Contemporary pharmacy practice management*. New York: McGraw-Hill.
- Clark, B. E., & Mount, J. K. (2006). Pharmacy service orientation: A measure of organizational culture in pharmacy practice sites. *Research in Social and Administrative Pharmacy*, 2, 110-128.
- Das, S., Tosaki, A., Bagchi, D., Maulik, N., & Das, D. K. (2005). Resveratrol-mediated activation of cAMP response element-binding protein through adenosine A(3) receptor by akt-dependent and -independent pathways. *Journal of Pharmacology and Experimental Therapeutics*, 314(2), 762-769.
- Das, S., Tosaki, A., Bagchi, D., Maulik, N., & Das, D. K. (2006). Potentiation of a survival signal in the ischemic heart by resveratrol through p38 mitogen-activated protein kinase/mitogen- and stress-activated protein kinase 1/cAMP response element-binding protein signaling. *Journal of Pharmacology and Experimental Therapeutics*, 317(3), 980-988.
- DeSimone, E. M., Wilcox, S. M., Theer, T., & USPHD5. (2005). Leprosy: A new look at an old disease. *US Pharmacist*, 30(12), HS13-HS14.
- Downs, B. W., Bagchi, M., Subbaraju, G. V., Shara, M. A., Preuss, H. G., & Bagchi, D. (2005). Bioefficacy of a novel calcium-potassium salt of (-)-hydroxycitric acid. *Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis*, 579(1-2), 149-162.
- Enose, Y., Destache, C. J., Mack, A. L., Anderson, J. R., Ullrich, F., Ciborowski, P. S., & Gendelman, H. E. (2005). Proteomic fingerprints distinguish microglia, bone marrow, and spleen macrophage populations. *Glia*, 51(3), 161-172.
- Galt, K. A. (2005). [Review of M. A. Koda-Kimble, L. Y. Young, et al., *Applied therapeutics: The clinical use of drugs*]. *American Journal of Pharmaceutical Education*, 69(2), 40.

-
- Galt, K. A. (2006). *Developing clinical practice skills for pharmacists*. Bethesda, MD: The American Society of Health System Pharmacists.
- Galt, K. A., Bramble, J. D., Rule, A. M., Siracuse, M. V., & Taylor, W. S. (2005). Impact of PDA-based ePrescribing adoption on medication safety in ambulatory care. *HCI International 2005*, 1-9. Available at: www.hci-international.org
- Galt, K. A., Rule, A. M., Houghton, B., Young, D. Q., & Remington, G. (2005). Personal digital assistant-based drug information sources: Potential to improve medication safety. *Journal of the Medical Library Association*, 93(2), 229-236.
- Goulet, C., & Owen Smith, P. (2005). Cognitive-affective learning in physical therapy education: From implicit to explicit. *Journal of Physical Therapy Education*, 19(3), 67-72.
- Graves, R. L., Makoid, M. C., & Jonnalagadda, S. (2005). The effect of coencapsulation of bovine insulin with cyclodextrins in ethylcellulose microcapsules. *Journal of Microencapsulation*, 22(6), 661-670.
- Gray, T., Bertch, K., Galt, K. A., Gonyeau, M., Karpiuk, E., Oyen, L., Sudekum, M. J., & Vermeulen, L. C. (2005). Guidelines for therapeutic interchange – 2004. *Pharmacotherapy*, 25(11), 1666-1680.
- Griffiths, Y., Coppard, B., & Lohman, H. (2005). From pedestal to possibility: Learning scholarly writing using a unique course assignment. *Journal of Allied Health*, 34(2), 97-100.
- Haddad, A. (2005). Ethics in action: How to help patients make informed decisions. *RN*, 68(11), 32.
- Haddad, A. (2005). Ethics in action. Is it ethical for nurses to go on strike? *RN*, 68(7), 28.
- Haddad, A. (2005). Ethics in action. Your duty to noncompliant patients. *RN*, 68(9), 32.
- Haddad, A. (2005). Teaching for enduring understandings in ethics. *Journal of Physical Therapy Education*, 19(3), 73-77.
- Haddad, A. (2006). Amy Haddad. In J. Schaefer (Ed.), *The poetry of nursing: Poems and commentaries of leading nurse-poets* (pp. 71-80). Kent, OH: Kent State University Press.
- Haddad, A. (2006). Asking for direction [poem]. In J. Schaefer (Ed.), *The poetry of nursing: Poems and commentaries of leading nurse-poets* (p. 73). Kent, OH: Kent State University Press.
- Haddad, A. (2006). Chemotherapy lounge [poem]. In J. Schaefer (Ed.), *The poetry of nursing: Poems and commentaries of leading nurse-poets* (pp. 76-78). Kent, OH: Kent State University Press.
- Haddad, A. (2006). The day after Memorial Day [poem]. *The Bellevue Literary Review*, 6(1), 100.
- Haddad, A. (2006). Dehiscence [poem]. In J. Schaefer (Ed.), *The poetry of nursing: Poems and commentaries of leading nurse-poets* (pp. 71-72). Kent, OH: Kent State University Press.
- Haddad, A. (2006). Ethics in action. An ethical argument for adequate pain relief. *RN*, 69(1), 31-32.
- Haddad, A. (2006). Ethics in action. Help is available when a dilemma arises. *RN*, 69(1), 32.
- Haddad, A. (2006). Ethics in action. Research before you react to questionable treatment. *RN*, 69(3), 24.
- Haddad, A. (2006). Girding for battle [poem]. In Judy Schaefer (Ed.), *The poetry of nursing: Poems and commentaries of leading nurse-poets* (pp. 74-75). Kent, OH: Kent State University Press.

-
- Haddad, A., & Jensen, G. M. [Guest eds.]. (2005). Scholarship of teaching and learning in physical therapy education [special issue]. *Journal of Physical Therapy Education*, 19(3).
- Haddad, A., & Jensen, G. M. (2005). Scholarship of teaching and learning in physical therapist education [guest editorial]. *Journal of Physical Therapy Education*, 19(3), 3-4.
- Haddad, A. M., Berger, B. A., Fassett, W. E., Ranelli, P. L., & Buerki, R. A. (2005). Leading students to care: The use of clinical simulations in ethics reaction panel. *Journal of Pharmacy Teaching*, 12(1), 81-109.
- Haddad, A. M. (2005). Leading students to care: The use of clinical simulations in ethics. *Journal of Pharmacy Teaching*, 12(1), 61-79.
- Hamilton, W. R., & Padron, V. A. (2005). Instilling practical knowledge about nonprescription product use. *American Journal of Pharmaceutical Education*, 69(5), 84.
- Hilleman, D. E. (2005). New treatment options in COPD. *Journal of Managed Care Pharmacy*, 11(6), S12-S19.
- Hilleman, D. E., Hunter, C. B., Mohiuddin, S. M., & Maciejewski, S. (2005). Creighton University Cardiac Center, Omaha, NE, USA; Pharmacological management of atrial fibrillation following cardiac surgery. *American Journal of Cardiovascular Drugs*, 5(6), 361-369.
- Jauhari, S., & Dash, A. K. (2006). A mucoadhesive *in situ* gel delivery system for paclitaxel. *AAPS PharmSciTech*, 7(2), 53.
- Jensen, G. M. (2005). Looking back and looking forwards [editorial]. *Physiotherapy Research International*, 10(4), 179-180.
- Jensen, G. M. (2005). Mindfulness: Applications for teaching and learning in ethics education. In R. Purtilo, G. M. Jensen, & C. B. Royeen (Eds.), *Educating for moral action: A sourcebook in health and rehabilitation ethics* (pp. 191-202). F. A. Davis Company.
- Jensen, G. M., & Richert, A. E. (2005). Reflection on the teaching of ethics in physical therapist education: Integrating cases, theory, and learning. *Journal of Physical Therapy Education*, 19(3), 78-85.
- Kincaid, A. E. (2006). [Review of K. B. Cheltenham, *Understanding muscles: A practical guide to muscle function*, 2nd ed.]. *Physical Therapy*, 86(2), 305-306.
- Knudsen, D. S., & Boyd, S. T. (2005). Review of community-acquired pneumonia in immunocompetent adults. *US Pharmacist*, 30(7), 71-78.
- Kosoko-Lasaki, O., Cook, C. T., O'Brien, R., Kissell, J. L., Purtilo, R., & Peak, F. (2006). Promoting cultural proficiency in researchers to enhance the recruitment and participation of minority populations in research. Part 1: Development and refinement of survey instruments. *Evaluation and Program Planning*, 29(3), 227-235.
- Lenz, T. L., Faulkner, M. A., & Monaghan, M. S. (2006). Assessing the use of two-way interactive video (TWIV) conferencing to offer heart failure continuing education to rural pharmacists. *Journal of Pharmacy Teaching*, 13(1), 29-36.
- Lenz, T. L., Jones, R. M., & Monaghan, M. S. (2005). Faculty workload comparison between a campus-based and internet-based patient assessment course. *American Journal of Pharmaceutical Education*, 69(4), 67-68.
- Lenz, T. L., Monaghan, M. S., Ekeler, J. L., & Hayes, M. M. (2006). An interprofessional medication risk assessment program. *Journal of Interprofessional Care*, 20(5), 1-3.

-
- Lenz, T. L., Monaghan, M. S., Wilson, A. F., Tilleman, J. A., Jones, R. M., & Hayes, M. M. (2006). Using performance-based assessments to evaluate parity between a campus and distance education pathway. *American Journal of Pharmaceutical Education*, 70(4), 90.
- Lenz, T. L., & Stading, J. A. (2005). Lifestyle modification counseling of patients with dyslipidemias by pharmacists and other health care professionals. *Journal of the American Pharmaceutical Association*, 45, 709-713.
- Liu, Z. F., Kharmate, G., Patterson, E., & Khan, M. M. (2006). Role of H-1 receptors in histamine-mediated up-regulation of STAT4 phosphorylation. *International Immunopharmacology*, 6(3), 485-493.
- Lust, E. (2005). Thyroid disease in canines and felines. *US Pharmacist*, 30(6), 41-42.
- Lust, E. (2006). Animal-centered learning activities in pharmacy education. *American Journal of Pharmaceutical Education*, 70(2), 35.
- Lust, E., & Moore, F. C. (2006). Emotional intelligence instruction in a pharmacy communications course. *American Journal of Pharmaceutical Education*, 70(1), 6.
- Maciejewski, S., Mohiuddin, S. M., Packard, K. A., Mooss, A. N., Reyes, A. P., Aryana, A., & Hilleman, D. E. (2006). Randomized, double-blind, crossover comparison of amlodipine and valsartan in African-Americans with hypertension using 24-hour ambulatory blood pressure monitoring. *Pharmacotherapy*, 26(7), 889-895.
- Malesker, M. A., Sojka, S. G., & Fagan, N. L. (2005). Flecaïnide-induced neuropathy. *Annals of Pharmacotherapy*, 39(9), 1580.
- Marsh, R. F., Kincaid, A. E., Bessen, R. A., & Bartz, J. C. (2005). Interspecies transmission of chronic wasting disease prions to squirrel monkeys (*Saimiti sciureus*). *Journal of Virology*, 79(21), 13794-13796.
- Monaghan, M. S., Jones, R. M., & Fac Case Writing Teams. (2005). Designing an assessment for an abilities-based curriculum. *American Journal of Pharmaceutical Education*, 69(2), 19.
- Monaghan, M. S., Kissinger, J. F., & Archer, J. (2005). Endocrine disorders: Thyroid and adrenal conditions. In E. Q. Youngkin, K. J. Sawin, J. F. Kissinger, & D. S. Israel (Eds.), *Pharmacotherapeutics: A primary care clinical guide* (2nd ed., pp. 683-704). Upper Saddle River, NJ: Pearson Education, Inc.
- Moore, K. G., Wilson, A. F., & Bartels, C. L. (2005). Tight blood glucose control in the ICU. *US Pharmacist*, 30(5), HS8.
- Morrow, L. E., Malesker, M. A., & Tilleman, J. (2005). Management of pulmonary arterial hypertension. *Hospital Pharmacist*, 12(10), 18-38.
- Morrow, L. E., Wear, R., & Malesker, M. A. (2006). Contemporary limitations in the management of acute isoniazid toxicity with pyridoxine. *Pharmacotherapy*, 26(10), 1529-1532.
- Mu, K. (2005, December). Reduce occupational therapy practice errors and improve client safety. *Occupational Therapy Association of Colorado News Letter*, 10-11.
- Mu, K., Coppard, B., & Padilla, R. (2006). Graduate outcomes of first entry-level occupational therapy doctoral program in the United States. *Education Special Interest Section Quarterly*, 16(1), 1-4.
- Mu, K., Lohman, H., & Scheirton, L. (2005). To err is human! Common practice errors and preventive strategies in occupational therapy. *OT Practice*, 10(17), 13-16, 17.

-
- Mu, K. L., Lohman, H., & Scheirton, L. (2006). Occupational therapy practice errors in physical rehabilitation and geriatrics settings: A national survey study. *American Journal of Occupational Therapy, 60*(3), 288-297.
- Nystrom, K. K., Foral, P. A., Christensen, C. M., Davis, E. M., & Galt, K. A. (2005). Justifying a medication reconciliation program at a community health system. *ASHP Midyear Clinical Meeting, 40*, P-184D.
- Nystrom, K. K., Foral, P. A., Wilson, A. F., Christensen, C. M., & Miller, C. K. (2006). Personal digital assistant (PDA) clinical intervention documentation system: Development, implementation, and comparison to a previous paper-based system. *Hospital Pharmacy, 41*(2), 143-150.
- Ohia, S. E., Opere, C. A., & LeDay, A. M. (2005). Pharmacological consequences of oxidative stress in ocular tissues. *Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 579*(1/2), 22-36.
- Ohri, L. K. (2006). Ethical aspects of drug information practice. In P. M. Malone, K. L. Kier, & J. E. Stanovich (Eds.), *Drug information: A guide for pharmacists* (3rd ed., pp. 459-481, 733-750). New York: McGraw-Hill Company.
- Opere, C. A., Zheng, W. D., Huang, J. F., Adewale, A., Kruglet, M., & Ohia, S. E. (2005). Dual effect of isoprostanes on the release of [H-3]D-aspartate from isolated bovine retinae: Role of arachidonic acid metabolites. *Neurochemical Research, 30*(1), 129-137.
- Packard, K. A., Majeed, F., Mohiuddin, S. M., Mooss, A. N., Hilleman, D. E., & Arouni, A. J. (2005). Low high-density lipoprotein cholesterol is associated with impaired endothelial function in Asian Indians. *Ethnicity and Disease, 15*(4), 555-561.
- Park, P. I. P., & Jonnalagadda, S. (2006). Predictors of glass transition in the biodegradable polylactide and poly-lactide-co-glycolide polymers. *Journal of Applied Polymer Science, 100*(3), 1983-1987.
- Preuss, H. G., Echard, B., Dadgar, A., Talpur, N., Manohar, V., Enig, M., Bagchi, D., & Ingram, C. (2005). Effects of essential oils and monolaurin on *Staphylococcus aureus*: *In vitro* and *in vivo* studies. *Toxicology Mechanisms and Methods, 15*(4), 279-285.
- Preuss, H. G., Echard, B., Talpur, N., Funk, K. A., & Bagchi, D. (2006). Does 5-hydroxytryptophan cause acute and chronic toxic perturbations in rats? *Toxicology Mechanisms and Methods, 16*(5), 281-286.
- Preuss, H. G., Garis, R. J., Bramble, J. D., Bagchi, D., Bagchi, M., Rao, C. V. S., & Satyanarayana, S. (2005). Efficacy of a novel calcium/potassium salt of (-)-hydroxycitric acid in weight control. *International Journal of Clinical Pharmacology Research, 25*(3), 133-144.
- Purtilo, R., Jensen, G. M., & Royeen, C. B. (Eds.). (2005). *Educating for moral action: A sourcebook in health and rehabilitation ethics*. F. A. Davis Company.
- Ray, S., Phadke, S., Patel, C., Hackman, R. M., & Stohs, S. (2005). Short-term and long-term *in vivo* exposure to an ephedra- and caffeine-containing metabolic nutrition system does not induce cardiotoxicity in B6C3F1 mice. *Archives of Toxicology, 79*(6), 330-340.
- Ray, S. D., Parikh, H., & Bagchi, D. (2005). Proanthocyanidin exposure to B6C3F1 mice significantly attenuates dimethylnitrosamine-induced liver tumor induction and mortality by differentially modulating programmed and unprogrammed cell deaths. *Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 579*(1-2), 81-106.
- Raynovich, W. (2006). Crushed: How proper treatment of Crush syndrome saved police Sgt. John McLoughlin after 22 hours under WTC rubble. *Journal of Emergency Medical Services, 31*(9), 59-65.

-
- Raynovich, W. (Ed.). (2006). *PEPID mobile information resources*. Chicago: Pepid.
- Roche, V. F. (2005). Antihyperlipidemic statins: A self-contained, clinically relevant medicinal chemistry lesson. *American Journal of Pharmaceutical Education*, 69(4), NIL_0085-NIL_0099.
- Roy, S., Khanna, S., Krishnaraju, A. V., Subbaraju, G. V., Yasmin, T., Bagchi, D., & Sen, C. K. (2006). Regulation of vascular responses to inflammation: Inducible matrix metalloproteinase-3 expression in human microvascular endothelial cells is sensitive to antinflammatory boswellia. *Antioxidants and Redox Signaling*, 8(3-4), 653-660.
- Sakhalkar, S. P., Patterson, E. B., & Khan, M. M. (2005). Involvement of histamine H1 and H2 receptors in the regulation of STAT-1 phosphorylation: Inverse agonism exhibited by the receptor antagonists. *International Immunopharmacology*, 5(7/8), 1299-1309.
- Shara, M., Yasmin, T., Kincaid, A. E., Limpach, A. L., Bartz, J., Brenneman, K. A., Chatterjee, A., Bagchi, M., Stohs, S. J., & Bagchi, D. (2005). Safety and toxicological evaluation of a novel niacin-bound chromium(III) complex. *Journal of Inorganic Biochemistry*, 99(11), 2161-2183.
- Stading, J. A., Chock, A. W., Skrabal, M. Z., & Faulkner, M. A. (2005). Development of diabetes after gatifloxacin therapy. *American Journal of Health System Pharmacy*, 62(21), 2293-2295.
- Van den Berghe, G., Wouters, P. J., Kesteloot, K., & Hilleman, D. E. (2006). Analysis of healthcare resource utilization with intensive insulin therapy in critically ill patients. *Critical Care Medicine*, 34(3), 612-616.
- Wani, S., Weskamp, C., Marple, J., & Spry, L. (2006). Acute tubular necrosis associated with chromium picolinate-containing dietary supplement. *Annals of Pharmacotherapy*, 40(3), 563-566.
- Wilken, M., Ineck, J. R., & Rule, A. M. (2005). Chronic arthritis pain management with topical morphine: Case series. *Journal of Pain and Palliative Care Pharmacotherapy*, 19(4), 39-44.
- Wilson, A. F., Moores, K. G., Bartels, C. L., Ohri, L. K., & Malone, P. M. (2005). Expansion of drug information services in response to an increased clerkship teaching load. *American Journal of Health-System Pharmacy*, 62(23), 2514-2516.
- Zardetto-Smith, A., Mu, K., Carruth, L., & Frantz, K. (2006). Brains rule! A model program for developing professional stewardship among neuroscientists. *CBE-Life Science Education*, 5.

Other University Publications

- Andrus, K. L., Charles, P. C., Johnson, T. C., & Kitchel, A. C. (2006). *Research guide to Nebraska law, 2006*. LexisNexis.
- Ard, A., Clemmons, S., Morgan, N., Sessions, P., Spencer, B., Tidwell, T., & West, P. J. (2006). Why library and information science? The results of a career survey of MLIS students along with implications for reference librarians and recruitment. *Reference and User Services Quarterly*, 45(3), 236-248.
- Callone, P. R., Kudlacek, C., Vasiloff, B., Manternach, J., & Brumback, R. A. (2006). *A caregiver's guide to Alzheimer's disease: 300 tips for making life easier*. New York: Demos Medical Publishing.
- Callone, P. R., Vasiloff, B. C., Kudlacek, C., Manternach, J., & Brumback, R. A. (2006). *Alzheimer's disease: The dignity within: A handbook for caregivers, family, and friends*. New York: Demos Medical Publishing.

Chadwick, S. A. (2006). Adapting strategic planning to fit the organization. In S. E. Van Kollenburg (Ed.), *A collection of papers on self-study and institutional improvement. Vol. 1: The future-focused organization: Organizational distinctiveness and effectiveness* (pp. 87-90). Chicago: The Higher Learning Commission.

Champ-Blackwell, S., & Weldon, S. (2005). Free online consumer health classes. *Journal of Consumer Health on the Internet*, 9(3), 37-42.

Eickhoff-Shemek, J. A. M., & Selde, S. (2006). Evaluating group exercise leader performance: An easy and helpful tool. *ACSM's Health and Fitness Journal*, 10(1), 20-23.

McAndrews, G. M., Chadwick, S. A., & Mullen, R. E. (2005). Testing the efficacy of reverse learning as a teaching and learning method using an interactive multimedia computer program. *North American Colleges and Teachers of Agriculture Journal*, 49(3), 35-39.

McAndrews, G. M., Mullen, R. E., & Chadwick, S. A. (2005). Relationships among learning styles and motivation with computer-aided instruction use and grades in an introductory agronomy course. *Journal of Natural Resources and Life Science Education*, 34, 13-16.



St. Joseph Hospital Drug Room, 1897

Grants

College of Arts and Sciences

- Borchers, P., Kelly, M., Perlstein, A., Witmer, R., & Wunsch, J. S. [Investigators]. USAID Cuba program, transition to democracy grant: Proposed model for international Cuba-U.S. claims tribunal. U.S. Agency for International Development — \$375,000.00 — [28 September 2005-30 September 2007].
- Borchers, P. J., & Moreno, E. [Investigators]. Property rights in Cuba. U.S. Agency for International Development-Cuba — \$750,000.00 — [June 2005-November 2007].
- Brauer, P. R., & Reedy, M. V. [Investigators]. Tissue inhibitor of metalloproteinase-2 (TIMP-2) regulation of cardiac neural crest. American Heart Association-Nebraska Affiliate — \$71,500.00 — [1 July 2005-30 June 2006].
- Carter, L. [Investigator]. Creighton Dance Company spring performance. Nebraska Arts Council — \$700.00 — [11 January 2006-8 April 2006].
- Chadwick, S., & Pawlowski, D. R. [Investigators]. Strengthening the foundation of service-learning development assessment and evaluation. Corporation for National Service — \$17,595.00 — [1 January 2006-3 November 2006].
- Cherney, M. G., & McShane, T. S. [Investigators]. Study of relativistic heavy ion collisions. U.S. Department of Energy — \$140,000.00 — [1 July 2005-30 June 2007].
- Dilly, B. J. [Investigator]. We work for bread: The economic contributions of the Buchanan County Old Order Amish to rural economy. Iowa Historical Society — \$1,000.00 — [1 September 2005-30 June 2006].
- Douglas, A. V. [Investigator]. Assembling and analyzing surface climate records for Mexico. U.S. Department of Commerce — \$65,095.00 — [1 September 2005-31 August 2006].
- Galt, K. A., Bramble, J. D., Riley, L. A., Schaefer-Haines, J., & Siracuse, M. V. [Investigators]. Creighton health services research development project. Health and Human Services — \$249,991.00 — [1 March 2006-28 February 2008].
- Gibson, C. J. [Investigator]. INBRE: Alterations to GABA-A receptor subunits following traumatic brain injury in rats. National Institutes of Health — \$40,242.00 — [1 July 2005-30 June 2006].
- Gibson, C. J. [Investigator]. INBRE: Alterations to GABA-A receptor subunits following traumatic brain injury in rats. National Institutes of Health — \$38,917.00 — [1 May 2006-30 April 2007].
- Gross, E. M. [Investigator]. Construction of voltammetric electrodes for use with capillary electrophoresis coupled to electrogenerated chemiluminescence detection. National Science Foundation, EPSCoR — \$3,000.00 — [1 January 2006-31 July 2006].
- Nichols, M. [Investigator]. INBRE: Response of osteogenic cells to optical stretching. National Institutes of Health — \$50,301.00 — [1 May 2006-30 April 2007].
- Nichols, M., & Yee, J. [Investigators]. INBRE: Response of osteogenic cells to optical stretching. National Institutes of Health — \$51,626.00 — [1 July 2005-30 April 2006].
- Pawlowski, D. R. [Investigator]. Service-learning in communication courses across various contexts: Student learning and institutional assessment. Corporation for National Service — \$2,000.00 — [1 January 2006-31 December 2006].

Reedy, M. V. [Investigator]. INBRE: Determining the role of the winged helix transcription factor FOXD3 in neural crest development and evolution. National Institutes of Health — \$43,569.00 — [1 July 2005-30 June 2006].

Reedy, M. V. [Investigator]. INBRE: Determining the role of the winged helix transcription factor FOXD3 in neural crest development and evolution. National Institutes of Health — \$42,244.00 — [1 May 2006-30 April 2007].

Rettig, K. [Investigator]. Service learning in the correctional facilities. Corporation for National Service — \$1,000.00 — [1 January 2006-31 December 2006].

Schalles, J. F. [Investigator]. National Aeronautics and Space Administration-Nebraska space grant, year 14. National Aeronautics and Space Administration — \$6,000.00 — [1 May 2006-30 April 2007].

Schrage, J. [Investigator]. Travel funding: American Meteorological Society's conference on hurricanes and tropical meteorology. National Aeronautics and Space Administration — \$1,300.00 — [1 April 2006-31 March 2007].

Seger, J. E. [Investigator]. Study of ultra-peripheral collisions at RHIC. U.S. Department of Energy, EPSCOR — \$140,047.00 — [1 December 2005-30 November 2006].

Sidebottom, D. L. [Investigator]. Dynamic light scattering in network-forming glasses. Petroleum Research Fund — \$17,500.00 — [1 May 2006-31 August 2007].

Soukup, J. K. [Investigator]. INBRE: Structural characterization of riboswitches. National Institutes of Health — \$113,136.00 — [1 July 2005 -30 April 2006].

Soukup, J. K. [Investigator]. INBRE: Structural characterization of riboswitches. National Institutes of Health — \$88,891.00 — [1 May 2006-30 April 2007].

Soukup, J. K. [Investigator]. Structural characterization of S-adenosylmethionine riboswitches. National Science Foundation, EPSCoR — \$3,000.00 — [1 January 2006-31 July 2006].

Sullivan, P., Dickel, C. T., Haynatzki, G., & Wilson, D. R. [Investigators]. Program and infrastructure for violence and behavior research. State of Nebraska — \$275,000.00 — [1 October 2005-30 September 2006].

Turpen, J., & Soukup, J. K. [Investigators]. Nebraska research network in functional genomics. National Institutes of Health — 472,500.00 — [1 July 2004-30 May 2009].

School of Dentistry

Cerutis, D. R. [Investigator]. Lpar control of oral fibroblast regenerative responses. National Institutes of Health — \$213,750.00 — [1 August 2005-30 July 2008].

Edwards, P., Cerutis, D. R., Hess, S., Ibarrola, J., Kimmes, N., & Saini, T. S. [Investigators]. Health Future Foundation faculty development: Induction of dental hard tissue regeneration by sonic hedgehog-enhanced tissue engineering. Health Future Foundation — \$19,650.00 — [1 July 2005-30 June 2007].

Latta, M. A. [Investigator]. Laboratory evaluation of localized wear of a new composite resin formula. Dentsply — \$1,250.00 — [15 January 2006].

Latta, M. A. [Investigator]. Laboratory evaluation of localized wear of resin reinforced glass ionomer restorative materials. 3M Dental Products Division — \$13,000.00 — [1 December 2005].

Latta, M. A., Barkmeier, W. W., Cavel, W. T., DiLorenzo, S., Murdock, C., & Naughton, W. T. [Investigators]. Clinical evaluation of a new dental adhesive for class V restorations. GC America, Inc. — \$20,500.00 — [15 April 2006].

Latta, M. A., & Friedrichsen, S. [Investigators]. Laboratory evaluation of resin sealant bonding using different conditioning times. Medical Products Laboratories, Inc. — \$2,800.00 — [1 August 2005-9 September 2005].

Rocha-Sanchez, S. [Investigator]. The role of central auditory neurons in progressive high frequency hearing loss (PHFHL) using dominant-negative Kcnq4 transgenic mouse models. Deafness Research Foundation.

Rocha-Sanchez, S. M. [Investigator]. The role of the E2F1 modulation of RB1 in cochlear supporting cells to mediate hair cell regeneration. National Institutes of Health.

Saini, T. S., Barkmeier, W. W., Edwards, P., & McCabe, D. [Investigators]. Cone beam computed tomography system. Health Future Foundation — \$205,850.00 — [1 July 2005-30 June 2006].

School of Law

Borchers, P., Kelly, M., Perlstein, A., Witmer, R., & Wunsch, J. S. [Investigators]. USAID Cuba program transition to democracy grant: Proposed model for international Cuba-U.S. claims tribunal. U.S. Agency for International Development — \$375,000.00 — [28 September 2005-30 September 2007].

Borchers, P. J., & Moreno, E. [Investigators]. Property rights in Cuba. U.S. Agency for International Development-Cuba — \$750,000.00 — [June 2005-November 2007].

Mahern, C. [Investigator]. Milton R. Abrahams legal clinic. Nebraska Commission on Public Advocacy — \$70,000.00 — [1 January 2006-31 December 2006].

School of Medicine

Abel, P. W., Bockman, C. S., Dowd, F. J., Jeffries, W. B., & Zeng, W. [Investigators]. Short course in integrative and organ system pharmacology. National Institutes of Health — \$27,895.00 — [1 May 2006-30 April 2007].

Agrawal, D. K. [Investigator]. Both AP-1 and CREB amplify NF- κ B-induced pro-inflammatory and pro-constrictory effects of (s)-albuterol and (rs)-albuterol. Sepracor, Inc. — \$27,296.00 — [1 March 2006-28 February 2007].

Agrawal, D. K. [Investigator]. Health Future Foundation discretionary: Restenosis in coronary artery bypass graft. Health Future Foundation — \$50,000.00 — [1 April 2006-31 March 2007].

Agrawal, D. K. [Investigator]. Survivin in tumor-induced apoptosis in breast cancer. State of Nebraska — \$40,000.00 — [1 July 2005-30 June 2006].

Anderson, R. J. [Investigator]. Assignment agreement-IPA renewal. Veterans Administration — \$13,303.65 — [1 July 2005-30 September 2005].

Anderson, R. J. [Investigator]. Collaborative study group trial: The effect of sulodexide in patients with type 2 diabetes and microalbuminuria. Keryx Biopharmaceuticals, Inc. — \$15,201.00 — [1 October 2005].

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- Arouni, A., Hee, T. T., Hunter, C. B., Li, H., Maciejewski, S., Mohiuddin, S. M., Mooss, A. N., & Reyes, A. P. [Investigators]. Randomized evaluation of long term anticoagulant therapy (re-ly) comparing the efficacy and safety of two blinded doses of dabigatran etexilate with open label warfarin for the prevention of stroke and systemic embolism in patients with non-valvular... Boehringer Ingelheim Pharmaceuticals, Inc. — \$15,000.00 — [1 January 2006].
- Bajenova, O. [Investigator]. Health Future Foundation, School of Medicine research development: The role of hnRNP M4 splicing in the development of cancer metastasis. Health Future Foundation — \$156,000.00 — [1 July 2005-30 June 2006].
- Bartz, J. [Investigator]. BRIN scholar supply support. National Institutes of Health — \$1,000.00 — [1 July 2005-30 June 2006].
- Bartz, J. [Investigator]. Evaluation agreement. Axela Biosensors, Inc. — \$12,200.00 — [1 July 2005-30 December 2007].
- Bartz, J. [Investigator]. UNL COBRE: Prion strain competition in the central nervous system. National Institutes of Health — \$55,661.00 — [1 May 2006-30 April 2007].
- Bartz, J. [Investigator]. UNMC INBRE: Nebraska research network in functional genomics-education support for student, Jessica Hutter. National Institutes of Health — \$29,925.00 — [1 May 2006-30 April 2007].
- Bartz, J., & Kincaid, A. E. [Investigators]. Mechanisms of prion strain selection. National Institutes of Health — \$290,588.00 — [1 April 2006-31 March 2011].
- Bartz, J., & Kincaid, A. E. [Investigators]. UNL COBRE: Prion strain completion in the central nervous system. National Institutes of Health — \$178,125.00 — [26 September 2005-30 April 2006].
- Beisel, K. [Investigator]. UNMC COBRE: Core B molecular biology of neurosensory systems. National Institutes of Health — \$75,448.00 — [1 July 2005-30 April 2006].
- Beisel, K. [Investigator]. UNMC COBRE: Core B molecular biology of neurosensory systems. National Institutes of Health — \$60,424.00 — [1 May 2006-30 April 2007].
- Belshan, M. [Investigator]. UNL COBRE: Characterization of HIV-1 preintegration complex assembly and nuclear transport. National Institutes of Health — \$153,066.00 — [1 June 2006-30 May 2007].
- Bergren, D. R. [Investigator]. Airway hyperresponsiveness and tobacco smoke exposure. State of Nebraska — \$40,000.00 — [1 January 2006-31 December 2006].
- Bertoni, J. M. [Investigator]. Open-label multicenter study of the continued safety of istradefylline (KW-6002) in subjects with Parkinson's disease who have recently completed one year of treatment with istradefylline. Kyowa Pharmaceutical, Inc. — \$4,600.00 — [1 January 2006].
- Bessen, R. A., & Kincaid, A. E. [Investigators]. Routes of prion neuroinvasion following oral infection. National Institutes of Health/NIAID — \$1,100,000.00 — [1 May 2003-31 May 2006].
- Bewtra, A. K., Casale, T. B., Hopp, R. J., Stokes, J., & Townley, R. G. [Investigators]. Randomized, double-blind, three-arm, placebo-controlled trial to evaluate human pasteurized C1 esterase inhibitor concentrate (CE1145) in subjects with congenital C1-INH deficiency and acute abdominal or facial hereditary angioedema (HAE) attacks. ZLB Behring — \$32,750.00 — [1 September 2005].
- Bhatia, S. K., Arora, M., Dickerson, D., Lubberstedt, B., Madaan, V., & Walayat, W. [Investigators]. Four-week, double-blind, placebo-controlled, phase III trial evaluating the efficacy safety and pharmacokinetics of flexible doses of oral ziprasidone in children and adolescents with bipolar I disorder (manic or mixed). Pfizer Inc. — \$8,004.00 — [1 March 2006].

Bhatia, S. K., Arora, M., & Jorgensen, C. [Investigators]. Child and adolescent psychiatry trials network (CAPTN). National Institutes of Health — \$7,500.00 — [1 July 2005-30 June 2008].

Bockman, C. S. [Investigator]. Health Future Foundation faculty development: A-1-adrenergic receptor subtypes in submandibular gland secretion. Health Future Foundation — \$20,000.00 — [1 July 2005-30 June 2007].

Bradley, M. E. [Investigator]. Health Future Foundation discretionary: Bridge funding. Health Future Foundation — \$4,000.00 — [21 December 2005-30 June 2006].

Brauer, P. R., & Reedy, M. V. [Investigators]. Tissue inhibitor of metalloproteinase-2 (TIMP-2) regulation of cardiac neural crest. American Heart Association-Nebraska Affiliate — \$71,500.00 — [1 July 2005-30 June 2006].

Casale, T. B. [Investigator]. Health Future Foundation program: Development of clinical trials office. Health Future Foundation — \$267,430.00 — [1 July 2005-30 June 2006].

Casale, T. B. [Investigator]. Probiotic prophylaxis of ventilator associated pneumonia. State of Nebraska.

Casale, T. B. [Investigator]. Randomized, double-masked, placebo-controlled, multicenter dose-regimen study of the efficacy and safety of tolamba in ragweed-allergic rhinitis adults. Dynavax Technologies Corporation.

Casale, T. B., Bewtra, A. K., Hopp, R. J., Stokes, J., & Townley, R. G. [Investigators]. Monitoring the fractional concentration of exhaled nitric oxide (FeNO) in uncontrolled asthma before and after steroid therapy using the aperon no analyzer. Aperon Biosystems, Inc. — \$3,829.60 — [24 April 2006].

Casale, T. B., Bewtra, A. K., Hopp, R. J., Stokes, J., & Townley, R. G. [Investigators]. Phase II multicenter, randomized, double-blind, placebo-controlled, parallel-group study of the safety and efficacy of tacrolimus inhalation aerosol in subjects with persistent asthma. Astellas Pharma US, Inc. — \$82,000.00 — [1 August 2005].

Casale, T. B., Bewtra, A. K., Hopp, R. J., Stokes, J., & Townley, R. G. [Investigators]. Phase III multicenter study to demonstrate the sensitivity and specificity of aridol (mannitol) challenge to predict bronchial hyperresponsiveness as manifested by a positive exercise challenge in subjects presenting with signs and symptoms suggestive.... Pharmaxis, Ltd. — \$109,150.18 — [15 November 2005].

Casale, T. B., Bewtra, A. K., Hopp, R. J., Stokes, J., & Townley, R. G. [Investigators]. Randomized, double-masked, placebo-controlled, multicenter, dose-regimen study of the efficacy and safety of tolamba in ragweed-allergic rhinitis adults. Dynavax Technologies Corporation — \$10,000.00 — [21 April 2006].

Casale, T. B., Bewtra, A. K., Hopp, R. J., Stokes, J., & Townley, R. G. [Investigators]. Twenty-six-week, randomized, double-blind, parallel-group, placebo-controlled, multicenter study to evaluate the effect of xolair (omalizumab) on improving the tolerability of specific immunotherapy in patients with persistent allergic asthma. Novartis Pharmaceuticals Corporation — \$5,000.00 — [3 November 2005].

Cavalieri, S. J. [Investigator]. Influenza and respiratory syncytial virus surveillance. Surveillance Data, Inc. — \$800.00 — [1 June 2006].

Chakkalakal, D. [Investigator]. Overcoming drug resistance in breast cancer chemotherapy. State of Nebraska — \$40,000.00 — [1 January 2006-31 December 2006].

Chakkalakal, D. A. [Investigator]. Facilitation of functional recovery following acute spinal cord injury. U.S. Department of Veterans Affairs — [1 May 2006-30 April 2007].

Chakkalakal, D. A. [Investigator]. New methods to overcome chronic disorders of the cervical spine. U.S. Department of Veterans Affairs — [1 January 2007-30 June 2007].

Chakkalakal, D. A. [Investigator]. Response of astrocytes and Schwann cells to pulsed magnetic fields. Ron Shapiro Foundation — [1 March 2006-28 February 2007].

Chatterjee, A., Andresen, J., Carnazzo, J., Kratochvil, J., Moffatt, K., Moore, M., Sindelar, S., Specht, P., & Varman, M. [Investigators]. Open randomized, multicenter study of the safety tolerability and immunogenicity of proquad given concomitantly with prevnar in healthy children twelve to fifteen months of age. Merck & Company, Inc. — \$1,323.00 — [21 April 2006].

Chatterjee, A., Gray, C., Nagy, A., & Varman, M. [Investigators]. Phase III, double-blind, randomized controlled study to evaluate the safety immunogenicity and efficacy of GlaxoSmithKline biologicals hpv-16/18 I1/as04 vaccine administered intramuscularly according to a three-dose schedule (zero, one, six month) in healthy.... GlaxoSmithKline Company — \$14,170.00 — [1 March 2006].

Chatterjee, A., & Varman, M. [Investigators]. Multinational, randomized, double-blind, double-dummy comparative study to evaluate the efficacy and safety of telithromycin 25mg/kg given once daily for five or ten days depending on age and previous treatment history versus cefuroxime axetil 15mg/kg given.... Aventis Pharmaceuticals — \$5,700.00 — [26 September 2005].

Chatterjee, A., & Varman, M. [Investigators]. Multicenter, randomized, double-blind study comparing the clinical effects of intravenous montelukast with placebo in pediatric patients (ages six to fourteen years) with acute asthma. Merck & Company, Inc. — \$6,820.00 — [19 September 2005].

Cullen, D. [Investigator]. Health Future Foundation, School of Medicine research development: Anabolic action of Wnt in the adult skeleton. Health Future Foundation — \$75,878.00 — [24 February 2006-30 June 2006].

Cullen, D. [Investigator]. Pulsed electromagnetic fields to restore bone mass. EM Probe Technologies — \$5,000.00 — [1 October 2005].

Cullen, D., Akhter, M. P., Deng, H., & Yee, J. [Investigators]. Anabolic action of Wnt in the adult skeleton. National Institutes of Health — \$403,725.00 — [10 February 2006-30 November 2009].

Del Core, M., & Maciejewski, S. [Investigators]. Multicenter, double-blind, randomized study to establish the clinical benefit and safety of vytorin versus simvastatin monotherapy in high-risk subjects presenting with acute coronary syndrome (improved reduction of outcomes: Vytorin efficacy inter-improve it). Schering-Plough Foundation — \$5,400.00 — [1 February 2006].

Deng, H. [Investigator]. Genetic basis of osteoporotic fractures and bone mass. National Institutes of Health — \$20,205.00 — [1 July 2005-31 August 2005].

Dewan, N. A. [Investigator]. AASM/Pfizer visiting professorships in sleep medicine. Pfizer Inc. — \$7,500.00 — [1 April 2006].

Drescher, K. [Investigator]. UNMC COBRE: Role of neuregulins in myelin repair in the CNS and PNS. National Institutes of Health — \$267,286.00 — [1 July 2005-30 April 2006].

Drescher, K. [Investigator]. UNMC COBRE: Role of neuregulins in myelin repair in the CNS and PNS. National Institutes of Health — \$99,750.00 — [1 May 2006-30 April 2007].

Dunlay, R. W. [Investigator]. Educational grant for the therapeutic options for the treatment of psoriasis grand rounds. Amgen — \$5,000.00 — [16 November 2005].

Fernandez, C. [Investigator]. Healthy kids. State of Nebraska, Department of Health and Human Services — \$34,000.00 — [1 January 2006-31 October 2006].

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- Fitzgibbons, R. J. [Investigator]. American College of Surgery hernia outcomes registry. American College of Surgeons Oncology Group — \$28,342.00 — [1 January 2006-30 June 2006].
- Fitzgibbons, R. J. [Investigator]. Development of a registry for long-term follow-up of inguinal hernia patients managed by different treatment strategies. American College of Surgeons — \$100,952.00 per year — [1 March 2005].
- Fitzgibbons, R. J. [Investigator]. Inguinal hernia management: Watchful waiting versus operation. Agency for Health Care Research — \$6,292,335.00 — [1 September 99-31 December 2006].
- Fleming, A. D. [Investigator]. Maurice Grier symposium. Bard Interventional Products — \$1,000.00 — [22 September 2005].
- Fleming, A. D. [Investigator]. Maurice Grier symposium. Merck & Company, Inc. — \$2,000.00 — [22 September 2005].
- Fritzsich, B., & Beisel, K. [Investigators]. Health Future Foundation, School of Medicine research development: Generation of a transgenic mouse that enables overexpression of a gene of interest in an organ/cell specific quantitatively regulated way. Health Future Foundation — \$10,400.00 — [1 July 2005-30 June 2006].
- Fritzsich, B., & Beisel, K. [Investigators]. UNMC COBRE: The molecular biology of neurosensory systems. National Institutes of Health — \$44,778.00 — [1 July 2005-30 April 2006].
- Fritzsich, B., & Beisel, K. [Investigators]. UNMC COBRE: The molecular biology of neurosensory systems. National Institutes of Health — \$54,171.00 — [1 May 2006-30 April 2007].
- Gallagher, J. C., & Khandalavala, J. [Investigators]. Double-blind, randomized, placebo- and active-controlled efficacy and safety study of bazedoxifene/conjugated estrogens combinations for prevention of endometrial hyperplasia and prevention of osteoporosis in postmenopausal women. Wyeth-Ayerst Laboratories — \$11,203.13 — [1 January 2006].
- Galt, K. A., Bramble, J. D., Riley, L. A., Schaefer-Haines, J., & Siracuse, M. V. [Investigators]. Creighton Health Services research development project. Health and Human Services — \$249,991.00 — [1 March 2006-28 February 2008].
- Gatalica, Z. [Investigator]. MTHFR polymorphisms and cancer in Barrett's esophagus. State of Nebraska — \$26,551.00 — [1 January 2006-30 June 2007].
- Goering, R. V. [Investigator]. Epidemiological analysis of methicillin-resistant *Staphylococcus aureus* isolates. GlaxoSmithKline Company — \$44,520.00 — [15 July 2005].
- Goering, R. V. [Investigator]. Goering drug pool. Multiple sources — \$2,400.00 — [November 2005-December 2006].
- Goering, R. V. [Investigator]. UNMC INBRE: Nebraska research network in functional genomics-functional genomics core facility. National Institutes of Health — \$29,925.00 — [1 July 2005-30 April 2006].
- Goering, R. V. [Investigator]. UNMC INBRE: Nebraska research network in functional genomics-functional genomics core facility. National Institutes of Health — \$26,448.00 — [1 May 2006-30 April 2007].
- Gorby, G. L. [Investigator]. Educational support for infectious disease. Impact Group — \$1,000.00 — [1 August 2005].
- Gorby, G. L. [Investigator]. Educational support for infectious disease. Wyeth-Ayerst Laboratories — \$1,000.00 — [1 September 2005].

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- Gorby, G. L. [Investigator]. Nebraska Center for Bioterrorism Education. State of Nebraska, Department of Health and Human Services — \$13,440.00 — [1 July 2005-30 June 2006].
- Gorby, G. L. [Investigator]. Nebraska Center for Bioterrorism Education. State of Nebraska — \$20,620.00 — [1 January 2006-30 September 2006].
- Govindarajan, V. [Investigator]. Cancer Center development/molecular biologist project. Health Future Foundation — \$63,533.00 — [1 July 2005-31 January 2007].
- Govindarajan, V. [Investigator]. Cancer Center developmental/molecular biologist project. State of Nebraska — \$52,215.00 — [1 July 2005-31 January 2007].
- Govindarajan, V. [Investigator]. Ras signaling in corneal development. State of Nebraska — \$40,000.00 — [1 January 2006-31 December 2006].
- Govindarajan, V. [Investigator]. Targeted ablation of the lens in the murine eye. Health Future Foundation — \$20,000.00 — [1 July 2004-30 June 2006].
- Hallworth, R. [Investigator]. Nebraska Center for Cell Biology: Omaha imaging symposium. Boyce Scientific, Inc. — \$200.00 — [1 July 2005].
- Hallworth, R. [Investigator]. Nebraska Center for Cell Biology: Omaha imaging symposium. Li-Cor, Inc. — \$250.00 — [1 July 2005].
- Hallworth, R. [Investigator]. Nebraska Center for Cell Biology: Omaha imaging symposium. Olympus — \$1,000.00 — [1 July 2005].
- Hansen, L. [Investigator]. Analysis of the effects of topically applied agents to Tg.AC skin, Part 1 of 2. Connectics Corporation — \$98,428.00 — [1 September 2005-31 August 2006].
- Hansen, L. [Investigator]. Health Future Foundation, School of Medicine research development: Luminex multiplex instrument. Health Future Foundation — \$40,560.00 — [20 April 2006-30 June 2006].
- Hansen, L. [Investigator]. Mechanisms of tumorigenesis in Tg.AC mice. Connectics Corporation — \$50,000.00 — [1 July 2005-30 June 2006].
- Hansen, L. [Investigator]. UNMC COBRE: ERBB2 in cutaneous development and carcinogenesis. National Institutes of Health — \$297,396.00 — [1 July 2005-30 June 2006].
- Hansen, L., Beisel, K., Drescher, K., & Fritsch, B. [Investigators]. Role of ERBB2 in PNS, skin and ear as revealed by conditional mutation analysis. State of Nebraska — \$300,000.00 — [1 October 2005-30 September 2006].
- Hanson, N. D. [Investigator]. Characterization of β -lactamase resistance in *Escherichia coli*. Bio-Merieux Vitek, Inc. — \$4,320.00 — [10 January 2006-30 April 2006].
- Hanson, N. D. [Investigator]. Characterization of β -lactamase resistance using molecular diagnostics. Basel University Hospital — \$187.50 — [1 March 2006-30 December 2006].
- Hanson, N. D. [Investigator]. Characterization of β -lactamase resistance using molecular diagnostics. U.S. Department of Agriculture — \$396.00 — [31 August 2005].
- Hanson, N. D. [Investigator]. Comparisons of meropenem activity and molecular mechanisms of resistance to other anti-pseudomonal drugs in populations of *Pseudomonas aeruginosa* from the infected lungs of individual cystic fibrosis patients. AstraZeneca — \$32,772.00 — [15 January 2006-31 August 2007].

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- Hanson, N. D. [Investigator]. Research protocol for molecular characterization of AmpC resistance and associated plasmid profiles. Spectrum Health — \$900.00 — [1 March 2006].
- Hanson, N. D., Cavalieri, S. J., & Smith-Moland, E. [Investigators]. Surveillance for AmpC-mediated resistance in community isolates of *E. coli* and *Klebsiella spp.* Merck & Company, Inc. — \$18,750.00 — [1 October 2005].
- Hanson, N. D., Goering, R. V., & Smith-Moland, E. [Investigators]. Characterization of β -lactamase resistance and clonal relatedness in six strains of *Klebsiella pneumoniae*. BioMerieux Vitek, Inc. — \$3,600.00 — [1 January 2006-30 June 2006].
- Hanson, N. D., & Smith-Moland, E. [Investigators]. Vitek 2 susceptibility development trial data collection protocol: Gn13. BioMerieux Vitek, Inc. — \$16,008.00 — [1 April 2006].
- Haynatzki, G. [Investigator]. Biomedical computing tools for pancreatic cancer research. National Institutes of Health — \$33,892.00 — [1 April 2006-31 March 2007].
- Heaney, R. P. [Investigator]. Bone sparing by calcium salts with and without extra phosphorus. National Institutes of Health — \$157,929.00 — [1 September 2005-31 August 2007].
- Heaney, R. P. [Investigator]. Ethnic and environmental influences on vitamin D requirement in military personnel. U.S. Department of Defense — \$143,665.00 — [1 October 2005-30 September 2007].
- Heaney, R. P. [Investigator]. Longitudinal study of a pre-osteoporosis population. Health Future Foundation — Support has ended, but study remains ongoing.
- Heaney, R. P. [Investigator]. Phase IV single-blind, open-labeled, single-center, randomized, active-controlled, cross-over pilot study to evaluate the effects of two vitamin-D compounds: zemplar injection and hectorol intestinal absorption of calcium. Abbott Laboratories — \$70,114.56 — [21 October 2005-20 October 2006].
- Heaney, R. P., & Lappe, J. M. [Investigators]. Pilot project preparatory to a definitive study of the efficacy of milk mineral in human bone health. U.S. Department of Agriculture — \$75,000.00 — [11 November 2005-14 November 2006].
- Heaney, R. P., & Lund, R. J. [Investigators]. Evaluate effects of two vitamin D analogs on intestinal absorption of calcium. Abbott Laboratories — \$56,544.00 — [June 2006].
- Hilleman, D., Maciejewski, S., Mohiuddin, S. M., & Mooss, A. N. [Investigators]. Comparative effects of tricolor 160mg and the newly formulated tricolor 145mg on lipid parameters in patients with dyslipidemia. Abbott Laboratories — \$13,812.50 — [2 August 2005-1 November 2006].
- Hopp, R. J. [Investigator]. A study to evaluate the hypoallergenicity and tolerance of pediatric elemental 028, an amino acid-based formula for children aged one through ten.
- Huggett, K., Fleming, A. D., Frey, D., Jeffries, W. B., Porter, J., & Sakowski, H. A. [Investigators]. AMA medical education research consortium planning grant. American Medical Association — \$15,000.00 — [1 January 2006-31 December 2006].
- Jensen-Smith, H. C., & Hallworth, R. [Investigators]. Relative contributions of lateral wall components to outer hair cell mechanics. Deafness Research Foundation — \$20,000.00 — [1 July 2005-30 June 2007].
- Kizer, R. [Investigator]. Health Future Foundation discretionary: GI research fellow. Health Future Foundation — \$63,799.00 — [1 July 2005-30 June 2006].
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Lappe, J. M., Haynatzki, G., Jung, L. K., & Recker, R. R. [Investigators]. Use of risendronate in children on glucocortoids. State of Nebraska — \$69,745.00 — [1 October 2005-30 September 2006].

Lister, P. D. [Investigator]. Pharmacodynamics of imipenem and meropenem against *Pseudomonas aeruginosa* and *Klebsiella pneumoniae* producing plasmid-encoded AmpC cephalosporinases. Merck & Company, Inc. — \$34,534.50 — [31 October 2005].

Lister, P. D., & Smith, D. D. [Investigators]. Pharmacodynamics of dx-619 against methicillin-resistant *Staphylococcus aureus* in an *in vitro* pharmacokinetic model: Evaluation of impact of cmax/mic and auc/mic ratios and percent time above MIC on antibacterial activity. Daiichi Pharmaceutical Co., Ltd. — \$46,884.00 — [1 July 2005].

Loggie, B. [Investigator]. Cancer and smoking disease research program (LB 595): Cancer biology program component 2. State of Nebraska — \$110,000.00 — [1 July 2005-30 June 2006].

Loggie, B., & Govindarajan, V. [Investigators]. Cancer and smoking disease research program (LB 595): Cancer biology program component 3. State of Nebraska — \$170,000.00 — [1 July 2005-30 June 2006].

Loggie, B., & Wang, Z. [Investigators]. Cancer and smoking disease research program (LB 595): Cancer biology program component 1. State of Nebraska — \$170,000.00 — [1 July 2005-30 June 2006].

Lovas, S. [Investigator]. UNMC INBRE: Nebraska research network in functional genomics-bioinformatics core. National Institutes of Health — \$154,420.00 — [1 July 2005-30 April 2006].

Lovas, S. [Investigator]. UNMC INBRE: Nebraska research network in functional genomics-bioinformatics core. National Institutes of Health — \$85,811.00 — [1 May 2006-30 April 2007].

Lovas, S. [Investigator]. UNMC INBRE: Nebraska research network in functional genomics-proteomics core. National Institutes of Health — \$101,491.00 — [1 July 2005-30 April 2006].

Lovas, S. [Investigator]. UNMC INBRE: Nebraska research network in functional genomics-proteomics core. National Institutes of Health — \$99,104.00 — [1 May 2006-30 April 2007].

Lynch, H. T. [Investigator]. Early detection of urinary bladder cancer. National Institutes of Health — \$39,240.00 — [1 September 2005-31 August 2006].

Lynch, H. T. [Investigator]. Modifiers of brca1/2 associated cancer. National Institutes of Health — \$34,660.00 — [1 September 2005-31 August 2006].

Lynch, H. T. [Investigator]. Prophylactic surgery in carriers of brca1 and brca2 mutations. National Institutes of Health — \$15,300.00 — [1 September 2005-31 August 2006].

Lynch, H. T. [Investigator]. Spectral markers for early detection of colon neoplasia. National Institutes of Health — \$87,896.00 — [1 September 2005-31 July 2006].

Lynch, H. T., Drescher, K., Gatalica, Z., & Watson, P. [Investigators]. Cancer and smoking disease research program (LB 595): Hereditary cancer program component 3. State of Nebraska — \$92,226.00 — [1 July 2005-30 June 2006].

Lynch, H. T., & Watson, P. [Investigators]. Cancer and smoking disease research program (LB 595): Hereditary cancer program component 1. State of Nebraska — \$65,084.00 — [1 July 2005-30 June 2006].

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- Lynch, H. T., & Watson, P. [Investigators]. Cancer and smoking disease research program (LB 595): Hereditary cancer program component 2. State of Nebraska — \$92,690.00 — [1 July 2005-30 June 2006].
- Mackin, R. B. [Investigator]. Evaluation of human proinsulin for an ophthalmologic assay. University of California at Los Angeles — \$1,500.00 — [1 May 2006-30 April 2007].
- Mackin, R. B. [Investigator]. Evaluation of human proinsulin for diagnostic test kit. ALPCO Diagnostics — \$3,000.00 — [1 March 2006].
- Mackin, R. B. [Investigator]. Health Future Foundation, School of Medicine research development: Initial staffing of the proteomics core facility. Health Future Foundation — \$20,800.00 — [1 April 2006-30 June 2006].
- McGuire, M. H. [Investigator]. IPA Edward Fritz: New methods to overcome chronic disorders of the cervical spine. Veterans Administration — \$24,847.00 — [1 April 2006-30 June 2006].
- McGuire, M. H. [Investigator]. IPA Teresa Mollner: New methods to overcome chronic disorders of the cervical spine. Veterans Administration — \$30,074.00 — [1 April 2006-30 June 2006].
- McLaughlin, B., & Mackin, R. B. [Investigators]. Health Future Foundation, School of Medicine research development: Proteomics core facility. Health Future Foundation — \$454,480.00 — [1 July 2005-30 June 2006].
- McLaughlin, B., & Mackin, R. B. [Investigators]. Proteomics core facility. State of Nebraska — \$437,000.00 — [1 July 2005-30 June 2006].
- McLaughlin, B., & Swanson, P. [Investigators]. Florescence activated cell sorter for the flow cytometry core facility. State of Nebraska — \$439,906.00 — [1 July 2005-30 June 2006].
- McQuillan, R. J. [Investigator]. Health Future Foundation discretionary: Anesthesiology research program start-up. Health Future Foundation — \$30,000.00 — [1 July 2005-30 June 2006].
- McQuillan, R. J., Amao, R., Bramble, J. D., Forse, R. A., & Galt, K. A. [Investigators]. Changing safety culture in the perioperative area. Health Future Foundation — \$20,000.00 — [1 July 2005-30 June 2007].
- Mittal, S. [Investigator]. Controlled randomized study to evaluate and compare the efficacy of a hiatal hernia repair using a primary suture repair with and without the reinforcement of a prosthetic biomaterial (Gore dualmesh plus biomaterial) during laparoscopic Nissen fundoplic.... W. L. Gore & Associates, Inc. — \$1,150.00 — [16 January 2006].
- Mohiuddin, S. M. [Investigator]. Creighton Community Health Center. State of Nebraska — \$290,757.00 — [1 October 2005-30 June 2006].
- Mohiuddin, S. M. [Investigator]. Every woman matters: Wisewoman program-Women's Community Health Center. State of Nebraska, Department of Health and Human Services — \$40,000.00 — [1 July 2005-30 June 2006].
- Mohiuddin, S. M. [Investigator]. Health Future Foundation, School of Medicine research development: Creighton Community Health Center. Health Future Foundation — \$302,387.00 — [1 October 2005-30 June 2006].
- Mohiuddin, S. M. [Investigator]. National African American tobacco education network (NAATEN). State of Nebraska, Department of Health and Human Services — \$4,050.00 — [15 March 2006-29 June 2006].

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- Mohiuddin, S. M. [Investigator]. Nebraska Health and Human Services HIV counseling, testing, referral, and partner counseling and referral services: Women's Community Health Center for Minority Women. State of Nebraska, Department of Health and Human Services — \$5,000.00 — [1 January 2006-31 December 2006].
- Mohiuddin, S. M. [Investigator]. Nurse-assisted tobacco treatment initiative. State of Nebraska, Department of Health and Human Services — \$5,000.00 — [1 September 2005-31 August 2006].
- Mohiuddin, S. M. [Investigator]. Smoke-free multifamily home project. Environmental Protection Agency — \$20,000.00 — [1 October 2005-30 June 2006].
- Mohiuddin, S. M. [Investigator]. Supplemental media strategies to reduce exposure to secondhand smoke. State of Nebraska, Department of Health and Human Services — \$3,400.00 — [17 October 2005-30 June 2006].
- Mohiuddin, S. M. [Investigator]. Women's Community Health Center. State of Nebraska — \$86,512.00 — [1 July 2005-30 September 2005].
- Mooss, A. N., Hee, T. T., Hilleman, D., Li, H., Maciejewski, S., Rovang, K., & Williams, M. A. [Investigators]. T-wave alternans in acute myocardial infarction: An evaluation of the time of testing on its prognostic accuracy. Medtronic, Inc — \$10,000.00 — [7 July 2005-6 July 2006].
- Mooss, A. N., Maciejewski, S., & Mohiuddin, S. M. [Investigators]. Randomized double-blind placebo-controlled forced-titration phase IV study comparing telmisartan 80mg + hydrochlorothiazide 25mg versus valsartan 160mg + hydrochlorothiazide 25mg taken orally for eight weeks in patients with stage 1 or stage 2 hypertension. Boehringer Ingelheim Pharmaceuticals, Inc. — \$4,890.00 — [1 October 2005].
- Morrow, L. E. [Investigator]. Magis Clinic at Sienna Francis House: 2005 humanitarian award. American College of Chest Physicians — \$5,000.00 — [20 September 2005-30 September 2006].
- Morrow, L. E., & Casale, T. B. [Investigators]. Probiotic prophylaxis of ventilator-associated pneumonia. National Institutes of Health — \$126,676.00 — [8 August 2005-31 July 2010].
- Morrow, L. E., & Casale, T. B. [Investigators]. Probiotic prophylaxis of ventilator associated pneumonia. State of Nebraska — \$97,315.00 — [1 October 2005-30 September 2006].
- Morrow, L. E., Malesker, M. A., Schuller, D., & Wichman, T. [Investigators]. Phase IV, randomized, double-blind, multicenter, comparator study evaluating the safety of dexmedetomidine compared to IV midazolam in ICU subjects requiring greater than twenty-four hours of continuous sedation. Omnicare Clinical Research, Inc. — \$5,500.00 — [1 July 2005].
- Morrow, L. E., Schuller, D., & Wichman, T. [Investigators]. Linezolid in the treatment of subjects with nosocomial pneumonia proven to be due to methicillin-resistant *Staphylococcus aureus*. Pfizer Inc. — \$5,385.00 — [1 November 2005].
- Murphy, R. F. [Investigator]. UNMC INBRE: Nebraska research network in functional genomics-program direction core. National Institutes of Health — \$46,116.00 — [1 July 2005-30 April 2006].
- Murphy, R. F. [Investigator]. UNMC INBRE: Nebraska research network in functional genomics-project direction. National Institutes of Health — \$45,778.00 — [1 May 2006-30 April 2007].
- Nichols, M., & Yee, J. [Investigators]. INBRE: Response of osteogenic cells to optical stretching. National Institutes of Health — \$51,626.00 — [1 July 2005-30 April 2006].
- O'Brien, J. [Investigator]. Health Future Foundation, School of Medicine research development: Effects of genistein and omega-3 fatty acids on human colorectal cancer cell lines and Kupffer cells. Health Future Foundation — \$68,755.00 — [1 March 2006-30 June 2007].
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Pedersen, W. A. [Investigator]. Effect of PPAR gamma compounds in the APP Tg2576 mouse. GlaxoSmithKline Company — \$280,000.00 — [1 January 2006-31 December 2007].

Petzel, D. H., Scofield, M. A., Dowd, F. J., & Brauer, P. R. [Investigators]. Drinking and Na/K-ATPase alpha-subunit isoform expression in Antarctic fish. National Science Foundation — \$407,000.00 — [1 August 2003-30 July 2007].

Ramaswamy, S. [Investigator]. Open-label prophylaxis study of lithium plus extended-release carbamazepine (ERC-CBZ) combination for rapid cycling bipolar disorder. Shire Pharmaceuticals — \$45,360.00 — [15 December 2005].

Ramaswamy, S., Petty, F., & Wilson, D. R. [Investigators]. Association between antipsychotic induced hyperleptinemia and bone mineral density and bone metabolism in male and premenopausal women. National Alliance for Research on Schizophrenia & Depression — \$30,000.00 — [1 July 2005-30 December 2006].

Recker, R. R. [Investigator]. Bone biology and tobacco program component 2. State of Nebraska — \$143,204.00 — [1 July 2005-30 June 2006].

Recker, R. R. [Investigator]. Double-blind, placebo-controlled, multicenter, sixteen-week study to assess the effect of vitamin D3 8400 IU once weekly on body sway and neuromuscular function in men and women over seventy years old. Merck & Company, Inc. — \$21,302.40 — [12 September 2005].

Recker, R. R. [Investigator]. Double-blind, placebo-controlled, randomized, multicenter study to assess the efficacy and safety of oral ibandronate 150mg once monthly in postmenopausal women with osteopenia. Hoffmann-LaRoche, Inc. — \$10,476.00 — [15 December 2005].

Recker, R. R. [Investigator]. Histomorphometry and micro CT data from normal adult Caucasian humans. Procter & Gamble Company — \$107,489.70 — [1 July 2005].

Recker, R. R. [Investigator]. Micro CT morphometric analysis of human transilial biopsy specimens from protocol MF 4411. GlaxoSmithKline Company — \$83,750.00 — [1 July 2005].

Recker, R. R. [Investigator]. Phase III, multicenter, double-blind, randomized, active-controlled, parallel-group, non-inferiority study comparing 150mg risedronate monthly with 5mg risedronate daily in the treatment of postmenopausal osteoporosis as assessed at twelve and twenty-four months. Sanofi-Synthelabo, Inc. — \$12,832.00 — [1 November 2005].

Recker, R. R. [Investigator]. Randomized, double-blind study to compare the efficacy of treatment with denosumab versus alendronate sodium in postmenopausal women with low bone mineral density. Amgen, Inc. — \$2,500.00 — [13 March 2006].

Recker, R. R. [Investigator]. Zolendronic acid project, zol446h: Study #zol2301e1. Novartis Pharmaceuticals Corporation — \$32,500.00 — [1 July 2005].

Recker, R. R., & Cullen, D. [Investigators]. Bone biology and tobacco program component 1. State of Nebraska — \$186,796.00 — [1 July 2005-30 June 2006].

Recker, R. R., & Lappe, J. M. [Investigators]. Idiopathic osteoporosis in premenopausal women. National Institutes of Health — \$137,202.00 — [1 March 2006-28 February 2007].

Recker, R. R., & Lappe, J. M. [Investigators]. Robust and powerful test of candidate genes to bone mass. National Institutes of Health — \$258,343.00 — [1 September 2005-31 March 2006].

Recker, R. R., & Lappe, J. M. [Investigators]. Robust and powerful test of candidate genes to bone mass. National Institutes of Health — \$170,332.00 — [1 April 2006-31 August 2006].

Reidelberger, R. [Investigator]. Prasanth Chelikani: Role of peptide YY(3-36) in the regulation of food intake and body weight. Canadian Institutes of Health Research — \$42,437.00 — [1 July 2005-30 June 2008].

Reidelberger, R. [Investigator]. Regulation of food intake and body adiposity by peptide YY. National Institutes of Health — \$247,958.00 — [15 February 2006-31 January 2011].

Reidelberger, R. D. [Investigator]. Research career scientist award. U.S. Department of Veterans Affairs — \$780,000.00 — [1 April 2004-31 March 2009].

Rendell, M. S. [Investigator]. Multicenter, randomized, double-blind, parallel-group, placebo-controlled study to assess the efficacy and safety of twelve-week treatment with vildagliptin (LA237) 50mg qd in subjects with impaired glucose tolerance (IGT). Novartis Pharmaceuticals Corporation — \$30,741.96 — [1 August 2005].

Rendell, M. S. [Investigator]. Multicenter, randomized, double-blind, placebo-controlled, phase III trial to evaluate the efficacy and safety of saxagliptin (BMS-477118) as monotherapy in subjects with type 2 diabetes who have inadequate glycemic control with diet and exercise. Bristol-Myers Squibb — \$22,118.50 — [1 July 2005].

Rendell, M. S. [Investigator]. Multicenter, randomized, double-blind, placebo-controlled phase III trial to evaluate the efficacy and safety of saxagliptin (BMS-477118) in combination with metformin in subjects with type 2 diabetes who have inadequate glycemic control on metformin alone. Bristol-Myers Squibb — \$23,728.00 — [1 July 2005].

Rendell, M. S. [Investigator]. Phase I/IIa, randomized, placebo-controlled, double-blind, parallel-group study of safety tolerability pharmacokinetics and activity of fourteen days of oral dosing with the 2s,4r enantiomer of ketoconazole (dio-902) in subjects with type 2 diabetes mellitus. DiObex, Inc. — \$1,779.68 — [1 February 2006].

Rendell, M. S. [Investigator]. Phase II, randomized, double-blind, placebo-controlled, twenty-four-week dose finding study to evaluate the efficacy and safety of 20 mg, 40mg and 80mg of MCC-257 in patients with mild to moderate diabetic polyneuropathy. Mitsubishi Pharma Corporation — \$16,667.00 — [1 January 2006].

Rendell, M. S. [Investigator]. Pivotal, long-term, open-label, parallel study of the efficacy and safety of human insulin inhalation powder in patients with type 1 diabetes mellitus. Eli Lilly and Company — \$27,495.00 — [1 August 2005].

Rendell, M. S. [Investigator]. Randomized, double-blind, fifty-two-week, parallel-group, multicenter phase 111b study to evaluate the effects of rosuvastatin 10mg rosuvastatin 40mg and atorvastatin 80mg on urinary protein excretion in hypercholesterolaemic diabetic patients with moderate AstraZeneca — \$4,400.00 — [1 January 2006].

Rendell, M. S. [Investigator]. Randomized, double-blind, placebo-controlled, forced-titration, phase IV study comparing telmisartan 80mg + hydrochlorothiazide 25mg versus valsartan 160mg + hydrochlorothiazide 25mg taken orally for eight weeks in patients with stage 1 or stage 2 hypertension. Boehringer Ingelheim Pharmaceuticals, Inc. — \$6,373.12 — [1 August 2005].

Rendell, M. S. [Investigator]. Randomized, double-blind, placebo-controlled, multicenter phase II study designed to assess the efficacy and safety of FK1706 in subjects with painful diabetic neuropathy. Astellas Pharma US, Inc. — \$19,250.00 — [1 November 2005].

Rendell, M. S. [Investigator]. Randomized, double-blind, placebo-controlled, multicenter study evaluating the efficacy and safety of adding symlin to lantus (insulin glargine) in subjects with type 2 diabetes who are not achieving glycemic targets. Amylin Pharmaceuticals, Inc. — \$116,996.80 — [1 October 2005].

Rendell, M. S. [Investigator]. Twelve-week, multicenter, randomized, double-blind, parallel-group, dose-ranging study to assess the efficacy safety and tolerability of laf237a 25mg bid 25 50 100mg od compared to placebo in patients with type 2 diabetes and forty-week extension to a twelve-week mul.... Novartis Pharmaceuticals Corporation — \$14,798.13 — [1 August 2005].

Romero, J. R., Fernandez, C., Hudson, C., Moffatt, K., O'Keefe, C., & Yaghmour, A. [Investigators]. Phase IV randomized partially blinded multicenter study to evaluate the safety and immunogenicity of a booster vaccination with GlaxoSmithKline's tetanus toxoid reduced diphtheria toxoid and acellular pertussis vaccine adsorbed (TDAP boostrix) co-admin.... GlaxoSmithKline Company — \$1,500.00 — [1 February 2006].

Sattar, S., & Petty, F. [Investigators]. Twelve-week, prospective, double-blind, placebo-controlled, randomized clinical trial of quetiapine for alcohol dependence and comorbid anxiety. Health Future Foundation — \$20,000.00 — [1 July 2005-30 June 2007].

Schuller, D., Canaday, P. D., Morrow, L. E., & Wichman, T. [Investigators]. Multicenter, three-year longitudinal prospective study to identify novel endpoints and compare these with forced expiratory volume in one second (FEV-1) for their ability to measure and predict COPD severity and its progression over time. GlaxoSmithKline Company — \$102,443.04 — [1 March 2006].

Schuller, D., Morrow, L. E., & Wichman, T. [Investigators]. Prospective observational study for the psychometric validation of patient-reported questionnaire in acute exacerbation of chronic obstructive pulmonary disease. GlaxoSmithKline Company — \$2,945.30 — [13 September 2005].

Shen, X., Esterbrooks, D. J., Holmberg, J., Maciejewski, S., Mohiuddin, S. M., & Mooss, A. N. [Investigators]. Effects of insulin on myocardial microangiopathy in diabetics. Health Future Foundation — \$19,794.00 — [1 July 2005-30 June 2007].

Silberstein, P. T. [Investigator]. Missouri Valley Cancer Consortium: Central administration. National Institutes of Health — \$727,130.00 — [1 June 2006-31 May 2007].

Silberstein, P. T., & Townley, P. [Investigators]. Phase III, multicenter, multi-national, randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of alfimeprase in subjects with occluded central venous access devices. Nuvelo, Inc. — \$5,500.00 — [29 August 2005].

Silberstein, P. T., & Townley, R. G. [Investigators]. Assess the impact of once-per-cycle correction and maintenance dosing of darbepoetin alfa in subjects with non-myeloid malignancies with anemia due to chemotherapy. Amgen, Inc. — \$3,000.00 — [2 August 2005].

Soukup, G. A. [Investigator]. RNAi-like post-transcriptional gene slicing in *E. coli*. Health Future Foundation — 20,000 — [1 July 2004-30 June 2006].

Soukup, G. A. [Investigator]. UNMC COBRE: Project 1 role of micrnas in development of the ear. National Institutes of Health — \$256,500.00 — [1 May 2006-30 April 2007].

Soukup, G. A. [Investigator]. UNMC COBRE: Project 1 role of micrnas in development of the ear: The molecular biology of neurosensory systems. National Institutes of Health — \$320,525.00 — [1 July 2005-30 April 2006].

Stokes, J., & Casale, T. B. [Investigators]. Effects of mometasone DPI on markers of airway inflammation. Schering-Plough Research Institute — \$20,283.80 — [1 September 2005].

Sullivan, P., Dickel, C. T., Haynatzki, G., & Wilson, D. R. [Investigators]. Program and infrastructure for violence and behavior research. State of Nebraska — \$275,000.00 — [1 October 2005-30 September 2006].

Svolos, T. [Investigator]. Health Future Foundation discretionary: Travel grant: Dr. Jean-Pierre Klotz. Health Future Foundation — \$1,000.00 — [27 January 2006-30 June 2006].

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- Swanson, P. [Investigator]. Rag mechanisms in lymphoid cell development and cancer. State of Nebraska — \$82,120.00 — [1 October 2005-30 September 2006].
- Thomas, P., Bajenova, O., & Forse, R. A. [Investigators]. Health Future Foundation, School of Medicine research development: CFA receptor structure function and metastasis. Health Future Foundation — \$147,258.00 — [1 July 2005-30 June 2006].
- Thomas, P., Bajenova, O., & Forse, R. A. [Investigators]. Health Future Foundation, School of Medicine research development: Endotoxin processing by Kupffer cells. Health Future Foundation — \$80,918.00 — [1 July 2005-30 June 2006].
- Thomson, K. S., Black, J., & Smith-Moland, E. [Investigators]. Comparison of Phoenix and vitak 2 ESBL confirmatory tests against *E. coli* and *Klebsiella* isolates with well-characterized β -lactamases. Becton Dickinson and Company — \$17,760.00 — [1 August 2005].
- Thomson, K. S., Hanson, N. D., & Smith-Moland, E. [Investigators]. Analysis of β lactamases of three *K. pneumoniae* isolates. Hahnemann University Hospital — \$1,020.00 — [1 November 2005-28 February 2006].
- Thomson, K. S., Hanson, N. D., & Smith-Moland, E. [Investigators]. Detection of plasmic-mediated AmpC β lactamases. Merck & Company, Inc. — \$26,940.00 — [1 September 2005].
- Thomson, K. S., & Smith-Moland, E. [Investigators]. *In vitro* activity of tigecycline against *Acinetobacter baumannii*. Wyeth-Ayerst Laboratories — \$98,688.00 — [1 August 2005].
- Townley, R. G. [Investigator]. Effect of fluticasone plus salmeterol on BHR in mice treated with IL-13. GlaxoSmithKline.
- Townley, R. G. [Investigator]. Effect of singulair on BHR in mice treated with IL-13. Merck Pharmaceuticals.
- Townley, R. G. [Investigator]. Health Future Foundation discretionary: GHEC meeting. Health Future Foundation — \$3,000.00 — [1 March 2006-30 June 2006].
- Townley, R. G. [Investigator]. Randomized, double-blind, placebo-controlled study of xolair on eNO exhaled breath condensate and basophil in moderate to severe asthma. Novartis Pharmaceuticals.
- Townley, R. G., Bewtra, A. K., Casale, T. B., Hopp, R. J., & Stokes, J. [Investigators]. Multicenter, randomized, double-blind, triple-dummy, placebo-controlled, parallel-group, four-week study assessing the efficacy of fluticasone propionate aqueous nasal spray 200mcg qd versus montelukast 10mg qd in adolescent and adult subjects with asthma and s.... GlaxoSmithKline Company — \$2,500.00 — [1 July 2005].
- Townley, R. G., Bewtra, A. K., Casale, T. B., & Stokes, J. [Investigators]. Effect of roflumilast *in vitro* on basophil histamine and leukotriene IL-4 AND IL-13 release. Altana Pharma, US, Inc. — \$22,067.10 — [1 April 5 2006].
- Townley, T. [Investigator]. Development of the NEBRASKA AHEC network-urban AHEC. Health and Human Services — \$48,101.00 — [1 September 2005-31 August 2006].
- Tu, Y. [Investigator]. UNMC COBRE: G-protein coupled receptor signaling and prostate cancer progression. National Institutes of Health — \$71,250.00 — [1 July 2005-30 June 2006].
- Tu, Y., & Scofield, M. A. [Investigators]. Molecular mechanism of G alpha 12 in prostate cancer. State of Nebraska — \$98,538.00 — [1 October 2005-30 September 2007].
- Tu, Y. P. [Investigator]. Role of the N terminus of G alpha subunits in RGS-mediated regulation. American Heart Association — [1 January 2002-30 September 2007].
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Wang, Z. [Investigator]. ER-alpha36 and development of ER-negative breast cancer. Susan G. Komen Breast Cancer Foundation — \$125,000.00 — [1 May 2006-30 April 2008].

Wang, Z. [Investigator]. Estrogen signaling in normal and transformed cell growth. National Institutes of Health — \$294,175.00 — [1 April 2006-31 March 2011].

Wang, Z. [Investigator]. UNMC COBRE: Nebraska Center for Cellular Signaling. National Institutes of Health — \$15,273.00 — [1 July 2005-30 June 2006].

Wang, Z. Y. [Investigator]. Characterization of a novel receptor alpha. State of Nebraska — \$100,000.00 — [1 October 2004-30 September 2005].

Wang, Z. Y. [Investigator]. RbAP46: Roles in breast cancer progression. National Institutes of Health — \$192,375 — [1 January 2005-30 June 2006].

Wang, Z. Y. [Investigator]. Retinoblastoma tumor suppressor associated protein 46: Application in diagnosis and treatment of malignant mesothelioma. Health Future Foundation — \$20,000.00 — [1 July 2004-30 June 2006].

Weston, M. D. [Investigator]. UNMC COBRE: Pilot 2 transgenic control of microrna inner ear expression. National Institutes of Health — \$21,375.00 — [1 May 2006-30 April 2007].

Wilson, D. R. [Investigator]. AACDP distinguished visiting professorship award in psychiatry. American Association of Chairs of Departments of Psychiatry — \$8,000.00 — [15 August 2005-14 August 2007].

Wilson, D. R. [Investigator]. Ethnicity and diagnosis of affective illness. National Institutes of Health — \$39,936.00 — [15 July 2005-30 June 2009].

Wilson, D. R., Fernandes, P., & Petty, F. [Investigators]. Relapse prevention: Long-acting atypical antipsychotics. National Institutes of Health — \$201,709.00 — [1 February 2006-31 December 2010].

School of Nursing

Heaney, R. P., & Lappe, J. M. [Investigators]. Pilot project preparatory to a definitive study of the efficacy of milk mineral in human bone health. U.S. Department of Agriculture — \$75,000.00 — [15 November 2005-11 January 2006].

Lappe, J. M., Haynatzki, G., Jung, L. K., & Recker, R. R. [Investigators]. Use of risendronate in children on glucocortoids. State of Nebraska — \$69,745.00 — [1 October 2005-30 September 2006].

Norris, J. [Investigator]. Advanced education nursing traineeships. U.S. Department of Health and Human Services, Division of Nursing — \$24,717.00 — [2005-2006].

Pinch, W. J. E. [Investigator]. Women and Health 17th annual lecture: My sister's keeper: The facts behind the fiction presented by Jodi Picoult. Nebraska Humanities Council — \$6,131.00 — [March 2006-September 2006].

Recker, R. R., & Lappe, J. M. [Investigators]. Idiopathic osteoporosis in premenopausal women. National Institutes of Health — \$137,202.00 — [1 March 2006-28 February 2007].

Recker, R. R., & Lappe, J. M. [Investigators]. Robust and powerful test of candidate genes to bone mass. National Institutes of Health — \$258,343.00 — [1 September 2005-31 March 2006].

Recker, R. R., & Lappe, J. M. [Investigators]. Robust and powerful test of candidate genes to bone mass. National Institutes of Health — \$170,332.00 — [1 April 2006-31 August 2006].

Sandhurst, H. C., & Cosimano, A. [Investigators]. The positive pregnancy project. March of Dimes Foundation — \$5,528.00 — [1 January 2006-31 December 2006].

Schwartz, M. D. [Investigator]. Creighton University School of Nursing and Alegent school health partnership. Alegent Health — \$147,598.00 — [1 July 2005-31 December 2006].

School of Pharmacy and Health Professions

Barr, C., & Dash, A. K. [Investigators]. Challenges associated with national pharmaceutical stockpile to respond to terrorist event and some viable alternative. School of Pharmacy and Health Professions Faculty Research Development — \$12,880.00 — [2004-2005].

Bartz, J., & Kincaid, A. E. [Investigators]. Mechanisms of prion strain selection. National Institutes of Health — \$290,588.00 — [1 April 2006-31 March 2011].

Bartz, J., & Kincaid, A. E. [Investigators]. UNL COBRE: Prion strain completion in the central nervous system. National Institutes of Health — \$178,125.00 — [26 September 2005-30 April 2006].

Bessen, R. A., & Kincaid, A. E. [Investigators]. Routes of prion neuroinvasion following oral infection. National Institutes of Health, NIAID — \$1,100,000.00 — [1 May 2003-31 May 2006].

Bradberry, J. C. [Investigator]. Health Future Foundation program: Research in the School of Pharmacy and Health Professions. Health Future Foundation — \$115,000.00 — [1 July 2005-30 June 2007].

Coover, K., Hilleman, D., & Ryan-Haddad, A. [Investigators]. Prevalence and treatment of hypertension in the elderly: Emphasis on long-term care facilities. Novartis Pharmaceuticals Corporation — \$15,600.00 — [14 March 2006].

Dash, A. K. [Investigator]. Gowri Murthy: A novel mucoadhesive gel delivery system for the treatment of breast cancer. American Foundation for Pharmaceutical Education — \$5,000.00 — [1 June 2006-31 May 2007].

Dash, A. K. [Investigator]. A novel *in situ* gel drug delivery system for breast cancer treatment. U.S. Department of Defense — \$106,875.00 — [1 July 2005-31 July 2007].

Dash, A. K. [Investigator]. Preformulation and formulation development for a novel radioprotectant: ON1210.NA. Palm Pharmaceuticals — \$26,000.00 — [2004-Present].

Destache, C. [Investigator]. Neuroprotective vaccination for Parkinson's disease. National Institutes of Health — \$34,810.00 — [1 July 2005-30 June 2006].

Galt, K. A. [Investigator]. Health Future Foundation program: Research program in health care quality and safety. Health Future Foundation — \$108,842.00 — [1 July 2005-30 June 2006].

Galt, K. A., Bramble, J. D., Riley, L. A., Schaefer-Haines, J., & Siracuse, M. V. [Investigators]. Creighton Health Services research development project. Health and Human Services — \$249,991.00 — [1 March 2006-28 February 2008].

Galt, K. A., & Raynovich, W. [Investigators]. HRSA bioterrorism/public health emergency grant: Nebraska bioterrorism/public health emergency curricular enhancement project. Health and Human Services — \$43,200.00 — [1 October 2005-30 September 2008].

Goertz, H. [Investigator]. Project focus (Finding our call: Uniting and serving) adolescents. Corporation for National Service — \$2,000.00 — [1 January 2006-15 June 2006].

Gross, S., Singh, S., & Dash, A. K. [Investigators]. Acquisition of a state of the art gel permeation chromatographic system. U.S. Department of Defense — \$69,989.00 — [1 May 2005-30 April 2006].

Haddad, A. M. [Investigator]. Ethical issues in public health policy in post-Soviet countries: Changing attitudes and practices towards respect and autonomy. Rockefeller Foundation — \$8,845.00 — [1 February 2006-31 May 2006].

Haddad, A. M. [Investigator]. Health Future Foundation endowment: Center for Health Policy and Ethics. Health Future Foundation — \$374,366.00 — [1 July 2005-30 June 2006].

Haddad, A. R., Coover, K., & Faulkner, M. A. [Investigators]. Integration of service-learning and reflection into a geriatric pharmacy course. Corporation for National Service — \$2,000.00 — [1 January 2006-3 November 2006].

Hilleman, D., Christensen, K., Foral, P., & Malesker, M. A. [Investigators]. Insulin infusion protocols in the icu: An efficiency evaluation. LifeScan — \$50,940.00 — [15 February 2006].

Hilleman, D., Maciejewski, S., Mohiuddin, S. M., & Mooss, A. N. [Investigators]. Comparative effects of tricolor 160mg and the newly formulated tricolor 145mg on lipid parameters in patients with dyslipidemia. Abbott Laboratories — \$13,812.50 — [2 August 2005-11 January 2006].

Jensen, G. M., Cochran, T. M., Coppard, B. M., & Haddad, A. M. [Investigators]. Circles of learning: Community and clinic as interdisciplinary classroom. Health and Human Services — \$203,298.00 — [1 July 2005-31 December 2006].

Kincaid, A. E., & Bartz, J. [Investigators]. Determination of prion transport via intranasal routes. State of Nebraska — \$104,878.00 — [1 October 2005-30 September 2006].

Limpach, A. L. [Investigator]. Presentation of genes involved in cartilage differentiation. National Science Foundation/EPSCor — \$1,800.00 — [July 2005-December 2005].

Limpach, A. L. [Investigator]. The role of Hoxc8 in cartilage differentiation and maturation. School of Pharmacy and Health Professions Faculty Research Development Grant — \$10,285.00 — [2005-2006].

McQuillan, R. J., Amao, R., Bramble, J. D., Forse, R. A., & Galt, K. A. [Investigators]. Changing safety culture in the perioperative area. Health Future Foundation — \$20,000.00 — [1 July 2005-30 June 2007].

Mooss, A. N., Hee, T. T., Hilleman, D., Li, H., Maciejewski, S., Rovang, K., & Williams, M. A. [Investigators]. T-wave alternans in acute myocardial infarction: An evaluation of the time of testing on its prognostic accuracy. Medtronic, Inc — \$10,000.00 — [7 July 2005-6 July 2006].

Morrow, L. E., Malesker, M. A., Schuller, D., & Wichman, T. [Investigators]. Phase IV, randomized, double-blind, multicenter, comparator study evaluating the safety of dexmedetomidine compared to IV midazolam in ICU subjects requiring greater than twenty-four hours of continuous sedation. Omnicare Clinical Research, Inc. — \$5,500.00 — [1 July 2005].

Shara, M. [Investigator]. Evaluation of brain tissues neurotransmitters following oral administration of super citrimax (HCA-SX) and chromemate for one year. InterHealth Nutritionals, Inc. — \$15,000.00 — [15 June 2006].

Singh, S. [Investigator]. Shed snake skin as a model membrane for assessing percutaneous absorption of drugs in humans. Health Future Foundation — \$20,000.00 — [1 July 2005-30 June 2007].

Skrabal, M. Z., & Stading, J. A. [Investigators]. 80+ hemorrhagic cohort study. Massachusetts Veterans Epidemiology Research and Information Center — \$3,000.00 — [September 2004-September 2006].

Other Creighton Grants

Bothmer, J. A. [Investigator]. Health Future Foundation discretionary: Health Sciences library. Health Future Foundation — \$35,110.00 — [1 July 2005-30 June 2006].

Bothmer, J. A. [Investigator]. National Network of Libraries of Medicine regional medical library liaison program. National Institutes of Health — \$102,780.00 — [1 May 2006-30 April 2011].

Buffalohead-McGill, T. [Investigator]. Student support services program. U.S. Department of Education — \$271,505.00 — [1 September 2005-31 August 2009].

Chadwick, S. [Investigator]. Strengthening service-learning and community partnerships at Creighton University. Corporation for National Service — \$20,000.00 — [1 July 2005-3 November 2006].

Chadwick, S. & Pawlowski, D. R. [Investigators]. Strengthening the foundation of service-learning development assessment and evaluation. Corporation for National Service — \$17,595.00 — [1 January 2006-3 November 2006].

Crowder, A. & Pearson, W. [Investigators]. Classic Upward Bound trio program. U.S. Department of Education — \$537,874.00 — [1 September 2005-31 August 2006].

Lynch, J. [Investigator]. Educational talent search program. U.S. Department of Education — \$305,503.00 — [1 September 2005-31 August 2006].

Reed-Bouley, K. [Investigator]. Spring break trips: Hurricane Katrina rebuilding in Gulfport, Mississippi. Corporation for National Service — \$2,000.00 — [3 January 2006-31 March 2006].

Salzinger, F. [Investigator]. Health Future Foundation discretionary: Marketing/public relations campaign for research in health sciences. Health Future Foundation — \$70,000.00 — [21 March 2006-30 June 2007].

Smith, T. [Investigator]. Educational Opportunity Center for Adult Learners. U.S. Department of Education — \$255,385.00 — [1 September 2005-31 August 2006].

Taggart, K. J. [Investigator]. Health Future Foundation discretionary: AAHRPP accreditation workshop. Health Future Foundation — \$4,184.00 — [19 April 2006-30 June 2006].



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Theses and Dissertations

August 2005

Liu, Yaozhong. Genetic linkage to human height is confirmed at 9q22 and Xq24. Doctor of Philosophy (Biomedical Sciences) – Dr. Hong-Wen Deng (Major Advisor).

Liu, Yongjun. Whole genome linkage scan and association analysis for obesity genes. Doctor of Philosophy (Biomedical Sciences) – Dr. Hong-Wen Deng (Major Advisor).

Song, L. Development of cochlear nonlinearities in normal and Tshr mutant mice. Doctor of Philosophy (Biomedical Sciences) – Dr. Edward Walsh (Major Advisor).

December 2005

Borics, A. Conformational properties of β -turn forming model tetrapeptides examined using a combination of theoretical and experimental methods. Doctor of Philosophy (Biomedical Sciences) – Dr. Sándor Lovas (Major Advisor).

Cantemir, V. Role of membrane-type matrix metalloproteinases and tissue inhibitor of matrix metalloproteinase in neural crest cell migration. Doctor of Philosophy (Biomedical Sciences) – Dr. Philip R. Brauer (Major Advisor).

Heredi-Szabo, K. Biological effects of 1GnRH-III and its analogs on human cancer cells expressing GnRH receptors. Doctor of Philosophy (Biomedical Sciences) – Dr. Sándor Lovas (Major Advisor).

Hervert, J. S. Measuring intensity ratios of L x-rays for selected elements ranging from Z=39 to Z=50 using x-ray fluorescence. Master of Science (Physics) – Dr. Sam J. Cipolla (Major Advisor).

Licate, L. Zenith angle dependence of the fluxes of prompt muons and neutrinos. Master of Science (Physics) — Dr. Gintaras Duda (Major Advisor).

Novella, N. S. The identification of Gulf surge events at Yuma, Arizona and their relationship with the Mexican monsoon. Master of Science (Atmospheric Sciences) – Dr. Arthur V. Douglas (Major Advisor).

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Abdalhamid, B. The Influence of ampC expression and penicillin binding protein binding on the variation of β -lactam induction potential in three genera of *Enterobacteriaceae*. Doctor of Philosophy (Medical Microbiology and Immunology) – Dr. Nancy D. Hanson (Major Advisor).

Hassaballa, A. E.-S. Generation and analysis of transgenic mice expressing catalytically inactive recombination activating gene-I. Doctor of Philosophy (Medical Microbiology and Immunology) – Dr. Patrick C. Swanson (Major Advisor).

Picconi, J. L. *In vitro* regulation of Ptgs2 and Nos3 expression in clonal osteogenic cells following pulsatile fluid flows. Doctor of Philosophy (Biomedical Sciences) – Dr. Mark Johnson (Major Advisor).

Smith, H. C. J. Developmental alterations in the distribution of specific lateral wall proteins modify outer hair cell mechanical properties. Doctor of Philosophy (Biomedical Sciences) – Dr. Richard Hallworth (Major Advisor).

Swanger, M. Coherent ρ^0 production in ultra-peripheral Au-Au collisions at 200 GeV at RHIC. Master of Science (Physics) — Dr. Janet Seger (Major Advisor).

Wickman, P. A. Molecular characterization of fluoroquinolone resistance in *Streptococcus pneumoniae*. Doctor of Philosophy (Medical Microbiology and Immunology) – Dr. Kenneth S. Thomson (Major Advisor).

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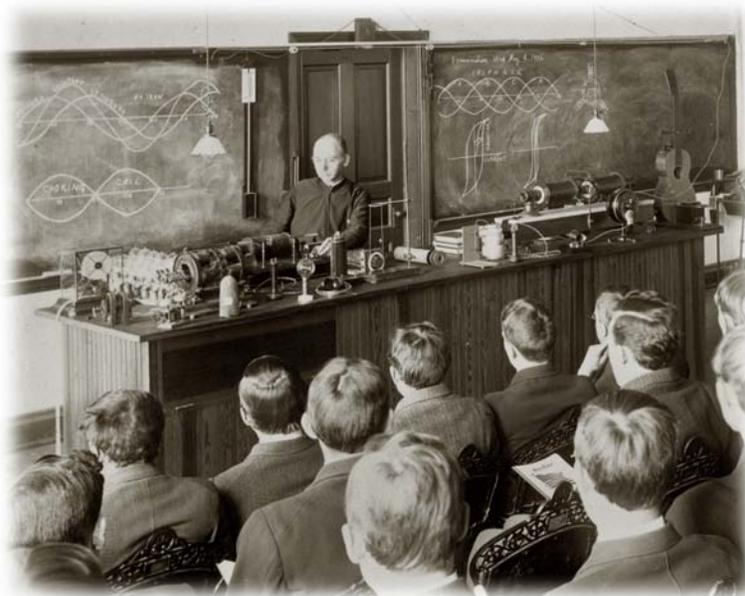
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Rev. William Rigge, SJ, conducting a physics lecture, 1906

Illustrations

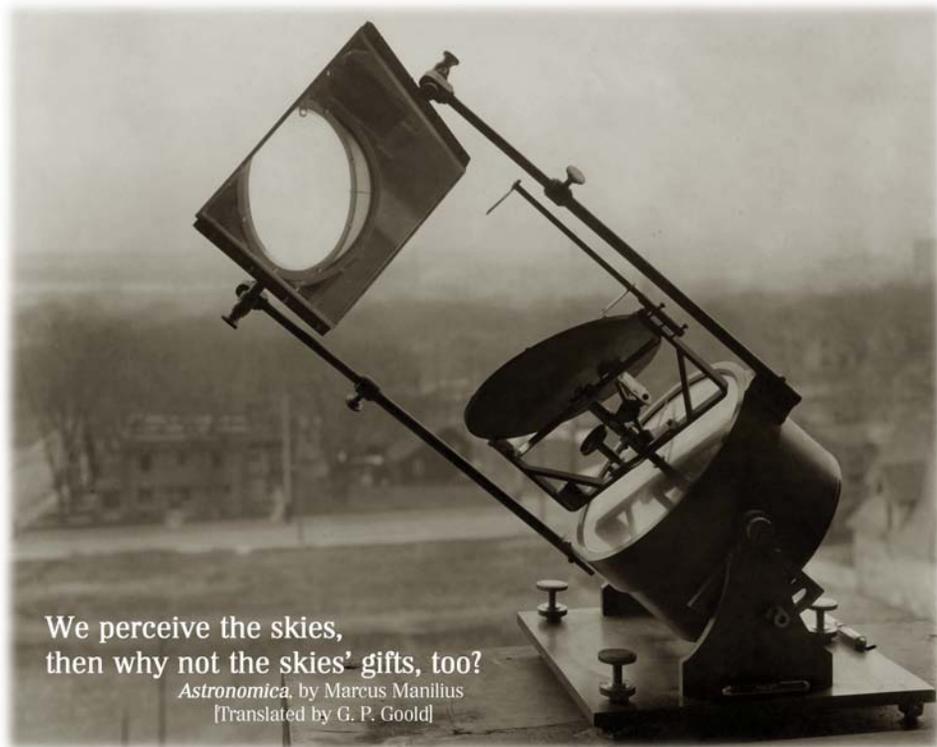
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We perceive the skies,
then why not the skies' gifts, too?

Astronomica, by Marcus Manilius
[Translated by G. P. Goold]

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