

**The Center for Undergraduate Research and Scholarship proudly announces the  
2020 Faculty Research Fund Awards:**

Dr. Amy Abbott, College of Nursing

*Outcome Evaluation and Establishing inter-rater Reliability of a Fidelity Measure for Occupation-Based Coaching Telehealth Interventions Delivered to Caregivers of Children with Type 1 Diabetes*

Dr. Candace Bloomquist, Department of Interdisciplinary Studies, Graduate School

*Interdisciplinarity in Practice: A Case of a Local Leadership Response to the Global Pandemic*

Dr. Charles Bockman, Department of Pharmacology, School of Medicine

*Effect of Electronic Nicotine Delivery Systems on Bronchi Contractility*

Dr. Travis Bourret, Department of Medical Microbiology and Immunology, School of Medicine

*Impact of lysine acetylation on DksA-dependent gene regulation in Borrelia burgdorferi*

Dr. Ann Cavanaugh, Department of Biology, College of Arts and Sciences

*Evolution of the Yeast Microtubule Organizing Center*

Dr. Lynne Dieckman, Department of Chemistry, College of Arts and Sciences

*The Role of PCNA SUMOylation in Maintaining Gene Silencing*

Dr. Laura Hansen, Department of Biomedical Sciences, School of Medicine

*Imagine of Novel Targets of Skin Cancer prevention*

Dr. Rosalind L. Heckman, Department of Physical Therapy, School of Pharmacy and Health Professions

*The acute impact of stroke on preparation of an upper extremity motor plan*

Dr. Marty Hulce, Department of Chemistry, College of Arts and Sciences

*Synthesis of Haloketoses for Preparation of Perdurable Mosquito Repellants*

Dr. Vanessa Jewell, Department of Occupational Therapy, School of Pharmacy and Health Professions

*Effectiveness of Telehealth Occupation-Based Coaching for Families with a Young Child with Type 1 Diabetes*

Dr. G. Patrick Lambert, Department of Exercise Science and Pre-Health Professions, College of Arts and Sciences

*Does Hydration Status Affect Intestinal Permeability in Young Adults?*

Dr. Angela M. Lampe, Department of Occupational Therapy, School of Pharmacy and Health Professions

*Interprofessional Experiences of Accounting and Occupational Therapy Students at a Midwestern University: A Mixed Methods Study*

Dr. Erika Moreno, Department of Political Science and International Relations, College of Arts and Sciences

*A Tangled Web: Do Institutions Shape Support for Democracy?*

Dr. Kayode Oshin, Department of Chemistry, College of Arts and Sciences

*Investigating Mixed-Donor Scorpionate-Complexes as Catalysts for Aziridination*

Dr. Juliane Strauss-Soukup, Department of Chemistry, College of Arts and Sciences

*Optimization of a High-Throughput Assay to Identify Potential Artificial Riboswitch Agonists for Use as Antibiotics*

Dr. Shikha Tarang, Department of Oral Biology, School of Dentistry

*Experimental testing of CD4+ T- cell peptide epitopes using CFSE assay*

Dr. Aaron Yamada, Department of Modern Languages and Literatures, College of Arts and Sciences

*A diachronic study of Spanish adjectival negation*