

Fall 2012 Winners of the Chancellor's Graduate Research Fellowship

| Last | First | Department/Program | Title |
|----------------|--------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baca Marroquin | Ancira | Anthropology | Craft Production in the Inca Empire: Examining Ceramic Production to Infer Economic Interactions in Non-State Marginal Societies in the Asia Valley, Peru |
| Bowen | Elizabeth | Social Work | An Examination of Retrospective Homelessness and Rent Burden as Predictors of HIV Risk for Residents of Single Room Occupancy Hotels |
| Buhrman | Jason | Biopharmaceutical Sciences | Using Glutathione-laden Hydrogels for Drug Delivery |
| Colaner | Anne | Sociology | "Racialized Markets? Race, Change, and Producer Decision-Making in the Preschool Care Market" |
| Dasgupta | Chandan | Learning Sciences | Antecedent Models as Scaffolds for Learning Science and Engineering Practices |
| Fiorelli | Julie | English | Space for Speculation: American Fictions of Racial Futures, c. 1890 - 1970 |
| Fountain | Julie | History | Modern Jobs for Modern Women: Female Military Service in Britain, 1945 - 1962 |
| Gorka | Stephanie | Psychology | Response to Unpredictable Threat in Alcohol Dependence and Panic Disorder |
| Gorman | Lillian | Hispanic and Italian Studies | Ethnolinguistic Contact Zones in Northern New Mexico: Identity and Language Use Among Mexicans, New Mexicans, and Mixed Mexican-New Mexicans |
| Jones | Tristesse | Medicinal Chemistry and Pharmacognosy | Investigation of Three Botanicals Used by Native Americans for Potential Benefit to Women's Health |
| Kuper | Laura | Psychology | Development of a Multidimensional Measure of Gender and Sexually Sensitivity to the Diversity of Experiences within the Gender Variant Spectrum |
| Lee | Danbi | Disability and Human Development | Developing and Validating a Measure of Strategy Use for Community Living, Participation, and Employment After Stroke |
| Lira | Matthew | Learning Sciences | Multi-Modal Communication in the Bio-Molecular Sciences: Assessing What We Preach |
| Luo | Xue | Mathematics, Statistics, and Computer Science | Real-Time Estimate to High-Dimensional State Estimation in Nonlinear Filtering with Sparse Grid |
| Malloy | Jennifer | Urban Planning and Policy | Pop up Pedagogy: Temporary Use Value Interpretation to Right-Size Shrinkage and Change the Perception of Vacancy |
| Mauleon | Gerardo | Bioengineering | Hypoxia Tolerance of the Mammalian Nervous System under Spatially Controlled Oxygen Conditions |
| Meierhoff | James | Anthropology | Exploitation of the Last Maya Frontier: Exploring the Historic Village at Tikal, Guatemala |
| Mukherjee | Arjun | Computer Science | Detecting Deceptive Opinion Spam Using Linguistic, Psychological Behaviors and Temporal Footprints |
| Norton | Joshua | Philosophy | Philosophical Foundations and Implication of Quantum Gravity |
| O'Neill-Kohl | Sara | Urban Planning and Policy | What Happened to Fighting Back? When Chicago Spearheaded the Movement to Combat De-industrialization |
| Ozturk | Saniye | Philosophy | Kant on the Necessity of Empirical Laws |
| Park | So Hyun | Nursing | Family System, Child's Routines, Childcare, and Weight Status among Korean-American Preschool-Age Children |
| Pumphrey | Ashley | Chemistry | Development of Novel Inhibitors of PBEF/NAMPT to Treat Pulmonary Hypertension and Acute Chest Syndrome |
| Rayahin | Jamie | Biopharmaceutical Sciences | Microparticle Delivery of Interleukin-1 Receptor Antagonist to Osteoarthritic Joints |
| Redman | Sarah | Public Health | Media Influence on HPV Vaccine Decision-Making |
| Riebe | Danielle | Anthropology | Signatures of Prehistoric Interaction: The Chemical Analysis of River Clays and Ceramics from Late Neolithic Sites in Hungary and Romania |
| Shimizu | Yuka | Biochemistry and Molecular Genetics | The Role of nmMLCK in the VEGF-induced Vascular Hyperpermeability of Asthma |
| Silva | Alexandra | Biological Sciences | The Buzz about Bees |
| Smalley | Colin | Earth and Environmental Sciences | Sediment Chronology of Lake Superior: a Collaborative, Inter-Disciplinary Approach to Quantifying Physical Processes and trends in Chemical Pollution |
| Vaidya | Aditya | Medicinal Chemistry and Pharmacognosy | Fragment-based Lead Optimization of HDAC8 Inhibitors Lacking Zinc Chelating Group |
| Vallamsundar | Suriya | Civil and Materials Engineering | Integrated Framework for Evaluating Population Health Exposure to Emissions from Transportation Sources |
| Vasudevan | Divya | Medicinal Chemistry and Pharmacognosy | Nitric Oxide Modifies Histone Methylation Patterns by Inhibiting Jumonji C domain Containing Demethylases |
| Wolf | Nina | Chemistry | Antimicrobial Drug Design Targeting Enzymes of Puring |
| Yachana | Kataria | Pathology | Dietary Influences on Alpha-Methylacyl-CoA Racemase (AMACR) on Normal Prostate |
| Yantis | Caitlyn | Psychology | Space-Focused Racial Stereotypes: Implications for Person Perceptions and Educational Disparities |
| Yogambigai | Velmurugu | Physics | Bending and Twisting Dynamics of DNA During Damage Recognition by XPC |