

2017 Provost's Research Awardees

Arts				
Last Name	First Name	Department	College/School	Project Title
Abril	Carlos	Music Education & Music Therapy	Frost School of Music	Diversity in U.S. High School Music Ensembles: Access, Inclusion, and Equity
Hindman	Dorothy	Music Theory & Composition	Frost School of Music	Trademarking Trayvon: Nine Works for Chamber Orchestra
John	Richard	Architecture	School of Architecture	Research for a Critical Biography of Leon Krier
Powell	Brian	Instrumental Performance	Frost School of Music	New Compositions and Arrangements for Violin and Double Bass Ensemble
Tindall	Aaron	Instrumental Performance	Frost School of Music	Reimagining the Solo Tubist through Jazz

Business				
Last Name	First Name	Department	College/School	Project Title
Bianchi	Pietro Andrea	Accounting	School of Business Administration	The Global Market for Foreign Corporate Directors
Cronqvist	Henrik	Finance	School of Business Administration	Corporate Divorces: Why, When, and How?
Giuliano	Laura	Economics	School of Business Administration	Fairness and Frictions: The Impact of Unequal Raises on Quit Behavior
Hai	Rong	Economics	School of Business Administration	Inequality in Human Capital and Endogenous Credit Constraints
Khan	Uzma	Marketing	School of Business Administration	Giver-Receiver Perception Gap in Gift-Giving: Exploring Unanticipated Negative Effect of Attractive Gift-Wrapping
Mortensen	Karoline	Health Sector Management and Policy	School of Business Administration	Statewide Medicaid Managed Care Implementation in Florida and Preventable Emergency Department Use
Sun	Will Wei	Management Science	School of Business Administration	Large Scale Advertisement Clustering via Spectral Decomposition
Townsend	Claudia	Marketing	School of Business Administration	Buying Beauty for the Long Run: (Mis)predicting Liking of Product Aesthetics
Tsiros	Michael	Marketing	School of Business Administration	When Limiting the Donation Amount Leads to Positive Consumer Reactions to Cause-Related Marketing Campaigns

Humanities

Last Name	First Name	Department	College/School	Project Title
Bachin	Robin	History	College of Arts & Sciences	Tropical Urbanism: Modernity, Exoticism, and the Creation of South Florida
Bernath	Michael	History	College of Arts & Sciences	In a Land of Strangers: Northern Teachers in the Old South, 1790-1865
Civantos	Christina	Modern Languages & Literatures	College of Arts & Sciences	The Politics and Poetics of Autonomy: The Arab World and North Africa in Cuban Nation-Building
Connors	Logan	Modern Languages & Literatures	College of Arts & Sciences	From Contagion to Cognition: The Creation of a "Theatrical Science of Man" in Enlightenment France
Diack	Heather	Art & Art History	College of Arts & Sciences	Global Photographies: A Critical History
Ferriss-Hill	Jennifer	Classics	College of Arts & Sciences	Horace's "Art of Poetry" and the Art of Living
Freeman	Kathryn	English	College of Arts & Sciences	"The New Moon with the Old Moon in her Arms": Phases of the Poetic Imagination in Coleridge
Goff	Krista	History	College of Arts & Sciences	Nested Nationalism: Slow Violence and Minority Experience in the (post-) Soviet Caucasus
Halsey	Stephen	History	College of Arts & Sciences	China's Huai River Basin in the 1930s: A Case Study in Environmental Mismanagement
Newell	Catherine	Religious Studies	College of Arts & Sciences	Food Faiths: Health, Wellness, and the Science of Spiritual Eating
Pérez Sánchez	Gema	Modern Languages & Literatures	College of Arts & Sciences	From Los Angeles to Madrid: Affective Bonds and Political Activism in Eduardo Mendicutti's Novel California (2005)
Perisic	Alexandra	Modern Languages & Literatures	College of Arts & Sciences	Atlantic Crossings: Literature and Immigration in the Age of Globalization
Ritzinger	Justin	Religious Studies	College of Arts & Sciences	"When Drinking Water, Ponder Its Source": Understanding the Impact of Holmes Welch on the Study of Modern Chinese Buddhism through His Archived Papers
Rosenberg	Jessica	English	College of Arts & Sciences	Botanical Publics: Horticulture and Textual Culture in Early Modern England
Schifani	Allison	Modern Languages & Literatures	College of Arts & Sciences	Biotechnical Ecologies
Thomas	Lindsay	English	College of Arts & Sciences	Training for Catastrophe: Fiction, Preparedness, and the Management of the Future
Vargas	Omar	Modern Languages & Literatures	College of Arts & Sciences	From Atomic Radiation and Nuclear Fission to the Creation of Fictions: Science and Literature in the Work of Ernesto Sabato

Natural Sciences and Engineering

Last Name	First Name	Department	College/School	Project Title
Afkhami	Michelle	Biology	College of Arts & Sciences	Integrating microbial interactions into population dynamics of threatened and endangered species
Benedetti	Bruno	Mathematics	College of Arts & Sciences	Geometric Combinatorics and Computational Topology
Crawford	Douglas	Marine Biology & Ecology	Rosenstiel School of Marine & Atmospheric Science	Providing Physiological Phenotypes for 1,000 Human Genomes to Interpret the Importance of DNA Sequence Variation
Eltoukhy	Moataz	Kinesiology & Sport Sciences	School of Education & Human Development	Innovative Parkinson's Disease Home-based Rehabilitation Using Microsoft Xbox Kinect
Gaston	Cassandra	Atmospheric Sciences	Rosenstiel School of Marine & Atmospheric Science	Determining the Impact of Saharan Dust on Clouds and Climate
Hammerschlag	Neil	Marine Ecosystems & Society	Rosenstiel School of Marine & Atmospheric Science	Assessing Performance Breadth of Large Mobile Fishes in Relation to Temperature Variability Using Multi-sensor Biotelemetry
Kim	Kyung Min	Kinesiology & Sport Sciences	School of Education & Human Development	Neural Control of Balance Following Ankle Sprain
Kim	Sung Jin	Electrical & Computer Engineering	College of Engineering	Synthetic Power Generator Using Engineered Muscle
Agarwal	Ashutosh, Co-PI	Biomedical Engineering		
Klein	Mason	Physics	College of Arts & Sciences	The Cheese Skipper Fly P. Casei: Biomechanics and Behavior
Losin	Elizabeth	Psychology	College of Arts & Sciences	Understanding Mechanisms Underlying Pain Treatment Disparities: Creating and Testing a New Paradigm
Mirzargar	Mahsa	Computer Science	College of Arts & Sciences	Establishing New Foundations for Forecast Validation
Moghaddass	Ramin	Industrial Engineering	College of Engineering	An Integrated Approach To Utilize Large Scale Smart Meter Count Data for Anomaly Detection in Power Distribution systems
Sanko	Jill	Nursing	School of Nursing & Health Studies	A Multi-institution Collaboration to Study the Impacts of Friday Night at the ER, a Table Top Simulation on Systems Thinking in Groups of Healthcare Providers and Students
Uddin	Lucina	Psychology	College of Arts & Sciences	Brain Dynamics in Autism and Attention-deficit/Hyperactivity Disorder
Uy	Floria	Biology	College of Arts & Sciences	The Neural Underpinnings of Social Dominance and Policing in Insect Societies

Natural Sciences & Engineering Continued

Walls	Jamie	Chemistry	College of Arts & Sciences	Theoretical Studies for Electrostatically Controlling Electron Dynamics in Graphene and Topological Insulator Surfaces
Wang	He	Physics	College of Arts & Sciences	Structure-Photophysics-Function Relationship of Perovskite Solar Cells
Wilson	Alexandra	Biology	College of Arts & Sciences	Functional Characterization of miRNA/mRNA Interactions in an Insect Model of Host/Symbiont Integration
Wilson	James	Chemistry	College of Arts & Sciences	Turn-On Fluorescent Reporters of CK1 Activity in Live Cells
Ziebarth	Noel	Biomedical Engineering	College of Engineering	Does Lens Capsule Oxidation Cause Cataract?

Social Sciences

Last Name	First Name	Department	College/School	Project Title
Ahn	Soyeon	Educational & Psychological Studies	School of Education & Human Development	A New Mathematical Model using Bayesian Approach for Handing Missing Correlation Values For Meta-analytic Structural Equation Modeling
Bainter	Sierra	Psychology	College of Arts & Sciences	Developing a Novel Estimation Approach for Generalized Linear Factor Analysis Models with Sparse Indicators to Improve Psychological Research Involving Low Base Behaviors and Symptoms
Britton	Jennifer	Psychology	College of Arts & Sciences	Impact of Threat Uncertainty on Affective Flexibility and Approach-avoidance Behavior Across Development
Klofstad	Casey	Political Science	College of Arts & Sciences	The Influence of Vocal Signals on Political Decision-making
Moise	Imelda	Geography & Regional Studies	College of Arts & Sciences	Adolescent Views of and Preferences for Contraceptive Use, Uptake and Decision Making
Nowotny	Kathryn	Sociology	College of Arts & Sciences	Use of Health Services Following Release from Prison: A Longitudinal Examination of African American Women
Perry	Lynn	Psychology	College of Arts & Sciences	The Role of Iconicity in Language Development
Pestle	William	Anthropology	College of Arts & Sciences	Cultural Resource Survey of the Headquarters Tract, Cabo Rojo NWR, Puerto Rico
Petersen	Nicholas	Sociology	College of Arts & Sciences	The Geography of Criminal (In)justice in Miami-Dade County: Neighborhood Context and Racial Inequality Across the Life-course of Criminal Cases
Omori	Maria, Co-PI	Sociology		
Stoler	Justin	Geography & Regional Studies	College of Arts & Sciences	A New Paradigm for Household Water Insecurity Measurement and Evaluation: The Ghana Case
Vidot	Denise	Nursing	School of Nursing & Health Studies	Relationship between Marijuana Use, Cardiorespiratory Fitness, and Cardiovascular Health