Summer Research Fellowship Program (SRFP)

The purpose of the SRFP is to provide seed money for research and future scholarly effort primarily for non-tenured tenure track faculty. It is expected that these awards will result in external grants, journal publications, manuscript publication, or display of artistic work. Eligible applicants are tenure-track and tenured Old Dominion University faculty. For more information, visit http://odu.edu/facultystaff/research/funding/opportunities/intramural-funding

2015 Recipients


- “Feasibility and Acceptability of Mobile Technology-Based Interventions for Disordered Eating.” **Kristin Heron**, Psychology


- “Comparison of Motor Learning Guided Approach and Sound Production of Novel Speech in Healthy Adults Using Meaningful Stimuli.” **Rachel Johnson**, Communication Disorders & Special Education

- “Can Florists Be Conscientious Objectors?: On Liberty and Same-Sex Weddings.” **Dale Miller**, Philosophy & Religious Studies

- “The Effects of Multimodality Auditory Rehabilitation Program on Speech Understanding for Hearing Aid Users.” **Kathryn Schwartz**, Communication Disorders & Special Education

- “Beyond Closure: The Literary & Filmic Re-Opening of the Frankfurt Auschwitz Trial (1963-65).” **Kerstin Steitz**, Foreign Languages & Literature

- “Dissipative Effect of Coastal Vegetation on Water Waves.” **Navid Tahvildari**, Civil & Environmental Engineering
2014 Recipients

- "Local Legal Regimes and Cross-Border Venture Capital Investments in China: Exploring Roles of East Asian Versus Chinese Partners." Jing Zhang, Management

- "Enhancing the Efficiency and Performance of Confined Premixed Combustion Systems Using Flame-Generated Vorticity." Kareem Ahmed, Mechanical and Aerospace Engineering

- "Toward an Improved Framework for Clinical Research." Robyn Bluhm, Philosophy and Religious Studies

- "Development of a Novel Real-time PCR-Based Assay for Tracking Chromosome Segregation in Asymmetric Cell Divisions." Robert Bruno, Molecular Diagnostics and Translational Sciences

- "Development of a Cost-Effective Smart Damping Device for Seismic Hazard Mitigation." Yunbyeong Chae, Civil and Environmental Engineering

- "Analysis of Der Ewige Jude (The Eternal Jew)." Fran Hassencahl, Communication and Theatre Arts

- "Investigating Twitter Cyberbullying and Retweet Behavior." Wu He, Information Technology & Decision Sciences

- "Mathematical Theory of Bistable Smectic A Liquid Crystal Displays." Sookyung Joo, Mathematics and Statistics

- "Role of Counterexamples in Eliciting the Understanding of Mathematical Proof: An Experimental Intervention with Secondary Students." Yating Liu, STEM Education and Professional Studies

- "Spectral Shaping for OFDM-Based Cognitive Radio Systems with Adaptive Quality of Service." Otilia Popescu, Engineering Technology

- "The Rhetorical Construction of Flood Risk in Hampton Roads." Daniel Richards, English

- "Cell Specific Targeted Viral Infections for the Improvement of in vitro and in vivo Viral Response." Patrick Sachs, Molecular Diagnostics and Translational Sciences
• “Chevron’s Public Relations: Building the Affinitive Corporate Persona in Advance of the Climate Change Era.” Burton St. John, Communication and Theatre Arts

• “Study of Surf Localism in Pavones, Costa Rica.” Lindsay Usher, Human Movement Sciences

2013 Recipients

• "Desegregating Britain: Immigrants, Radicals, and the Struggle for British Civil Rights." Brett Bebber, History

• "The First Solid-State Biomimetic Aircraft: The Design, Modeling, Fabrication and Demonstration of the First Solid-State Biomimetic Aircraft." Onur Bilgen, Mechanical and Aerospace Engineering

• "The Imaginary Home and the Home as Imaginary in Sixteenth-Century France." Elizabeth Black, Foreign Languages and Literature

• "Using Online Books Clubs to Promote Adolescents' Summer Reading." Jamie Colwell, Teaching and Learning

• "Health Insurance Coverage and Labor Market Conditions during Recession." Juan Du, Economics

• "How Pictures Persuade: Evaluating Visual Argument." David Godden, Philosophy and Religious Studies
• "Service with a Smile: Understanding Service Workers’ Initial Adjustment to their Work." Xiaoxiao Hu, Psychology

• "In a Spirit Strong and Prudent: Gender, Power, and Culture in the Latin East." Erin Jordan, History

• "Intermittent Sediment Suspension Induced by Wave Breaking in the Surf Zone." Gangfeng Ma, Civil and Environmental Engineering

• "Caravaggio: Counter-Reformation Painter of Rome." Anne Muraoka, Art

• "Thermal Bridging Solutions for Steel Structures." Michael Seek, Engineering Technology

• "Simulating Infectious Disease Spread to Increase Hand Hygiene Compliance." Lynn Wiles, Nursing

2012 Recipients

• "What is Fraud in SEC 10b-5 Litigation?" Nana Amoah, Accounting

• "A Video-Based Drowning Detection System for the Safety of Swimmers at Beaches." Chung-Hao Chen, Electrical and Computer Engineering

• "Teachers and Docents Learning in the Museum." Angela Eckhoff, Teaching and Learning

• "To Arrive Where We Started." Peter Eudenbach, Art


• "Computational Analysis of the Mouse Brain Atlas." Shuiwang Ji, Computer Science
• "Examining the Effects of Victim Characteristics, Organizational Resources and Community Social Climate on Prosecutors' Decisions to File Sexual Assault Charges." Kimberly Martin, Sociology and Criminal Justice

• "The Human Dimensions of Environmental Change and Biofuel Energy Production in Madagascar." Benjamin Neimark, Political Science and Geography

• "Modeling Maritime Transportation Chains: A Quantitative Planning Model." ManWo Ng, MSVE

• "Use of a Virtual Environment to Regulate Walking in Individuals with Parkinson's Disease." Daniel M. Russell, Physical Therapy

• "Texas is Everywhere South of the Canadian Border: Citizenship Rights, the Politics of Mobility, and the Evolution of Modern American Labor Relations." John Weber, History

• "Legitimacy on the U.S. Supreme Court: Individual Responsiveness to the Collective Goal." Kathleen Winters, Political Science and Geography

• "Triangular Links between Italian Consumers and Products in the Atlantic Economy during the 1920s and 1930s." Elizabeth Zanoni, History

2011 Recipients

• "Caregiver Quality of Life and Access to a Primary Care Provider."
  Christianne Fowler, Nursing

• "A Book Proposal for Citizen 2.0: Netizens in the Contentious Politics of South Korea." Jinsun Lee, Communication and Theatre Arts

• "A Mantooth Covenant: A Novel." John McManus, English

• "Reform and Citizenship or How did Ottoman Muslims become a Bulgarian National Minority, (ca. 1856-1939)." Anna Mirkova, History

• "Politics in the Union Army during the American Civil War." Timothy J. Orr, History
• "Product Market Competition, Managerial Slack, and Cost of Capital." Jong Chool Park, Accounting

• "The Southern Belle." Greta Pratt, Art

• "Spontaneous Use of Words that Express Emotions in Children Who Do and Do Not Stutter." Corrin G. Richels, Communication Disorders and Special Education

• "Element Tetris: Cross Platform Serious Games for Learning Chemistry." Yuzhong Shen, Modeling and Simulation Engineering

• "The Kingdom of Kongo, 1880-1915." Jelmer Vos, History


**2010 Recipients**

• "Imminent Flexibility: New Music Industry Practices in the Age of the End User." Tim Anderson, Communication and Theatre Arts (College of Arts and Letters)

• "The Influence of Social and Methodological Values on Functional Neuroimaging Research on Sex Differences." Robyn Bluhm, Philosophy and Religious Studies (College of Arts and Letters)

• "Statistical Modeling for Peak Finding in ChIP-seq data." Nak-Kyeong Kim, Mathematics and Statistics (College of Sciences)

• "Using Social Networking and Learner-Centered Measurement in Automated Social Mentoring." Richard Landers, Psychology (College of Sciences)

• "Characterization Brain Tissue and Predicting Brain Tumor Recurrence Using Multisequence." Jiang Li, Electrical and Computer Engineering (Frank Batten College of Engineering and Technology)

• "The Medical Culture of Death in Late Medieval and Early Renaissance Italy: Documents and Sources." Anthony Lichi, Art (College of Arts and Letters)
• "Examining the Spatial-temporal Effects of Urban Heat Islands on West Nile Virus Dissemination: A study of Orleans Parish, Louisiana and Mobile County, Alabama." **Hua Liu**, Political Science and Geography (College of Arts and Letters)

• "Enterprise Risk Management and Firm Value." **Michael McShane**, Finance (College of Business and Public Administration)

• "Multiple Imputation for Measurement Error Correction in Statistical Models." **Miguel Padilla**, Psychology (College of Sciences)

• "Investigating Performance of Feedback-Based Transmitter Adaptation Schemes in Dynamic Wireless Networks." **Dimitrie Poposcu**, Electrical and Computer Engineering (Frank Batten College of Engineering and Technology)

• "Extralegal Texts: Amateur Writers Shaping Canonicity." **David Roh**, English (College of Arts and Letters)

• "Lexical Profile and Lexical Diversity of Students' Academic Discourse: A Comparison between Oral and Written Academic Genres across English Native-speaking and International Graduate Students." **Alla Zareva**, English (College of Arts and Letters)

• "The Effect of Task Cognitive Demand on Situational Interest and Performance." **Xihe Zhu**, Human Movement Sciences (Darden College of Education)

### 2009 Recipients

• "Girl Fossil Hunter: A Fantasy of the Life of Mary Anning." **Jenifer Alonzo**, Communication and Theatre Arts (College of Arts and Letters)

• "Dynamic Modeling of Agile Software Development Process." **Lan Cao**, Information Technology and Decision Sciences (College of Business and Public Administration)

• "Interrelationships between Linearly Related Lifetime Distributions: Model Prediction and Parameter Estimation." **Norou Diawara**, Mathematics & Statistics (College of Business and Public Administration)
• "Juvenile Justice Innovation in Norfolk, Virginia: Examining the Factors Predicting Secure Detention." Scott Maggard, Sociology and Criminal Justice (College of Arts and Letters)

• "An Interactionist Approach to Understanding Employee Engagement in High-Quality Self-Development." Karin Orvis, Psychology (College of Sciences)

• "Familiarity Bias in Residential Real Estate." Michael Seiler, Finance (College of Business and Public Administration)

• "Inverse Scattering Problem to the Detection of the Surface Impedance of Unknown Objects." Noam Zeev, Mathematics and Statistics (College of Sciences)

• "Quality of Data Standards and its Impact on Standard-Based Data." Hongwei Zhu, Information Technology and Decision Sciences (College of Business and Public Administration)

2008 Recipients

• "Self-Injury: Assessing the Effectiveness of a Pilot Training Program on Counselor and Counselor Trainee’s Awareness, Knowledge and Skills." Laurie M. Craigen, Educational Leadership and Counseling (Darden College of Education)

• "Psychometric and Behavioral Validation of the Sensation Seeking Personality Type Scale." James Henson, Psychology (College of Sciences)


• "Harnessing Target Base Rates to Improve Weapon Detection Skills in Airline Baggage Screening." Poornima Madhavan, Psychology (College of Sciences)

• "Connecting Local History to Social Studies Teacher Education: Investigating Desegregation and Massive Resistance in Norfolk Public Schools." Meghan Manfra, Educational Curriculum and Instruction (Darden College of Education)
• "Whitewash." Manuela Mourao, English (College of Arts and Letters)

• "Fishing a Borderless Sea & Environmental Territorialism in the North Atlantic." Brian Payne, History (College of Arts and Letters)

• "Ligand Effects in Shape Selected Platinum Nanoparticle Catalysis." Balasubramanian Ramjee, Chemistry and Biochemistry (College of Sciences)

• "Public/Elite Opinion and Enacted Public Policy." Jesse Richman, Political Science (College of Arts and Letters)

• "Exploration of Lightweight Largescale Sculptural Forms." John Roth, Art, (College of Arts and Letters)

2007 Recipients

• "Performance Measurement in Community Policing: The State of the Field in Virginia." Allison T. Chappell, Sociology and Criminal Justice (College of Arts and Letters)

• "Virtual Eye Models for Surgery Simulation." Jessica Crouch, Computer Science (College of Sciences)

• "The Effect of Labor Market Experience on the Decision to Become Self-Employed." Berna Demiralp, Economics (College of Business and Public Administration)

• "Transcribing and Ornamenting Marcello Opus 1: Creating Compact Disc Recording on Trombone and Performing Edition for Trombone, Euphonium and Tuba." James Michael Hall, Music (College of Arts and Letters)

• "The Role of Diagnostic Variance, Cultural Bias and Perceived Client Functioning in Counselors' Decision Making Process." Danica Hays, Education Leadership and Counseling (Darden College of Education)

• "Role of Conserved Long-Range Interactions in Governing the Formation of the Greek-Key Protein Topology." Lesley H. Greene, Chemistry and Biochemistry (College of Sciences)
• "Hydroquinone Toxicity in Murine Lung Macrophage Cells: Metabolic Analysis via High-Resolution Mass Spectrometry." Paula Mazzer, Chemistry and Biochemistry (College of Sciences)

• "Molecular Structures of Pig Feces from Conventional and Phytase Transgenic Pigs Investigated by Advanced Solid-State NMR Spectroscopy." Jingdong Mao, Chemistry and Biochemistry (College of Sciences)

• "Evaluation of National Board Certification for School Library Media Specialists." Shana Pribesh, Curriculum and Instruction (Darden College of Education)

• "Self-Care Choices of HIV and African American Women: A Qualitative Perspective." Kimberly Adams Tufts, Nursing (College of Health Sciences)

2006 Recipients

• "The Local Meaning of Linguistic Identity: Rural and Urban Speech Patterns in Tidewater, Virginia." Bridget Anderson, English (College of Arts and Letters)

• "Assessing Diversity Management in Major U.S. Cities." Michael Clemons, Political Science/Geography/ISRE (College of Arts and Letters)

• "Nanoindentation Creep: Modeling and Simulation." Abdelmageed Elmustafa, Mechanical Engineering (Batten College of Engineering and Technology)

• "Motivations and European Integration." Kurt Taylor Gaubatz, International Studies (College of Arts and Letters)

• "Solving the Jewish Problem: The Genoa Proposal and Mussolini's Mediterranean Policy." Maura Hametz, History (College of Arts and Letters)

• "Motivation for Diabetes Management in a Recreation Setting: Examining the Impact of Family and Day Camp Programs." Edward Hill, Exercise Science, Sport, Physical Education and Recreation (Darden College of Education)
• "Antecedents, Processes and Outcomes in Family-Business Successions." Soo-Hoon Lee, Management/Business Administration, College of Business


• "A Comparison of Perceptions Regarding University Life and Inclusion Between Students with Disabilities in USA and Ukraine." Sharon Raver-Lampman, Early Childhood, Speech-Language Pathology and Special Education (Darden College of Education)

• "Problem Formulation in Teachers' Writing: Exploring the Language of Problems in Professional Discourse." Alfredo Urzua, English (College of Arts and Letters)

• "Trends in Relationship Between Socioeconomic Status, Obesity and Diabetes." Qi (Harry) Zhang, Community and Environmental Health, (College of Health Sciences)

• "Numerical Algorithms and Simulations of Nematic Polymer Nano-Composite Materials." Ruhai Zhou, Mathematics and Statistics (College of Sciences)