Office of Research  Summer Research Fellowships

2020 Recipients

- **Amelia Anderson** (STEM Education & Professional Studies); *After the Degree: Access to Employment for Autistic Librarians*
- **Sandipan Dutta** (Mathematics & Statistics); *Ensemble Statistical Learning for Prediction of Disease States Based On High-Demand Data*
- **Jeehye Kang** (Sociology & Criminal Justice); *Children of Undocumented Immigrants’ Opportunities for Success? Extracurricular Activity Participation and Development*
- **Alan Meca** (Psychology); "The Effects of Acculturation and Cultural Stressors on Alcohol Use Among Hispanic College Attend Emerging Adults*
- **Jane Roitsch** (Communication Disorders & Special Education); *The Relationship Between Executive Functions and Falls in Healthy Elderly Adults and Person with Parkinsonism*
- **Marina Saitgalina** (School of Public Service); *The Role of Nonprofit Incubators and Accelerators in Encouraging the Evidence of Societal Impact from Local Community Startups and Entrepreneurs*
- **Sinjini Sikdar** (Mathematics & Statistics); *Statistical Meta-Analysis of Genomic Experiments: An Empirical Approach*
- **Allyn Walker** (Sociology & Criminal Justice); *Mental Health Providers’ Understandings of Minor-Attracted People and Mandated Reporting*
- **Xixi Wang** (Civil & Environmental Engineering); *Climate Change Impacts on Water Resources Resilience in Coastal Chesapeake Bay Region*
- **Brandi Woodell** (Sociology & Criminal Justice); *Sexual Minority Health Disparities in Rural Communities: Barriers and Perceptions of Care*

2019 Recipients

- **Nicholas Abbott** (History); *Sarkars into States: Language, Family, and Politics in Early Colonial India*
- **Brendan Baylor** (Art); *The Orchid House: Transforming Climate Anxiety Through Art*
- **Yuping Liu-Thompkins** (Marketing); *It Was the Best of Times, It Was the Worst of Times: The Effect of Emotional Uncertainty and Arousal on Healthy Food Choices*
- **Ryan McCann** (School of Physical Therapy & Athletic Training); *Lumbopelvic Stability and Trunk Muscle Contractibility in Individuals with Chronic Ankle Instability*
- **Amy Milligan** (Institute for Jewish Studies & Interfaith Understanding); *The Last Jews of Selma, Alabama: Those Who Went Before the Final Five*
- **Eric Schussler** (School of Physical Therapy & Athletic Training); *Effect of Rugby Style Tackling Training on Head Accelerations in Youth Football*
• Lisa Shollenberger (Biological Sciences); Identification of Cellular Components Required to Overcome Immunosuppression-induced Vaccine Failure

• Tracy Sohoni (Sociology & Criminal Justice); Mind the Gap: Understanding the Consistencies and Disparities of the Racial Gap in Offending Across Multiple Self-Report Datasets

• Rachel White (Education Foundations & Leadership); Exploring Gendered and Racial Differences in State Policymakers' Approaches to the Education Policy Making Process

• Yewei Zheng (Civil & Environmental Engineering); Experimental Investigation of the Volume Change Behavior of Unstaturated Soils Using Suction-Controlled Oedometer Tests

2018 Recipients

• Dooyoung Choi (STEM Education & Professional Studies); Construct Validation of the Self-Sexualization Scale

• Felicia Commodore (Educational Foundations and Leadership); The Chosen Ones: Black Women College Student Leaders' Experiences and Engagement in Various Campus Contexts

• Robert Cramer (School of Community & Environmental Health); Development and Testing of a Personality – Integrated Motivational - Volitional Model of Suicide in Scottish Young Adults

• Zhanping Liu (Modeling, Simulation , and Visualization Engineering); High Performance Clustering of Flow Lines for Visualization and Analysis of Big Data

• Mary Catherine McDonald (Philosophy & Religious Studies); Haunted By A Different Ghost: The Phenomenology of Trauma

• Allison Page (Communication & Theatre Arts); The Affective Life of Slavery: Race, Media, and Governance

• Sylwia Piatkowska (Sociology & Criminal Justice); Relative Tax Burden and Crime Rates: A Cross-Sectional Time-Series Analysis

• Erin Purcell (Chemistry & Biochemistry); Clostridium difficile motility in response to reactive oxygen species

• Jeremiah Still (Psychology); Modeling the Influence of Saliency Within Mobile Displays

• Xiangrong Zheng (Information Technology & Decision Sciences); Marketing the Cloud: A Qos-Based Recommendation Approach

2017 Recipients

• Laura Chezan (Communication Disorders & Special Education); “Teaching Children with Autism to Reject Nonpreferred Items and Activities”

• Sanjeevi Chitikeshi (Engineering Technology); “Modeling and Smart Instrumentation Development for Diabetic Food Health”
• Elizabeth Groeneveld (Women’s Studies); “Archives and the Digital Afterlife of Social Movement Media”

• Justin Haegele (Human Movement Sciences); “Habitual Physical Activity & Health-Related Fitness of Students with ASD/VI”

• Tina Haney (Nursing); “Telehealth Is More Than Technology: A Tool for Measuring Provide Performance”

• Matt Judah (Psychology); “The Effects of Social Worry on Attention Biases in Social Anxiety”

• Venkat Maruthamuthu (Mechanical & Aerospace Engineering); “High Throughput Experimental System to Study Cell-Cell and Cell-Matrix Mechanics in Cancer Cells”

• Alison Stinely (Art); “Merging Antiquity and New Technology in Art Making”

• Nicole Willock (Philosophy & Religious Studies); “Lineages of the Literary: Tibetan Buddhist Scholars Making Modern China”

2016 Recipients

• Sunny Alperson (Nursing); “Find Healers Within: Teaching Mindful Self Compassion and Tai Chi to Professional Caregivers and the Impact on Behavioral Outcome of Alzheimer’s Disease Patients”

• Brandon Butler (Teaching & Learning); “Training Teacher Support Specialists in the Work of Instructional Coaching”

• Sandeep Kumar (Civil & Environmental Engineering); “Jet Fuel from Aqaterhmolysis of Waste Cooking Oils”

• Vanessa Panfil (Sociology & Criminal Justice); “Places Unknown: How Urban LGBTQ Youth Navigate Risk”

• Alison Reed (English); “Traumatic Utopias: Staging Power and Justice in Black and Afro/Latinx Queer Performance, 1955-2013”

• Ke Shi (Mathematics & Statistics); “Multiscale Hybridization Techniques for Problems in Heterogeneous Media”

• Chuanyi Tang (Marketing); “Uncovering the Enemy within: A Naturalistic Observation Approach to Studying the Frontline Employees' Deviant Behavior”

• Megan Thompson (Communication & Theatre Arts); “The Power of Place”

• Pamela VanHaitsma (English); “Pedagogical Rhetorics of Seduction Between Romantic Friends”

• Yusuke Yamani (Psychology); “Gaze-Guided Training of Higher Cognitive Skills for Young Drivers’ Road Safety”
2015 Recipients

- “Behind the Curve: Abstract Painting in the Era of Art-in-General.” Vittorio Colaizzi, Art
- “Bio-Inspired Cellular Ceramics for High-Performance Applications.” Dipankar Ghosh, Mechanical & Aerospace Engineering
- “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

- “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.” Yunyeong 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 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


• "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 Multisquence." 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 Popescu, 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


• "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)