

SPRING 2022



THE GRADUATE SCHOOL  
Dean Aimée M. Surprenant

## **DOCTOR OF PHILOSOPHY**

### **COLLEGE OF AGRICULTURE AND LIFE SCIENCES**

#### **AGRICULTURAL AND EXTENSION EDUCATION**

Osman, Nesma Osama  
Program Planning and Evaluation  
Frameworks for Programs Serving Farmers  
with Disabilities: Lesson Learned from  
AgrAbility

Committee Chair: Prof. T. G. Archibald

#### **ANIMAL AND POULTRY SCIENCES**

Bohler Jr, Mark William  
Hypothalamic Mechanisms of Food Intake  
in Birds

Committee Chair: Prof. M. A. Cline

Calvert, Alamanda J.  
The Effects of a Direct fed Microbial,  
Calcium Level and Method of Coccidiosis  
Control on Broilers Experiencing a Natural  
Necrotic Enteritis Challenge

Committee Chair: Prof. A. P. McElroy and Prof. M.  
E. Persia

Yonke, Joseph Allan  
Branched-Chain Amino Acid Metabolism in  
the Neonatal Pig

Committee Chair: Prof. S. W. El-Kadi

#### **ANIMAL SCIENCE, DAIRY**

Hanling, Haylee Stachelle Hicks  
The Physiology of Enhanced Milk Yield  
Through Increased Milking Frequency in  
Early Lactation

Committee Chair: Prof. B. A. Corl

## **BIOCHEMISTRY**

Cridland, Caitlin Anne  
Elucidating the Function of Inositol  
Pyrophosphate Signaling Pathways in  
Arabidopsis Thaliana

Committee Chair: Prof. G. E. Gillaspay

Davidson, Darcy Shanley  
Investigating the Electrostatic Properties and  
Dynamics of Amyloidogenic Proteins with  
Polarizable Molecular Dynamics  
Simulations

Committee Chair: Prof. J. A. Lemkul

Freed, Catherine Phillips  
Inositol Pyrophosphate Phosphatases as Key  
Enzymes to Understand and Manipulate  
Phosphate Sensing in Plants

Committee Chair: Prof. G. E. Gillaspay

Mena Aguilar, Didier Philippe  
Proteomic and Genomic Characterization of  
the Influence of Copper on Legionella  
Pneumophila and the Drinking Water  
Microbiome

Committee Chair: Prof. R. F. Helm

Nguyen, Tam  
Decoding Novel Virulence Strategies in  
Fusobacterium Invasion and Survival

Committee Chair: Prof. D. J. Slade

#### **CROP AND SOIL ENVIRONMENTAL SCIENCES**

Angel, Hannah Zoe  
Analysis of Reconstructed Mine Soils on  
Reclaimed Coal and Mineral Sands Mined  
Lands in Virginia

Committee Chair: Prof. W. L. Daniels

Mott, Joshua Darell  
Effects of Biofertilizers and Organic  
Amendments on Nutrient Availability in  
Soil & Plant Growth  
Committee Chair: Prof. A. O. Abaye and Prof. R. O.  
Maguire

Poudel, Sanjok  
Behavior and Physiological Responses of  
Livestock Under Different Grazing Systems  
Committee Chair: Prof. J. H. Fike and Prof. G. J.  
Pent

Shawver, Sarah Elizabeth  
Antibiotic Resistance in Soil Microbial  
Communities  
Committee Chair: Prof. B. D. Badgley

## **ECONOMICS**

Yao, Zhenyu  
Air Quality Economics: Three Essays  
Committee Chair: Prof. K. Moeltner

## **ENTOMOLOGY**

Bekelja, Kyle Matthew  
A Study of Neonicotinoid Seed Treatments  
in Bt Maize: Insect Resistance Management,  
Efficacy, and Environmental Fate  
Committee Chair: Prof. T. P. Kuhar and Prof. S. V.  
Taylor

Boyle, Sean Michael  
Contemporary Investigations of Squash  
Bug, *Anasa tristis*, Integrated Pest  
Management for Conventional and Organic  
Cucurbit Systems  
Committee Chair: Prof. T. P. Kuhar and Prof. D. C.  
Weber

Roth, Morgan Alicia  
Exploring *Aethina tumida* Biology and the  
Impacts of Environmental Factors to  
Generate Novel Management Strategies  
Committee Chair: Prof. A. D. Gross

Webb, Emily Morgan  
Cross-reactivity Among Alphaviruses  
Provides Insight Into Viral Emergence and  
Novel Defense Strategies  
Committee Chair: Prof. J. D. Weger, Jr.

Xie, Na  
Exploiting Muscarinic Acetylcholine  
Receptors as an Insecticidal Target to  
Enhance the Toxicity of Gamma-amino  
Butyric Acid Channel Blockers and the  
Continued Challenges with Resistance  
Committee Chair: Prof. A. D. Gross

## **FOOD SCIENCE AND TECHNOLOGY**

Hamilton, Leah Marie  
Translating Sensory Perceptions: Existing  
and Emerging Methods of Collecting and  
Analyzing Flavor Data  
Committee Chair: Prof. J. Lahne

Su, Xueqian  
Flavor Chemistry of Regional Hops  
(*Humulus lupulus* L.) and Novel Aroma  
Application of Hop-derived Products  
Committee Chair: Prof. Y. Yin

## **HORTICULTURE**

Wang, Kunru  
Characterization of Novel Type VI Effectors  
of *Acidovorax citrulli* and Their  
Applicability to Biological Control of Plant  
Diseases  
Committee Chair: Prof. B. Zhao

## **HUMAN NUTRITION, FOODS AND EXERCISE**

Compton, Stephanie Lynn Edwards  
Metabolic Adaptations of Ovarian Cancer  
Metastases to Physiological Conditions and  
Disease Progression  
Committee Chair: Prof. E. M. Schmelz

Dysart, Susanna Frances  
The Roles of Yoga and Cooperative  
Extension in Meeting and Promoting the  
Physical Activity Guidelines for Americans  
Committee Chair: Prof. S. M. Harden

Hamm, Shelby Elizabeth  
Physiological Adaptations in MDX Mice  
Treated with Microdystrophin Gene Therapy  
and Endurance Exercise  
Committee Chair: Prof. R. W. Grange

Hargrove, Angelina J.  
Rural Community Perspectives and Actions  
Taken to Build Consensus on the Opioid  
Crisis in Southern Virginia: A Community-  
Based Participatory Multiphase Mixed  
Methods Study  
Committee Chair: Prof. C. Rafie

Lynn, Sarah  
Improving Mindfulness Outcomes and  
Measurements to Support Self-Regulation  
Committee Chair: Prof. J. C. Basso

Reid, Glen Robertson  
Ketone Supplementation, Cardiometabolic  
Health, and Cognition in Humans  
Committee Chair: Prof. K. P. Davy

Specht, Kalyn Sloane  
Nox4 Mediates the Metabolic Stress  
Response in Skeletal Muscle  
Committee Chair: Prof. S. Craige

## **PLANT PATHOLOGY, PHYSIOLOGY AND WEED SCIENCE**

Booth, Jordan Christopher  
Impact of Management Practices on Cold  
Tolerance of Ultradwarf Bermudagrass  
Putting Greens  
Committee Chair: Prof. D. S. McCall

Hutchens, Wendell Joseph  
Biology, Epidemiology, and Management of  
Spring Dead Spot of Bermudagrass  
Committee Chair: Prof. D. S. McCall

Sathanantham, Preethi  
Characterization of an Amphipathic Alpha-  
Helix in the Membrane Targeting and Viral  
Genome Replication of Brome Mosaic Virus  
Committee Chair: Prof. X. Wang

Sharma, Gourav  
Investigating the Role of Epigenetics in  
Rapid Adaptation to Stress in Arabidopsis  
Thaliana and Sorghum Bicolor  
Committee Chair: Prof. S. D. Askew and Prof. J.  
Barney

## **COLLEGE OF ARCHITECTURE AND URBAN STUDIES**

### **ARCHITECTURE AND DESIGN RESEARCH**

Ahmadi, Golnar  
Proportion, Music and Architecture in  
Gottfried Semper's Works  
Committee Chair: Prof. P. F. Emmons

Ali, Shahd Mahmoud  
A Framework for the Implementation of  
Lighting Design and Light Cognitive Tools  
in Kuwait's Design Pedagogy

Committee Chair: Prof. J. R. Jones and Prof. L. M. Tucker

Kordon, Sinan  
Understanding People's Perceptions and  
Attitudes Towards Community Garden  
Landscapes in Roanoke, Virginia

Committee Chair: Prof. C. L. Bohannon

Li, Dan  
Sustainability in Design Education: A  
Mixed Methods Approach for Exploring  
Sustainability Teaching and Understanding  
in Landscape Architecture

Committee Chair: Prof. C. L. Bohannon and Prof. M. Kim

Sugati, Alsaleh Tariq  
A Framework for Integrating Pure Shadow  
Lines into Architectural Design Process  
Committee Chair: Prof. J. R. Jones

## **ENVIRONMENTAL DESIGN AND PLANNING**

Gould, Zachary M.  
A Mycorrhizal Model for Transactive  
Microgrid Markets

Committee Chair: Prof. G. Reichard

Peery, Stephen Seth  
Mapping the Internet for Rural Economic  
Development: A Spatial Analysis of the  
Impact of Internet Use on Business and  
Community Prosperity

Committee Chair: Prof. H. Mayer and Prof. J. A. Provo

## **PLANNING, GOVERNANCE, AND GLOBALIZATION**

Choi, Seungbee  
Trajectories of Individual Behavior in the  
US Housing Market

Committee Chair: Prof. T. W. Sanchez

Meade, Julian Ray  
U.S. Arctic National Interests and  
Governance Engagement

Committee Chair: Prof. J. Peters

## **PUBLIC ADMINISTRATION/ PUBLIC AFFAIRS**

Gregory, Peter Andrew  
Gun Violence in Black and White: State  
Gun Laws and Race-Specific Mortality  
Rates

Committee Chair: Prof. K. M. Hult

Ingram, Laura Maria  
Fairness in Dispute: Understanding the  
Principles of Equity, Equality, and  
Reciprocity in Federal Procurement  
Contracting

Committee Chair: Prof. L. S. Jensen

McKeague, Lauren Kelly  
Rethinking Disaster Management  
Assumptions: Emergent, Community-Based  
Networks and Lessons Learned from  
COVID-19

Committee Chair: Prof. R. H. Lemaire

Talukdar, Shahidur Rashid  
Policy Conflict Among Local Government  
Officials: How Does Participation in  
Regional Governance Relate to Policy  
Position Divergence?

Committee Chair: Prof. K. M. Hult

## **PAMPLIN COLLEGE OF BUSINESS**

### **BUSINESS, ACCOUNTING AND INFORMATION SYSTEMS**

Valentine, Delia Fidelas  
Do As I Say, Not As I Do  
Committee Chair: Prof. S. E. Stein

### **BUSINESS, BUSINESS INFORMATION TECHNOLOGY**

Choi, Daeun  
Privacy Suspension with Sustainability and  
Trust in Consumer Adoption of Smart  
Technology  
Committee Chair: Prof. A. G. Wang and Prof. P. B.  
Lowry

### **BUSINESS, EXECUTIVE BUSINESS RESEARCH**

Haines, Howard K.  
Conversing Opportunities into Existence:  
An Examination of Opportunity Interactions  
and Opportunity Development in Nascent  
Entrepreneurship  
Committee Chair: Prof. D. Townsend

### **BUSINESS, FINANCE**

Hosseinian, Amin  
Institutional Segmentation of Equity  
Markets: Causes and Consequences  
Committee Chair: Prof. R. M. Edelen  
Zhu, Ruiyao  
Two Essays on Corporate Governance  
Committee Chair: Prof. J. Xu

### **BUSINESS, MANAGEMENT**

Calvano da Silva, Felipe  
Rethinking Directors' Effectiveness: The  
Development and Empirical Analysis of a  
Novel Model  
Committee Chair: Prof. K. A. Schnatterly

### **BUSINESS, MARKETING**

Xie, Jieru  
The Effect of Ownership on Consumers'  
Disposal Decisions: Research on Food  
Wastage and Recycling Behaviors  
Committee Chair: Prof. R. Bagchi

## **COLLEGE OF ENGINEERING**

### **AEROSPACE ENGINEERING**

Boyda, Matthew Thomas  
Simultaneous Multi-Property Quantification  
of Internal Flow Fields by Filtered Rayleigh  
Scattering  
Committee Chair: Prof. K. T. Lowe

Choi, Jae-Young  
Autonomous Operation of UAS Using GPR-  
based Target Tracking and Hybrid Path  
Planning Methods  
Committee Chair: Prof. S. S. Choi

Denham, Casey Leigh-Anne  
Framework for Estimating Flight  
Performance and Associated Uncertainty for  
Modified Aircraft Configurations  
Committee Chair: Prof. M. J. Patil and Prof. C. J.  
Roy

Desai, Siddhant Pratikkumar  
Experimental and Numerical Investigations  
of the Aerodynamics of Flexible Inflatable  
Wings

Committee Chair: Prof. J. A. Schetz and Prof. R. K.  
Kapania

Ge, Mingming  
Experimental Study of Two-phase  
Cavitating Flows and Data Analysis

Committee Chair: Prof. O. Coutier-Delgosha

Gresham, James Louis  
Aerodynamic Modeling in Nonlinear  
Regions, Including Stall Spins, for Fixed-  
Wing Unmanned Aircraft from  
Experimental Flight Data

Committee Chair: Prof. C. A. Woolsey

Kara, Mustafa Yasin  
Development and Application of Dynamic  
Architecture Flow Optimization to Assess  
the Impact of Energy Storage on Naval Ship  
Mission Effectiveness, System Vulnerability  
and Recoverability

Committee Chair: Prof. A. J. Brown

Miglani, Jitish  
Analysis, Design, and Experimentation of  
Beam-Like Structures

Committee Chair: Prof. R. K. Kapania

Nurani Hari, Nandita  
Surface Pressure Shielding Mechanisms in  
Bio-inspired Canopy Surface Treatments

Committee Chair: Prof. W. J. Devenport

Palwankar, Manasi Prafulla  
Automation & Expert System Framework  
for Coupled Shell-Solid Finite Element  
Modeling of Complex Structures

Committee Chair: Prof. R. K. Kapania

Peterson, Marco Anthony  
Optical Satellite/Component Tracking and  
Classification Via Synthetic CNN Image  
Processing for Hardware-in-the-Loop  
Testing and Validation of Space  
Applications Using Free Flying Drone  
Platforms

Committee Chair: Prof. J. T. Black

Shirodkar, Nishant Prashant  
Investigating Fracture Toughness  
Enhancement Mechanisms in Polymer  
Matrices and Developing Self-sensing  
Multifunctional Composites by Leveraging  
Carbon-based Nanoparticle Dispersions

Committee Chair: Prof. G. D. Seidel

## **BIOLOGICAL SYSTEMS ENGINEERING**

Ahammad, Muneer  
Advanced Suspended Sediment Sampling  
and Simulation of Sediment Pulses to Better  
Predict Fluvial Geomorphic Change in River  
Networks

Committee Chair: Prof. J. A. Czuba

Shahed Behrouz, Mina  
Improving Predictions of Stormwater  
Quantity and Quality Through the  
Application of Modeling and Data Analysis  
Techniques From National to Catchment  
Scales

Committee Chair: Prof. D. J. Sample

## **BIOMEDICAL ENGINEERING**

Alinezhadbalalami, Nastaran  
Utilizing the Immunomodulatory Effects of  
Electroporation for Treating Brain Tumors

Committee Chair: Prof. R. V. Davalos and Prof. S.  
Verbridge

Colucci-Chang, Katrina  
The Relationship Between Ephaptic  
Coupling and Excitability in Ventricular  
Myocardium

Committee Chair: Prof. S. Poelzing

Gummidipoondy Udayasuryan, Barath  
The Role of Fusobacterium Nucleatum in  
the Tumor Microenvironment

Committee Chair: Prof. S. Verbridge

Meng, Yunzhu  
Investigation of W-beam Energy-absorbing  
Guardrail End Terminal Safety Performance  
Using Finite Element Modeling

Committee Chair: Prof. C. D. Untaroiu

Stine, Caleb Allan  
Interstitial Fluid Flow Magnitude and its  
Effects on Glioma Invasion

Committee Chair: Prof. J. M. Munson

## CHEMICAL ENGINEERING

Minnick, Rebecca Anne  
The Study of Injection Molding Processing  
Parameters of Glass Fiber Reinforced  
Composites in Polypropylene: The  
Development of Fiber Collection  
Techniques for Measuring Fiber Populations  
for the study of Fiber Length Distributions  
and Fiber Orientation

Committee Chair: Prof. R. M. Davis and Prof. M. J. Bortner

Omidvar, Noushin  
Towards a Data-driven Design of  
Nanocatalysts for Electrochemical Reactions

Committee Chair: Prof. H. Xin

Sarver, Joseph Arron  
Linking Thermophysical Transitions and  
Rheological Properties to Polymer Foaming  
Outcomes with Carbon Dioxide

Committee Chair: Prof. E. Kiran

Thompson, Coogan Bryce  
Descriptor Approach to Designing Single  
Atom Catalysts and Catalytic Systems

Committee Chair: Prof. A. M. Karim

## CIVIL ENGINEERING

Alfailakawi, Ali  
Experimental Investigations of Residual  
Strength and Repaired Strength of Corrosion  
Damaged Prestressed Bridge Beams

Committee Chair: Prof. C. L. Roberts-Wollmann  
and Prof. M. H. Hebdon

Alsalous, Osama  
Airport Performance Metrics Analysis:  
Application to Terminal Airspace, Deicing,  
and Throughput

Committee Chair: Prof. S. Hotle

Amaya, Maria Teresa  
A Coupled Hydrologic-economic Modeling  
Framework for Evaluating Alternative  
Options for Reducing Watershed Impacts in  
Response to Future Development Patterns

Committee Chair: Prof. J. C. Little

An, Zhaohui  
Mechanistic Understanding of  
Biogranulation for Continuous Flow  
Wastewater Treatment and Organic Waste  
Valorization

Committee Chair: Prof. Z. Wang

Davis, Benjamin Cole  
Metagenomic-Based Environmental  
Monitoring of Antibiotic Resistance

Committee Chair: Prof. A. J. Pruden-Bagchi



Florence, Matthew Benedict Skaanning  
Effects of Vertical Pore Pressure Gradients  
in the Intertidal Zone on Sediment Transport

Committee Chair: Prof. N. Stark

Lotts, William Seth  
In the Zone: The Effects of Soil Pipes and  
Dunes on Hyporheic and Riparian Zone  
Hydraulics and Biogeochemistry

Committee Chair: Prof. E. T. Hester

Martinez, Meredith Grace  
Investigating the Impact of Aquifer Long  
Term Replenishment on the Potomac  
Aquifer System in Virginia

Committee Chair: Prof. M. A. Widdowson and Prof.  
C. B. Bott

McGlynn, Deborah Fairbanks  
Understanding the Chemical Impacts of  
Biogenic Volatile Organic Compounds and  
the Physical Drivers of Their Observed  
Seasonality

Committee Chair: Prof. G. Isaacman-VanWertz

Pan, Jin  
Presence and Stability of SARS-CoV-2 on  
Indoor Surfaces and Masks

Committee Chair: Prof. L. C. Marr

Paprocki, Julie Anna  
A Framework for Assessing Lower-Bound  
Bearing Capacity of Sandy Coastal  
Sediments from Remotely Sensed Imagery

Committee Chair: Prof. N. Stark

Welling, Stephen Michael  
Fuzzy-Logic Based Modeling for Optimal  
Renewal Timing and Project Selection of  
Ferrous Water Mains

Committee Chair: Prof. S. K. Sinha

Wilches Estan, Jose De Jesus  
Numerical Modeling of Steel-concrete  
Tubular Composite Connections

Committee Chair: Prof. R. T. Leon

## COMPUTER ENGINEERING

An, Xiaoxin  
On Reducing the Trusted Computing Base  
in Binary Verification

Committee Chair: Prof. B. Ravindran

Gao, Chen  
Consistent Synthesis

Committee Chair: Prof. J. Huang

Li, Xiaolong  
Deep Object-Centric 3D Perception with  
Invariance and Equivariance

Committee Chair: Prof. A. L. Abbott

Mishra, Tanmaya  
Defending Real-Time Systems Through  
Timing-Aware Designs

Committee Chair: Prof. T. Chantem

Oza, Pratham Rajan  
Predictable Connected Traffic Infrastructure

Committee Chair: Prof. T. Chantem

Tolley, Joseph Daniel  
Trust, Security and Optimization of Wireless  
Cognitive Radio Networks and Spectrum  
Access Systems

Committee Chair: Prof. C. B. Dietrich, Jr. and Prof.  
C. D. Patterson

Xiao, Yang  
Blockchain and Distributed Consensus:  
From Security Analysis to Novel  
Applications

Committee Chair: Prof. W. Lou

Zou, Yuliang  
Label-Efficient Visual Understanding with  
Consistency Constraint

Committee Chair: Prof. J. Huang

## **COMPUTER SCIENCE AND APPLICATIONS**

Arachie, Chidubem Gibson

Learning with Constraint-Based Weak Supervision

Committee Chair: Prof. B. Huang

Bian, Yali

Human-AI Sensemaking with Semantic Interaction and Deep Learning

Committee Chair: Prof. C. L. North

Biswas, Subhodip

Spatial Optimization Techniques for Redistricting

Committee Chair: Prof. N. Ramakrishnan

Datta, Debanjan

A Framework for Automated Discovery and Analysis of Suspicious Trade Records

Committee Chair: Prof. N. Ramakrishnan

Fu, Xinwei

Detecting Application-specific Non-volatile Memory Bugs by Inferring Likely-correctness Conditions from Programs

Committee Chair: Prof. A. Butt and Prof. C. Min

Ji, Taoran

On Modeling Dependency Dynamics of Sequential Data: Methods and Applications

Committee Chair: Prof. C. Lu

Jin, Xianhao

Cost-saving in Continuous Integration: Development, Improvement, and Evaluation of Build Selection Approaches

Committee Chair: Prof. F. J. Servant Cortes

Li, Yuan

Assisting Spatial Referencing for Collaborative Augmented Reality

Committee Chair: Prof. D. A. Bowman

Nagy, Stefan

Advancing and Accelerating Vetting of the Closed-source Software Ecosystem

Committee Chair: Prof. M. Hicks

Shrestha, Chandani

ThoughtSwap: Changing the Infrastructure of Discourse in Classroom

Committee Chair: Prof. D. G. Tatar

Zhang, Da

Architectural Support to Safely Exploit Memory Frequency and Latency Margins to Improve Performance in High-Performance Computing Systems

Committee Chair: Prof. X. Jian

Zilevu, Kobla Setor

Human Computer Interaction for Complex Machine Learning

Committee Chair: Prof. T. Rikakis and Prof. A. Kelliher

## **ELECTRICAL ENGINEERING**

Banagar, Morteza

Drone Cellular Networks: Fundamentals, Modeling, and Analysis

Committee Chair: Prof. H. Dhillon

Choudhury, Biplav

Information Freshness: How to Achieve It and Its Impact on Low-Latency Autonomous Systems

Committee Chair: Prof. J. H. Reed and Prof. V. K. Shah

Conroy, James Patrick

Contemporary Ionospheric Scintillation Studies: Statistics, 2D Analytical and 3D Numerical Inversion

Committee Chair: Prof. W. A. Scales and Prof. A. I. Zaghoul

Foruhandeh, Mahsa  
Security Solutions for Cyber Physical  
Systems  
Committee Chair: Prof. R. M. Gerdes and Prof. A.  
Stavrou

Lu, Shengchang  
Packaging Enhancement Mode Gallium  
Nitride High Electron Mobility Transistors  
for High Power Density and for High  
Temperature Applications  
Committee Chair: Prof. G. Lu and Prof. K. D. Ngo

Nam, Wonil  
Bio-interfaced Nanolaminate Surface-  
enhanced Raman Spectroscopy Substrates  
Committee Chair: Prof. W. Zhou

Nowak, Sk Nabil  
Remote Sensing of the Lower Atmosphere:  
From Surface Concentration to Mixing  
Layer Height  
Committee Chair: Prof. E. S. Lind

Razavi Borghei, Seyyed Moein  
Partial Discharges: Experimental  
Investigation, Model Development, and  
Data Analytics  
Committee Chair: Prof. M. Ghassemi

Stockland, Robert Thomas  
A Study of Electromagnetic Scattering of  
Communication Signals by Randomly  
Rough Surfaces  
Committee Chair: Prof. G. S. Brown

Taleb Zadeh Kasgari, Ali  
Reliable Low Latency Machine Learning for  
Resource Management in Wireless  
Networks  
Committee Chair: Prof. W. Saad

Valinejad, Jaber  
Measuring and Enhancing the Resilience of  
Interdependent Power Systems, Emergency  
Services, and Social Communities  
Committee Chair: Prof. L. M. Mili

Wang, Le  
Power Converters for Piezoelectric and  
Pyroelectric Materials  
Committee Chair: Prof. R. Burgos

Yu, Jianghui  
High-Frequency Design Consideration and  
EMI Mitigation in SiC-based Multilevel  
Converters  
Committee Chair: Prof. R. Burgos

## **ENGINEERING EDUCATION**

Beauchamp, Cheryl Lynn  
Exploring Cyber Ranges in Cybersecurity  
Education  
Committee Chair: Prof. H. Matusovich

Deters, Jessica Rose  
Investigating Student Experiences of  
Engineering Culture During COVID-19: A  
Comparative Case Study  
Committee Chair: Prof. M. C. Parette

Espera, Alejandro Hanginon  
Through the Lenses of Pedagogical Content  
Knowledge and Instructor Beliefs:  
Understanding Engineering Instructors'  
Enacted Practice  
Committee Chair: Prof. N. Pitterson

Jalali, Yousef  
What Sustains Inter-institutional  
Collaborations? An Exploratory Study of  
Research Collaborations Between Faculty at  
HBCUs and PWIs  
Committee Chair: Prof. V. K. Lohani and Prof. C.  
Matheis

Van Tyne, Natalie Christine Trehubets  
Achieving What Gets Measured: Responsive  
and Reflective Learning Approaches and  
Strategies of First-Year Engineering  
Students  
Committee Chair: Prof. E. D. McNair

## **ENGINEERING MECHANICS**

Graham, Michelle Rebecca  
Dynamic Gap Crossing in Jumping and  
Flying Snakes

Committee Chair: Prof. J. Socha

Weiss, Talia M.  
Locomotion of Skittering Frogs at the Air-  
water Interface

Committee Chair: Prof. J. Socha

## **INDUSTRIAL AND SYSTEMS ENGINEERING**

Albahar, Areej A. Sh A.  
Bayesian Optimization for Engineering  
Design and Quality Control of  
Manufacturing Systems

Committee Chair: Prof. I. Kim and Prof. X. Yue

Beach, Benjamin Josiah  
Discrete Approximations, Relaxations, and  
Applications in Quadratically Constrained  
Quadratic Programming

Committee Chair: Prof. R. Hildebrand

Kucukdeger, Ezgi  
Closed-loop Tool Path Planning for Non-  
planar Additive Manufacturing and Sensor-  
based Inspection on Stationary and Moving  
Freeform Objects

Committee Chair: Prof. B. Johnson

Shen, Bo  
Advanced Data Analytics for Quality  
Assurance of Smart Additive Manufacturing

Committee Chair: Prof. Z. Kong

Wang, Yinan  
Engineering-driven Machine Learning  
Methods for System Intelligence of Smart  
Manufacturing

Committee Chair: Prof. X. Yue

Xu, Peng  
Design of Joint Verification-Correction  
Strategies for Engineered Systems

Committee Chair: Prof. A. Salado Diez

## **MATERIALS SCIENCE AND ENGINEERING**

Angle, Jonathan Willis  
Trace Level Impurity Quantitation and the  
Reduction of Calibration Uncertainty for  
Secondary Ion Mass Spectrometry Analysis  
of Niobium Superconducting Radio  
Frequency Materials

Committee Chair: Prof. M. J. Kelley

Haag, James Vincent  
Multiscale Microstructural Investigation of  
the Ductile Phase Toughening Effect in Bi-  
Phase Tungsten Heavy Alloys

Committee Chair: Prof. M. Murayama

Hileman, Zachary Daniel  
Fully Distributed Multi-Material Magnetic  
Sensing Structures for Multiparameter DAS  
Applications

Committee Chair: Prof. G. R. Pickrell

Wang, Wenbo  
Effects of Chemical and Structural  
Heterogeneity on the Tribocorrosion  
Resistance of Metals in Aqueous Solutions

Committee Chair: Prof. W. Cai

## **MECHANICAL ENGINEERING**

Alanazi, Mohammed Awwad  
Intelligent Non-Invasive Thermal Energy  
Flow Rate Sensor for Laminar and  
Turbulent Pipe Flows

Committee Chair: Prof. T. E. Diller

Alkandari, Waleed M. M. A.  
Multi-Scale Physics Based Modeling of Tire  
Rolling Resistance Considering Aging  
Committee Chair: Prof. S. Taheri

Bezek, Lindsey Bernadette  
Process-Property Characterization for Multi-  
Material Jetting Applications  
Committee Chair: Prof. C. B. Williams

Doan, Luan Cong  
Investigating the Hydration and Dynamics  
of Biomolecules in Solutions with a High  
Precision Terahertz Spectroscopy  
Committee Chair: Prof. B. Vick and Prof. V.  
Nguyen

Kamidi, Vinaykarthik Reddy  
Distributed Feedback Control Algorithms  
for Cooperative Locomotion: From Bipedal  
to Quadrupedal Robots  
Committee Chair: Prof. K. Akbari Hamed

Liu, Yujiong  
Novel Legged Robots with Serpentine  
Robotic Tails: Modeling, Control, and  
Implementations  
Committee Chair: Prof. P. Ben-Tzvi

Lowery, Adam Wallace  
Enhanced Portability and Anti-Frosting  
Functionality of Cryostats for Synchrotron-  
Based X-ray Imaging  
Committee Chair: Prof. J. B. Boreyko

Moh, Do Yoon  
Adsorption-Mediated Fluid Transport at the  
Nanoscale  
Committee Chair: Prof. R. Qiao

Moser, Joshua Nickolas  
Task Modeling, Sequencing, and Allocation  
for In-Space Autonomous Assembly by  
Robotic Systems  
Committee Chair: Prof. E. Komendera

Nikafrooz, Negin  
A Single-Actuated and Cable-Driven  
Assistive Glove Designed For Farming  
Application  
Committee Chair: Prof. A. Leonessa

Rau, Daniel Andrew  
Enabling New Material and Process  
Capabilities for Ultraviolet-Assisted Direct  
Ink Write Additive Manufacturing via  
Exploration of Material Rheology and  
Reactivity  
Committee Chair: Prof. C. B. Williams

Safaei, Bitia  
Model Reduction of Power Networks  
Committee Chair: Prof. P. A. Tarazaga and Prof. S.  
Gugercin

Stewart, Colin James  
Numerical Investigations of Jellyfish  
Propulsion  
Committee Chair: Prof. D. K. Tafti and Prof. S.  
Priya

Wang, Ruihao  
Natural Foliage Passageway Detection with  
Bioinspired Sonar Robot  
Committee Chair: Prof. A. Leonessa and Prof. R.  
Mueller

## **MINING ENGINEERING**

Bishop, Richard Edwin  
Applications and Development of Intelligent  
UAVs for the Resource Industries  
Committee Chair: Prof. N. S. Ripepi

Guo, Ruichang  
Multi-scale Investigations on Geological  
Carbon Sequestration in Deep Saline  
Aquifers  
Committee Chair: Prof. N. S. Ripepi and Prof. C.  
Chen

Koermer, Scott Carl  
Bayesian Methods for Separations  
Committee Chair: Prof. C. A. Noble

Monsalve Valencia, Juan Jose  
A Risk-Based Discrete Element Modeling  
Approach for Improving Safety in  
Underground Stone Mines  
Committee Chair: Prof. N. S. Ripepi

Soni, Aman  
Estimation of Pillar Strength for Improved  
Design and Feasibility of Secondary  
Recovery in a Karst- affected Underground  
Limestone Mine  
Committee Chair: Prof. N. S. Ripepi

## **COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES**

### **COUNSELOR EDUCATION**

Roosma, Shannon Kinzie  
Counselor Views of the Role of Trauma in  
Borderline Personality Disorder  
Committee Chair: Prof. L. E. Welfare

Zongrone, Courtney  
From Compliance to Alliance:  
Strengthening the Working Alliance in  
Mandated Treatment  
Committee Chair: Prof. L. E. Welfare

### **CURRICULUM AND INSTRUCTION**

Alfaleh, Maha Amin  
Exploring the Professional Experiences of  
Saudi K-12 Teachers During the COVID-19  
Pandemic  
Committee Chair: Prof. K. R. Potter

Chapin, John Andrew  
The Effect of Whiteboarding on Student  
Self-Efficacy in the Computer Science  
Classroom  
Committee Chair: Prof. B. D. Bowen

Clark, Rebecca Michelle  
Engineering Uncertainty: A Framework for  
Argumentation in Socio-scientific Policy  
Analysis Problem Solving  
Committee Chair: Prof. B. B. Lockee

Fielder, Emily Wade  
Investigating the Complexity of Community  
in a Challenged Urban Elementary School  
Committee Chair: Prof. S. G. Magliaro

May, Lauren Ashley  
Exploring Novice Teacher Responses to the  
Challenges They Encounter Through Guided  
Reflective Inquiry  
Committee Chair: Prof. T. T. Stewart

Mondesir, Sachiel  
Relationship Among Class Perceptions,  
Math Identification, and STEM Choice:  
Examining Gender and Racial Differences  
Committee Chair: Prof. J. L. Wilkins and Prof. B.  
D. Jones

Morgan, Cheryl Elizabeth  
Technological and Designed Based  
Learning: Supporting Graphical Device  
Comprehension at the Upper Elementary  
Level  
Committee Chair: Prof. J. G. Wells

Oliver, William Robert  
Perceived Barriers to and Supports for  
Transfer to a STEM Bachelor's Degree  
Among Continuing-Generation and First-  
Generation Community College Students  
Committee Chair: Prof. B. D. Bowen

Shelburne, Suzanne Peyton  
Continuity and Change: Curriculum and  
Instruction in the World History Classroom  
Committee Chair: Prof. D. Hicks

Shifflett, Melisa Gail  
Perceptions of Collaboration and Individual  
Communication Skills Among Advanced  
High School Students

Committee Chair: Prof. B. D. Bowen

Stidham, Sharon Flynn  
An Integrative Review of the  
Conceptualization and Assessment of the  
Learner Flow Experience in the Digital  
Game-Based Learning Environment  
between 2011 and 2021

Committee Chair: Prof. K. S. Cennamo

Taylor, Lezly  
Examining Changes in African American  
Students' Epistemic Agency as STEM  
Learners

Committee Chair: Prof. G. E. Glasson

Xu, Cong Ze  
A Mixed Methods Study of Chinese  
Students' Construction of Fraction Schemes:  
Extending the Written Test with Follow-Up  
Clinical Interviews

Committee Chair: Prof. J. L. Wilkins

## **EDUCATIONAL LEADERSHIP AND POLICY STUDIES**

Taylor, Tara Hammond  
Cultivating and Sustaining Theatre  
Education Programs in Public Schools:  
Curricula, Teachers, Community, and  
Leadership

Committee Chair: Prof. M. D. Alexander and Prof.  
C. S. Cash

## **HIGHER EDUCATION**

Holt Foerst, Emily Mary  
Medical Students' Motivation-Related  
Perceptions in an Anatomy Course: A  
Mixed Methods Study to Inform Course  
Design and Instruction

Committee Chair: Prof. B. D. Jones and Prof. C. K.  
Robbins

Johnson, Nicole J.  
I Am Gonna Let You Make It: Personal  
Identity of Black Women Doctoral Students

Committee Chair: Prof. C. K. Robbins

Pete, Kendall  
A Black Sense of Place: Deep Mapping the  
Career Journeys of Black Mid-level Student  
Affairs Administrators

Committee Chair: Prof. T. B. Lane

Wilkerson, Stacey Underwood  
An Examination of History Narratives at  
Diversity Champion Institutions

Committee Chair: Prof. M. Pratt-Clarke

Woods, Johnny Crayd  
(Un)Bundling the Black Experience at  
PWIs: Using Assets-based Frameworks to  
Explore the Lived Experiences of Black  
Sub-Saharan African-born Graduate  
Students in STEM

Committee Chair: Prof. H. G. Murzi Escobar

## **HUMAN DEVELOPMENT**

El Helou, Lea  
"I Want To Be Free The Lebanese Way":  
An Interpretative Phenomenology  
Examination of Lebanese American Queer  
Youth's Experiences of Family Secrecy

Committee Chair: Prof. A. L. Few-Demo

King, Ashley Ayn  
Therapists' Use and Management of Eating Disorder Lived Experience in the Treatment of Clients with Eating Disorders  
Committee Chair: Prof. J. M. Russon

McGregor, Casey Marie  
Intensive Mothering Attitudes and Children's Executive Function: The Role of Parenting Stress  
Committee Chair: Prof. J. A. Arditti

Stucki, Bradford David  
Grandfamilies, Grandchild Adverse Childhood Experiences, and Formal Services: An Examination of Needs, Experiences, and Best Practices  
Committee Chair: Prof. M. L. Dolbin-MacNab

## **RHETORIC AND WRITING**

Fernandes, Margaret Burke  
Making Sense of Digital Content Moderation from the Margins  
Committee Chair: Prof. J. Sano-Franchini

Homer, Matthew Jordan  
Towards a Decolonial Haole Rhetoric  
Committee Chair: Prof. J. Sano-Franchini

Mengert, Julie Lynn  
From Surviving to Metaviving: A New Rhetorical Formation in Metastatic Breast Cancer Patient Discourse  
Committee Chair: Prof. K. E. Pender

## **SCIENCE AND TECHNOLOGY STUDIES**

Koopman, Kristen Allison  
Who Speaks Truth to Fiction? Scientific Authority and Social Difference in Speculative Fiction  
Committee Chair: Prof. J. H. Collier III

Morton, Stephen Gerard  
Producing Knowledge About Astronaut Health Risks: Navigating Interdisciplinary Actor-Networks  
Committee Chair: Prof. J. E. Abbate

Park, Seohyun  
Damming the Nation: How Engineers Transformed Rivers into Water Tanks for Modern South Korea  
Committee Chair: Prof. G. L. Downey and Prof. M. Wisnioski

## **SOCIAL, POLITICAL, ETHICAL, AND CULTURAL THOUGHT**

Burkette, Jerry W.  
Utopian Hope vs. Merely-Political Combat: Directionality for the Kingdom of God  
Committee Chair: Prof. B. L. Shadle

Plummer, Sarah E.  
Objects in Protest: Bread and Puppet Theaterics (Non)Human Solidarities  
Committee Chair: Prof. Z. Ni

Wheeler, Zachariah William  
An Inconvenient Coalition: Climate Change and Democratic Party Elite Discourse on Class, 1988-2008  
Committee Chair: Prof. A. J. Scerri

## **SOCIOLOGY**

Faircloth, Melissa  
Examining the Impact of Indigenous Cultural Centers on Native Student Experience  
Committee Chair: Prof. S. R. Cook and Prof. D. L. Brunsmas

Giles, Sarah Elizabeth Tally  
Policy and Health (In)Equities Among Native Elders  
Committee Chair: Prof. T. M. Calasanti



McGlamery, Steven M.  
A Cure for Original Sin? Southern Baptists  
and Race 1970-1999: A Study of a "Race  
Relations Sunday" Institutional Initiative  
Committee Chair: Prof. D. L. Brunsma

Robertson Foncette, Leslie-Ann C.  
The Sexual Agency of Adolescent Girls: A  
Case Study of Trinidad and Tobago  
Committee Chair: Prof. A. N. Baldwin

**COLLEGE OF NATURAL  
RESOURCES &  
ENVIRONMENT  
  
FORESTRY AND  
FOREST PRODUCTS**

Datsko, Jill Marie  
Methods for the Spatial Modeling and  
Evaluation of Tree Canopy Cover  
Committee Chair: Prof. R. H. Wynne and Prof. V.  
A. Thomas

Garren, Austin Mack  
Evaluating Energywood Harvesting  
Operations in The Lower Mid-Atlantic  
Region of the United States  
Committee Chair: Prof. M. C. Bolding

Hawks, Brent Steven  
Potential Effects of Forestry Best  
Management Practices and Implementation  
Rates on Soil and Water Resources in the  
Southeastern United States  
Committee Chair: Prof. W. M. Aust and Prof. M. C.  
Bolding

Lee, Soohyung  
Development of Light Weight Plastic Pallet  
Using Carbon Materials and Evaluation for  
Natural Fiber  
Committee Chair: Prof. Y. T. Kim

**COLLEGE OF SCIENCE  
  
BIOLOGICAL SCIENCES**

Ahuja, Shreya  
A Proteomics-based Study to Investigate the  
Role of Neural Niche in the Development of  
Metastatic HER2+ Breast Cancer  
Committee Chair: Prof. M. I. Lazar

Dye, Keane  
Investigating the Regulation and Inhibition  
of the Type IV Pilus Assembly ATPase PilB  
Committee Chair: Prof. Z. Yang

Gendreau, Kerry  
Molecular Basis of Tetrodotoxin Resistance  
in Reptiles and Amphibians  
Committee Chair: Prof. J. W. McGlothlin

Hines, Ian Samuel  
Studies of the Host-microbe Relationship in  
Aquaculture-raised Animals  
Committee Chair: Prof. A. M. Stevens

Semel, Meredith Anne  
Integrative Perspectives of Wild and Captive  
Sifaka Conservation  
Committee Chair: Prof. I. T. Moore

Sobe, Richard Charles  
Characterization of Molecular Components  
and Mechanisms of Function in the Bacterial  
Glagella of *Sinorhizobium meliloti*  
Committee Chair: Prof. B. Scharf

**CHEMISTRY**

Archer, William Ryan  
Developing Materials for Rare-Earth  
Element Chelation: Synthesis, Solution  
Thermodynamics, and Applications  
Committee Chair: Prof. M. Schulz

Bonnett, Brittany Lauren  
Investigating the Parameters of Metal-organic Framework Crystal Growth Control for Reverse Osmosis Membrane Nanofillers and Direct Air Capture of CO<sub>2</sub>

Committee Chair: Prof. A. Morris

Cornell, Hannah D.  
A Green Light at the Intersection of Metal-Organic Frameworks for Drug Delivery

Committee Chair: Prof. A. Morris

Foster, Daniel John  
Development of Potent Inhibitors of the Sphingosine-1-Phosphate Transporter Spns2 for the Treatment of Multiple Sclerosis

Committee Chair: Prof. W. Santos

Gibbons, Bradley James  
Intrinsic and Extrinsic Catalysis in Zirconium-based Metal-Organic Frameworks

Committee Chair: Prof. A. Morris

Guo, Dong  
Block Copolymer-derived Porous Polyimides and Carbon for High-Performance Energy Storage

Committee Chair: Prof. G. Liu

Huang, Rong  
Antioxidant Studies of Fullerene and Metallofullerene Derivatives and Fluorescence Studies of Terbium-containing Metallofullerene Derivatives

Committee Chair: Prof. H. C. Dorn

Jones, Nathan Ballard  
Surface Interactions of Diborane

Committee Chair: Prof. J. R. Morris

Korovich, Andrew George  
Probing Morphology, Transport and Local Intermolecular Interactions in Polymeric Materials via NMR Diffusometry and Spectroscopy

Committee Chair: Prof. L. A. Madsen

Liu, Tianyi  
Studies of Sustainable Polymers: Novel Lignins to Reprocessable Polymers

Committee Chair: Prof. A. R. Esker

Maynes, Andrew John  
Spectroscopic Studies of Small Molecule Oxidation Mechanisms on Cu/TiO<sub>2</sub> Aerogel Surfaces

Committee Chair: Prof. J. R. Morris

Nichols, Brittany Lynn  
Expanding the Potential of Polysaccharide Based Materials for Therapeutic Delivery Applications

Committee Chair: Prof. K. J. Edgar

Novo, Diana Cecilia  
Design and Synthesis of Complex and Fluorescent Labeled Cellulose-Based Derivatives for Oral and Hydrogel Drug Delivery Systems

Committee Chair: Prof. K. J. Edgar

Peyton, Benjamin Gilbert  
The Efficient Computation of Field-Dependent Molecular Properties in the Frequency and Time Domains

Committee Chair: Prof. D. Crawford

Serrano, Joel Marcos  
Block Copolymer Derived Porous Carbon Fiber for Energy and Environmental Science

Committee Chair: Prof. G. Liu

Szwetkowski, Connor  
Selective Borylations of Carbon-Carbon pi-Bond Scaffolds

Committee Chair: Prof. W. Santos

## **ECONOMICS, SCIENCE**

Banasaz, Mohammad Mahdi  
Volatility Modeling and Risk Measurement Using Statistical Models Based on the Multivariate Student's t Distribution

Committee Chair: Prof. A. Spanos

Bazan Ruiz, Muchin Isabel Ayen  
Essays in Education and Gender  
Committee Chair: Prof. S. Sarangi and Prof. S. Hari

Cai, Yichuan  
Essays in Multi-Battle Contests  
Committee Chair: Prof. S. Sarangi

Jiang, He  
Essays on Social Capital and Peer Effects  
Committee Chair: Prof. X. Lin

Liu, Yaojun  
The Alternative-Dependent Focal Luce  
Model and Asymmetric Dynamic Patent  
Race  
Committee Chair: Prof. S. Sarangi

Moon, Hyeran  
Mechanism Designing in the  
Microeconomic Studies  
Committee Chair: Prof. H. H. Haller and Prof. E. A.  
Bahel

Song, Chang Geun  
Three Empirical Analyses of Voting  
Committee Chair: Prof. T. N. Tideman

Wang, Haoyu  
Essays in Game Theory and Forest  
Economics  
Committee Chair: Prof. G. S. Amacher and Prof. E.  
A. Bahel

## **GEOSCIENCES**

Hoffman, Devin Kane Fodor  
Evolution in Biological Radiations; Insights  
from the Triassic Archosaur Radiation  
Committee Chair: Prof. S. J. Nesbitt

Kaempfe Droguett, Sebastian Andres  
Multi-scale Deep-marine Stratigraphic  
Expressions in the Cretaceous Magallanes  
Basin, Chile: Implications for Depositional  
Architecture and Basin Evolution  
Committee Chair: Prof. B. W. Romans

Leroy, Matthew Alexander  
A Multiproxy Investigation of Oceanic  
Redox Conditions During the Cambrian  
SPICE Event  
Committee Chair: Prof. B. C. Gill

Wynd, Brenen Michael  
The Evolution of Convergence, Growth, and  
Diet Under an Adaptive Landscape  
Framework  
Committee Chair: Prof. S. J. Nesbitt

## **MATHEMATICS**

Goodberry, Benjamin Nathaniel  
Partially-Symmetric Macdonald  
Polynomials  
Committee Chair: Prof. D. D. Orr

Kshirsagar, Rutuja Milind  
Graph-based and Algebraic Codes for Error-  
correction and Erasure Recovery  
Committee Chair: Prof. G. L. Matthews

Murphy, Aidan W.  
Codes From Norm-trace Curves: Local  
Recovery and Fractional Decoding  
Committee Chair: Prof. G. L. Matthews

Oetjen, David Christopher  
Cotangent Schubert Calculus in  
Grassmannians  
Committee Chair: Prof. C. L. Mihalcea

Sovine, Sean Russell  
Bounds for Bilinear Analogues of the  
Spherical Averaging Operator  
Committee Chair: Prof. E. A. Palsson

## **PHYSICS**

Czak, Jason Edward  
A Study of the Effects of Spatially  
Localized Time-delayed Feedback Schemes  
on Spatio-temporal Patterns  
Committee Chair: Prof. M. J. Pleimling

Lim, Youngmin  
Decoherence of Transverse Electronic Spin  
Current in Magnetic Metals

Committee Chair: Prof. S. Emori

Smith, David Acoya  
Taking Steps Towards Superfluid-like Spin  
Transport in Metallic Ferromagnets

Committee Chair: Prof. S. Emori

Stidham, James Edward  
Ordering Processes and Pattern Formation in  
Systems Far From Equilibrium

Committee Chair: Prof. M. J. Pleimling

Stottler, Zachary Shaun  
Bottomonium Spectroscopy at Belle: Studies  
of Radiative and Hadronic Transitions

Committee Chair: Prof. L. E. Pilonen

Wang, Yifei  
High Performance Broadband  
Photodetectors Based on  
Graphene/Semiconductor Heterostructures

Committee Chair: Prof. V. Nguyen

## PSYCHOLOGY

Albright, Jordan  
A Latent Class Analysis of Professional  
Development Opportunities for Special  
Education Teachers in Rural School  
Districts: Implications for Preventing  
Attrition

Committee Chair: Prof. A. Scarpa-Friedman

Antezana, Ligia Danitsa  
Cognitive and Affective Pathways to  
Nonsuicidal Self-Injury in Youth

Committee Chair: Prof. J. A. Richey

Bruce, Madeleine Diane  
From Terrible Twos to Sassy Sixes: The  
Development of Vocabulary and Executive  
Functioning Across Early Childhood

Committee Chair: Prof. M. Bell

Burns, Derek Allen  
Stability of Psychosocial Work  
Characteristic Profiles and Physiological  
Outcomes: A Latent Profile Transition  
Analysis

Committee Chair: Prof. R. J. Foti

Dahiya-Singh, Angela Verma  
Providing Telehealth Support for Parents of  
Autistic Children Using a Mobile App

Committee Chair: Prof. A. Scarpa-Friedman

Gatto, Alyssa Jo  
Development and Preliminary Testing of an  
Online Brief Emotion Regulation Training  
(BERT) Program for Emerging Adults

Committee Chair: Prof. L. D. Cooper and Prof. J. C. Dunsmore

Kissel, Heather Ann  
I Can See What You Are Feeling, But Can I  
Feel It? Physiological Linkage While  
Viewing Communication of Emotion Via  
Touch

Committee Chair: Prof. B. H. Scarpa-Friedman

McFayden, Tyler Christine  
The Impact of Birth Order on Language  
Development in Children with Autism  
Spectrum Disorder in Simplex Families

Committee Chair: Prof. T. H. Ollendick

Nackley, Brittany Burch  
Putting the Body Back Together: A  
Functional Autonomic Model of  
Interoception

Committee Chair: Prof. B. H. Scarpa-Friedman

Peviani, Kristin Marie  
A Developmental Cascade Model of  
Maltreatment, Delay Discounting, and  
Health Behaviors Across Adolescence and  
Young Adulthood

Committee Chair: Prof. J. Kim-Spoon

Rost, Emily Alexis  
The Association of Microbreaks with Work  
Performance: A Self-Determination Theory  
Perspective

Committee Chair: Prof. C. Calderwood

Tankersley, Amelia Prieur  
The Relationship Between State-Level  
Policy and Mental Health Among Sexual  
Minority Youth in the United States

Committee Chair: Prof. R. T. Jones

## **STATISTICS**

Hu, Zhihao  
Contributions to Efficient Statistical  
Modeling of Complex Data with Temporal  
Structures

Committee Chair: Prof. C. J. Kuhlman and Prof. X.  
Deng

Smith, John William  
Ecosystem Models in a Bayesian State  
Space Framework

Committee Chair: Prof. R. Q. Thomas and Prof. L.  
R. Johnson

## **THE VIRGINIA-MARYLAND COLLEGE OF VETERINARY MEDICINE BIOMEDICAL & VETERINARY SCIENCES**

Bracci, Nicole Rose  
Understanding Host-Pathogen Interactions  
of Rift Valley Fever Virus That Contribute  
to Viral Replication

Committee Chair: Prof. K. W. Kehn-Hall

Cash, Alison Margaret  
Endothelial Cell-Specific Eph Receptor: A  
Novel Mediator of Blood Brain Barrier  
Disruption Following Traumatic Brain  
Injury

Committee Chair: Prof. M. H. Theus

Franchini, Alessandra  
The Longitudinal Outcome of Canine  
Myxomatous Mitral Valve Disease in Dogs:  
The LOOK Mitral study

Committee Chair: Prof. M. Borgarelli

Oakes, Vanessa Jacqueline  
Theileria orientalis Ikeda Genotype:  
Implications for Cattle Health in Virginia

Committee Chair: Prof. K. K. Lahmers

## **INTERDISCIPLINARY DEGREES**

### **INDIVIDUAL INTERDISCIPLINARY PHD**

Joo, Woohun  
Experiential Graphic Sonification for Visual  
and Auditory Communication Design and  
Musical Expression

Committee Chair: Prof. C. S. Nichols II

### **MACROMOLECULAR SCIENCE AND ENGINEERING**

Kasprzak, Christopher Ray  
Synthetic Design of Multiphase Systems for  
Advanced Polymeric Materials

Committee Chair: Prof. R. B. Moore III

Novy, Melissa Hoang Lan  
Structure-Morphology-Property  
Relationships in Perfluorosulfonic Acid  
Ionomer Dispersions, Membranes, and Thin  
Films to Advance Hydrogen Fuel Cell  
Applications

Committee Chair: Prof. R. B. Moore III

Sutliff, Bradley Phillip  
High Shear Flow Properties of  
Nanocellulose

Committee Chair: Prof. M. J. Bortner

## **TRANSLATIONAL BIOLOGY, MEDICINE AND HEALTH**

Datla, Udaya Sree  
Harnessing Systems Bioengineering  
Approaches to Study Microbe-microbe and  
Host-microbe Interactions in Health and  
Disease

Committee Chair: Prof. C. N. Jones

Fergusson, Austin David  
Small Solutions to Big Problems: Design  
and Synthesis of Nanoparticles for  
Biomedical Applications

Committee Chair: Prof. R. M. Davis

George, Kijana Kaaria  
The Role of Blood-borne Factors in  
Triggering Atypical Astrocytes

Committee Chair: Prof. S. Robel

Grieco, Joseph Patrick  
Mitochondrial Quality Control Adaptations  
Support Malignant Progression of Serous  
Ovarian Cancer Cells and Spheroids

Committee Chair: Prof. E. M. Schmelz

Padget, Rachel Lee  
Arrhythmogenic Mechanisms of Acute  
Cardiac Infection

Committee Chair: Prof. J. Smyth

Somaiya, Rachana Deven  
Role of Retinal Inputs and Astrocytes in the  
Neurodevelopment of Mammalian Visual  
Thalamus

Committee Chair: Prof. M. A. Fox

Studtmann, Carleigh  
Diverse Mechanisms Impair Thalamic  
Circuit Function in a Dravet Syndrome  
Mouse Model

Committee Chair: Prof. S. A. Swanger

Tsyglakova, Mariya  
A Role for Microglia Activation in  
Modulating Behavior in a Variable Stress  
Model for Depression

Committee Chair: Prof. G. E. Hodes

## **DOCTOR OF EDUCATION COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES EDUCATIONAL LEADERSHIP AND POLICY STUDIES**

Alexander, Le-Zondra  
The Practices of Speech-Language  
Pathologists Supporting the Acquisition of  
Skilled Reading in Public Schools  
Committee Chair: Prof. C. S. Cash and Prof. T. S.  
Price

Allard, Jennifer Evans  
Hyperacceleration in Secondary Mathematics  
Committee Chair: Prof. C. S. Cash and Prof. J. R.  
Gratto

Badger, Susan Carol  
An Investigation into How Education  
Leaders Supported Teachers to Effectively  
Teach Online During a Global Pandemic  
Committee Chair: Prof. C. A. Mullen

Ball, Miranda Myers  
K-12 Public School Teacher Perceptions  
Regarding Their Experiences as Instructors  
Who Volunteered to Teach in the Online  
Learning Environment in 2020-2021

Committee Chair: Prof. M. D. Alexander

Barker, Darwin Robert  
Effective Principal Leadership Practices to  
Minimize Achievement Gaps

Committee Chair: Prof. J. L. Brinkmann and Prof. J.  
R. Gratto

Brill, Meaghan Boteler  
Female Superintendents: Does Gender  
Matter?

Committee Chair: Prof. C. S. Cash

Cox, Judy Smith  
The Impact of Principals' Instructional  
Leadership Practices on Student  
Achievement in Title I Schools in a  
Virginian Division

Committee Chair: Prof. C. A. Mullen

Dahl, Jill Danielle  
The Relationship Between High School  
Teachers' Self-Reported Social and  
Emotional Competencies and Teacher Social  
and Instructional Teaching Practices and the  
Implications for Professional Learning

Committee Chair: Prof. T. S. Price

Dixon, Ajamu Adofo  
African American Males' Perceptions of  
Factors Aiding Their Completion of High  
School: A Population from Single Parent  
Homes

Committee Chair: Prof. M. D. Alexander

Downing, Angilee Mills  
Investigating Disproportionality in  
Discipline Referrals for Disruptive Behavior  
and Association with Race, Gender, and  
Academic Achievement: Impact on Black  
Males

Committee Chair: Prof. C. A. Mullen

Edmunds-Heard, Terri Lynn  
Experiences in the Principalship for African  
American Females

Committee Chair: Prof. J. L. Brinkmann

El-Nemr, Khaled Walid  
School Building Conditions' Influences on  
Student Behavior in a Medium-Sized  
Division in Virginia

Committee Chair: Prof. T. S. Price

Fallen, Mattie Thompson  
Supporting Novice Teachers Through  
Quality Mentoring and Induction in the  
Workplace

Committee Chair: Prof. C. A. Mullen

Fobare, Corey Scott  
The Consolidation of Alleghany County and  
Covington City Public Schools: A Case  
Study

Committee Chair: Prof. M. D. Alexander

Grimm, Martin Edward  
High School Principals' Perceptions on the  
Readiness of School Culture for  
Implementation of the Multi-Tiered Systems  
of Support Framework

Committee Chair: Prof. T. S. Price

Jarman, David R.  
Disproportionality of Males in Special  
Education

Committee Chair: Prof. J. L. Brinkmann

Jones, Courtney Elizabeth  
A Study in Leadership Practices That  
Cultivate Elementary School Teachers Well-  
being During a Global Pandemic

Committee Chair: Prof. C. S. Cash and Prof. T. S.  
Price

Nycum, James Franklin  
Twenty-first Century Skills: Preparing High  
School Graduates for Success Through a  
Senior Project

Committee Chair: Prof. C. A. Mullen

Peterson, Braden Jeffrey  
Principals' Perception of Social Emotional Learning in High Achieving High Schools  
Committee Chair: Prof. T. S. Price

Runkle, Marya Anne  
Case Study of the Factors Contributing to Graduation from a Secondary Dropout Prevention Program  
Committee Chair: Prof. C. S. Cash

Salley, Parcilla  
The Perceptions of Teachers Regarding the Instructional Practices and School Leadership Supports That Contributed to High Algebra I Success Rates for Minority Students in Rural Schools  
Committee Chair: Prof. C. S. Cash and Prof. T. S. Price

Slater, Tamara Lee  
Elementary Turnaround Principals' Leadership Practices Related to Reading Achievement  
Committee Chair: Prof. T. S. Price

Smith, Natia Keem  
Middle School Leaders' Responsiveness to the Needs of the Sixth Grade Student Transitioning to Middle School in Two Virginia School Divisions  
Committee Chair: Prof. C. S. Cash and Prof. T. S. Price

Tarpley, Cynthia Annette  
Factors Impacting the Effectiveness of Co-Teaching in the Inclusion Setting within K-12 Schools  
Committee Chair: Prof. M. D. Alexander and Prof. J. L. Brinkmann

Thayer, Myra Lynn  
Synergies of Education Stakeholders in Supporting Elementary Science: A Qualitative Study  
Committee Chair: Prof. C. A. Mullen

Tyler, Millicent Denise  
An Examination of Alternative Educational Leadership  
Committee Chair: Prof. C. S. Cash and Prof. T. S. Price

Walker, Brandi C.  
Factors That Lead to Teachers Accepting, Remaining in a High-Poverty, Low-Performing School Division  
Committee Chair: Prof. C. S. Cash

Winckler, Carl Frederick  
A Study Examining Disparities in Selected Variables of High Performing and Low Performing High Schools in the Commonwealth of Virginia  
Committee Chair: Prof. G. I. Earthman and Prof. C. S. Cash

Zayatz, Amanda Collins  
Teacher Perceptions of Social Emotional Learning Program Implementation and Sustainability in One School Division in Northern Virginia  
Committee Chair: Prof. T. S. Price

**EDUCATION SPECIALIST  
COLLEGE OF LIBERAL  
ARTS & HUMAN SCIENCES  
EDUCATIONAL LEADERSHIP  
AND POLICY STUDIES**

Hundley, Sharon Elaine  
Parmar, Nikita Sunil  
Riganti, Heather Victoria  
Stanley, Tamarah Renee



## **MASTER'S DEGREES**

### **COLLEGE OF AGRICULTURE AND LIFE SCIENCES**

#### **MASTER OF SCIENCE**

#### **AGRICULTURAL AND APPLIED ECONOMICS**

Mbarushimana, Jean Claude

#### **AGRICULTURAL AND LIFE SCIENCES**

Burns, Pamela J.

Hoffman, Kimberly D.

Murphy, Storm Michael

Myers, Korbin Wade

Rutherford, Sara Riggan

Smith, Kaitlin Ann

Steinbach, Rachel Anne

Tsao, Lauren Elaine

Wesner, Courtney Gail

#### **ANIMAL AND POULTRY SCIENCES**

Gustin, Aspen Leigh

Landivar, Mathew David

Naughton, Samantha Grace

Sauder, Brooke Skyler

Schmidt, Therese Elizabeth

Soffa, Dallas Rae

#### **CROP AND SOIL ENVIRONMENTAL SCIENCES**

Beall, Michael Christian

Hoyt, Cameron Michael

#### **HUMAN NUTRITION, FOODS AND EXERCISE**

DeNunzio, Maria Nicole

Gregg, Morgan

Hines, Deena Sbitany

#### **MASTER OF SCIENCE IN LIFE SCIENCES**

#### **BIOCHEMISTRY**

Britt, Korliss Amelia

Collins, Erin Taylor

Tunckanat, Taylan

Williams, Kevin J.

Wooldridge, Rowan Scott

#### **DAIRY SCIENCE**

Galyon, Hailey Roselea

#### **ENTOMOLOGY**

Tanelus, Manette

Wilczek, Daniel Kaye

**FOOD SCIENCE AND  
TECHNOLOGY**

Canty, Ellise Adia  
Cole, Elizabeth Jane  
Garcia, Jose Octavio  
James, Cierra Alisha  
Kesselring, Julia Jiang Hao

**MASTER OF SCIENCE IN  
NUTRITION AND DIETETICS**

Brown, Noelle Carolyn  
Buynak, Karen Stephanie  
Ferguson, Spencer Norman  
Kelley, Allison Janis  
McBain, Cassidy Anne  
Ruske, Caitlin Alexandra

**COLLEGE OF  
ARCHITECTURE AND  
URBAN STUDIES**

**MASTER OF ARCHITECTURE**

Alnajidi, Najd Hamad S.  
Bhavsar, Astha Jatin  
Borowiec, Gabriela Anna  
Coleman, Erin Ashley  
Cross, Carolyn Page  
Cross, Philip Edward  
Curtis, Charles Ethan

Esubalew, Carina Delelegne  
Fuhrman, Bradley Scott  
Gedeo, Adele Marguerite  
Hamilton, Rachel Leigh  
Hammond, Perry Jordan  
Kuhn, Alexander Rudolf  
Li, Nong  
Mattson, Thomas Michael  
McKnight, Julian Ethan  
MontazeriNamin, Darya  
Pollack, Shelby Marie  
Saeidi, Roya  
Smith, Ariana Nicole  
Sooksengdao, Brittney Tidavanh  
Spruill, Raymond Taylor  
Tampubolon, Jennifer I.  
Taylor, Kennard Kyle  
Toscano Jaramillo, Erika  
Vermillion, Emma Flower

**MASTER OF FINE ARTS**

**CREATIVE TECHNOLOGIES**

Corrigan, Nicholas Aaron  
Eddy, Adam M.  
Link, Joseph Nehemiah  
Shokhov, Nikita

**MASTER OF LANDSCAPE  
ARCHITECTURE**

Harrington, Hayley K.

Shelburne, William Robert

**MASTER OF PUBLIC  
ADMINISTRATION**

**PUBLIC ADMINISTRATION/  
PUBLIC AFFAIRS**

Castaneda, Maribel Romero

Collins, Stephanie S.

Cooke, Olivia Nyland

Duran Fernandez, Cristobal Sebastian

Fields, Grant A.

Frijas, Jordanny Zabarte

Furrow, Kari Lynne

Heo, James

Manteghi, Mohsen

Peace, Jonathon Trey

Price, Regan Virginia

Quill, Elizabeth A.

Reeger, Claire Ann

Roman, Joseph Robert

Simpson, Stephanie Lynn

Veillette, Nathalie

Webber, Stephen Albert

Woods, Jon Dillon

**MASTER OF PUBLIC AND  
INTERNATIONAL AFFAIRS**

Bennett, Gabriel R.

McLendon, Stephen Andrew

Sholl, Stephen Travis

Wedrosky, Tyler Raymond

Zhou, Yue

**MASTER OF SCIENCE**

**ARCHITECTURE**

Kaulaskar, Ameya Lokesh

Reinhart, Matthew Thomas

Reiss II, Matthew William

**MASTER OF SCIENCE**

**BUILDING/CONSTRUCTION  
SCIENCE AND MANAGEMENT**

Alamri, Uthman Abdullah

Borowiec, Gabriela Anna

Patel, Chiravi Gopesh

Pruitt, Jacob Wyatt

Seo, Miran

Spruill, Raymond Taylor

Yang, Yizhou

**MASTER OF URBAN AND  
REGIONAL PLANNING**

Cannon, Brad Richard

Curry, Sara Elizabeth

Curtis, Danielle Erin

Dillon, Maxwell Stewart  
Fulton, Frances Noelle  
Gordner III, Gerald Marvin  
Hanson, Elizabeth Bailey  
Kearns, Griffin Patrick  
Nowaczyk, Adam Joseph  
Stinnette, Alison Nicole  
Viola, Marco Willhoit  
Walbridge, Tia Lynn  
Woodson, Caitlin Marie

**PAMPLIN COLLEGE  
OF BUSINESS**

**MASTER OF ACCOUNTING AND  
INFORMATION SYSTEMS**

Altman, Sydney Nicole  
August, Samantha Michelle  
Baldwin, Nathan Taylor  
Becker, Madeline Victoria  
Berman, Joshua Joseph  
Borovich, Alexis Sophia  
Bowen, Talmage Spencer  
Brush, Elizabeth Scott  
Carter, Abigail Susan  
Eyerman, Parker James  
Fredrick, Erin Nicole  
Fusaro, Emily Marie  
Ganey, Christopher Sean

Gifford, Joshua Charles  
Griffith, Matthew Edward  
Harless, Ethan Mark  
Holtkamp, Georgia Leigh  
Keener, Maria Osborne  
Kessinger, Christian Andrew  
Lopes, Shane Thomas  
Lorens, Daniel James  
Malina, Tyler David  
Martin, Reagan Noel  
Maurer, Ashlee Marie  
Mensah, Josephine Acheampong  
Miller, Steven Ryan  
Moran IV, Daniel Joseph  
Nicholson, Kyle David  
Niemeyer, Jacob Douglas  
O'Toole, Anthony Joel  
Pape, Nicole Autumn  
Resco, Kayla Ashe  
Roldan, Victoria Marie  
Sapeta, Olivia Katherine  
Shiveley, Grace Marie  
Simmers, Alexis Taylor  
Smith, Christian Alexander  
Souders, Madison Elizabeth  
Spiers, Tyler Sutherland  
Tuggle, Austin Jeffrey  
Tyson, Jack Gallien

Ubelhart, Justin Stewart  
Underwood, Jamie Michelle  
Vaughan, William Austin  
Weddle, Kimberly Caudill  
Wright, Justin M.  
Wu, Yi  
Zhang, Zhenghao  
Zoury, Hassebullah

**MASTER OF BUSINESS  
ADMINISTRATION**

Abass, Amina Kinsi  
Alexander, Brian Walker  
Ali, Gulnaz  
Bailey, Joshua Burnette  
Clapperton, William James  
Costantino, Matthew Lee  
Fox, Albert Patrick  
Fulton, Christopher Thomas  
Garcia, Branco Mauricio  
Gargan, Jennifer Renee  
Hwang, Austin J.  
Isom, Jennifer Stachowiak  
Kregg, Marshall Anthony  
Kupski, Cynthia Ann  
Leaman, Joel Philip  
Libby, Christian Taylor  
McIntosh, Kelsey Jordan  
Merchant, James Samuel

Minnick, Danielle Nicole  
Molla Ruiz, Pablo  
Monahan, Alexis Joan  
Munoz, Carlos  
Nogueira Nunes, Thais  
Rubio, Eva Ilse  
Snow, Wesley Michael  
Song, Chloe Jihee  
Stitzel, Ann Cate  
Weke, Oscar Odera  
Wolak, Anthony M.  
Yuen, Maggie  
Zenteno, Erick

**MASTER OF SCIENCE  
BUSINESS ADMINISTRATION**

Alutaby, Obeid Mohammad O.  
Antonio Sanjinez, Jazmin Adriana  
Belghith, Skander  
Bess, Mattheu V.  
Brennan, Allison Paige  
Hayat, Mehnaz  
Jones, Richard Allen  
Nassimi, Mumin  
Nelson, Tyler Kyle  
Prodanas, Alexios  
Smith, Michaela Rose

**COLLEGE OF  
ENGINEERING**

**MASTER OF ENGINEERING  
AEROSPACE ENGINEERING**

Kramer, Jacob Collin

**COMPUTER ENGINEERING**

Alghamdi, Saleh Mesfer

Bhat, Shreyas Suresh

Cheung, Brandon Thomas

Foran, Matthew J.

Heerekar, Balvansh

Hsieh, Hsin Han

Raina, Saksham

**COMPUTER SCIENCE  
AND APPLICATIONS**

Babbitt, Judd Coplan

Behpour, Arash Alexander

Cai, Zihao

Chang, Ian Yueh

Chung, Hannah

Fan, Jiahui

Goyal, Udit

Gundimeda, Tejaswi

Gurijala, Srija

Jariwala, Dhruvi Chirag

Knudsen, Grace Margaret

Leavitt, Brian Alexander

Li, Jinyang

Linares Garcia, Daniel Antonio

Lorn, Brendan Borey

Luo, Oliver Chen

Mali, Namrata Rajendra

Mane, Suraj Dhondiram

McCormick, Lucas Ian

Natnael, Shedon Paulos

Park, James Youngjin

Robertson, Matthew Scott

Sturgis, Brandon Domenic

Towle, Ryan C.

Tran, Richard Le

Valotia, Dishang Rajendra

Vatsavayi, Maanasa

Venigalla, Maneesha

Wang, Haosu

Wang, Yifu

Xu, Hao

Yu, Qi

Zhang, Chi

Zhang, Lihui

**ELECTRICAL ENGINEERING**

Alammar, Abdulrahman Ibrahim

Gorski, Adam Patrick

Maheshwari, Varun

Nam, Yun Suk

Sreeram, Nirmala

Velasco III, Robert

Woodall, James Peyton

Yan, Ruoyang

Yang, Haoshen

Zheng, Wei Xin

### **INDUSTRIAL AND SYSTEMS ENGINEERING**

Cen Cen, Jiaying Kevin

Dodla, Deekshith Reddy

Duff III, Sammy Charles

Junod, Carter Louis

Malik II, Abdul Rahman

Ridgeway, Christiana L.

Shojaee, Seyedeh Parshin

### **MATERIALS SCIENCE AND ENGINEERING**

Cohen, Jared Albert

Haag IV, James V.

Hartley II, William Douglas

### **MECHANICAL ENGINEERING**

Kashyap, Shikhar

### **MASTER OF ENGINEERING ADMINISTRATION**

Lee, Rosaline Mung-Yan

Nee, Andrew David

Schwartz, Jeffrey Hollender

### **MASTER OF SCIENCE AEROSPACE ENGINEERING**

Almarhabi, Lujain

Andrews, Rachel Elizabeth

Austin, Jeffrey Turner

Brannick, Kevin Patrick

Brookshire, Kaleb

Carmody, Jack Ryan

Cooper Jr., Robert Bernard

Coulon, Thomas Alexander

Dirkse, Elise Sharon

Do, Alan Duy

Fehrle, David Thomas

Feldmann, Liam Laurent

Fink, Zachary Adam

Fisher, Ryan Douglas

Hallock, Thomas James

Holloway, Samuel Eugene

Jafaryzad, Arsam

Jain, Siddharth

Kamide, Molly Elizabeth

Khorosh, Abasin Mirwais

Leuchtmann, Chase Robert

Maddox, Mason Linden

Meier, James Hurley

Morrissey, Alexander Joseph

Nekoo, Naveed

Pinkos, Joshua Steven

Polepeddi, Vachaspathy

Quinn, Xavier Anthony

Sarode, Varun Sunil

Schlier, Inga Jane

Sosa, Alejandro Jose

Springle, Bryant Kwofi

Stafford, Jamil Hisham

Stefan, Todd David

Wagner, Nathan John

Werner, Matthew Allan

Whited, Derick John

### **BIOLOGICAL SYSTEMS ENGINEERING**

Brocke, Conner Ethan

Christensen, Nicholas Daniel

Cornwell, Cameron Scott

Graff, Kelly Mackenzie

### **BIOMEDICAL ENGINEERING**

Brisbane, Julia Machele

Elnahhas, Sara Mohamed Ahmed

Luftglass, Adam Robert

Nowinski, Hannah Marie

Sheppard, Hannah Olivia

Streamer, Jill Evans

Wusk, Zachary Adam

Zhang, Shuyu

### **CHEMICAL ENGINEERING**

Pool Mazun, Ricardo

### **CIVIL ENGINEERING**

Agrawal, Shivani

Alazemi, Fahd

Amezquita Radillo, Esteban

Ayers, Drew Edward

Baier, Joshua David

Bane, Christian Lee

Bell Jr., Michael S.

Bertero, Santiago

Bohlmann, Anna Elizabeth

Buetow, James Ward

Ebert, Nicholas Anthony

Fielding, Lydia Marie

Foley, Sean Thompson

Frazier, Andrew Dane

Fuller, Maureen Elizabeth

Gang, Anthony Hyun Gi

Glock, Jack Ernest

Goyal, Vivek Sanjay

Huang, Yuhang

Johansson, Collin David

Keen, Tanner Caleb

Kiran Kumar, Fnu

Korka, Bennet James



Lehmann, Katharina  
Leungbootnak, Natchaphon  
Li, Beichen  
Li, Yan  
Manandhar, Ushma  
Mazzola, Frank A.  
McClain, Catherine Skye  
McGhee, Nicholas Troy  
Mehra, Akul  
Moore, Makenzi Grace  
Moorehead, Sarah  
O'Toole, Victor Eugene  
Olamai, Afshin  
Patel, Meet Chandreshkumar  
Pieczynski, Matthew John  
Saba, Lillie Soraya  
Sayles, Molly Shay  
Shah, Dishant Jatin  
Tison, Miranda Daryl  
Vaughan, Patrick Grayson  
Vellines, Michael James  
Viehman, Jessica Ann Drogoski  
Vipond, Natasha M.  
Walsh, Emma Patricia  
Yurkovich, Peter Joseph  
Zuidema, Karsten Auke

## **COMPUTER ENGINEERING**

Bikonda, Naga Sanjana  
Fredieu, Christian Tanner  
Goel, Garvit  
Jai, Naru  
Kleiber, Justin Tanner  
Krishnakumar, Ashwin  
Li, Xuan  
Mayhew, Stephen Richard  
Murali, Rohit  
Shears, Osaze Yahya  
Smith, Ashley Nicole  
Sutton, Joshua Lee  
VSathish, Naarayanan Rao  
Wanjara, Dhwan Devendra  
Wood, Sami Warren  
Xu, Han  
Zhao, Zhuqing  
Zheng, Wei

## **COMPUTER SCIENCE AND APPLICATIONS**

Aftab, Amber  
Ahuja, Aman  
Bhatti, Neelma  
Chen, Chih Fang  
Chen, Juntong  
Cheng, Kai Hsiang

Cheng, Ming  
Cho, Eunoh  
D'Anna, Joseph Dakota  
Dang, Ngoc Khoi  
Dani, Riya Jinesh  
Djoufack Basso, Larissa  
Elnady, Yusuf Fawzy  
Farhan, Syed Muhammad  
Ghadia, Jhanavi Rajendrakumar  
Gleason, David Theodore  
Gurrapu, Sai Charan  
Harrington, Matthew Adam  
Hassan, Sk Adnan  
Heo, Samnyeong  
Hu, Yang  
Jin, Heng  
Karajeh, Ola A.  
Khan, Redwan Ibne Seraj  
Kim, Taehwan  
Kimiyaie, Amir  
Koenig, Jonathan A.  
Liao, Che-Hsien  
Liu, Yuhang  
Manzoor, Javaid Akbar  
Moon, Hye Sung  
Moore, Cameron Alexander  
Nelson, Gunnar Beck  
Osborn, Sarah Anne

Paterson, Ian G.  
Pu, Jiameng  
Rathinavel, Gopikrishna  
Salazar, Nathaniel P.  
Shugg, Connor William  
SoleimaniBabakamali, MohammadHesam  
Sun, Stephen Wei-Hao  
Tabassum, Afrina  
Tausif, Md Tahsin  
Thazhath, Mohit Bhasi  
Venkatesan, Satish  
Vives, Cristian  
Wayne, Frank D.  
Xiao, Ya  
Yousuf, Raquib Bin  
Zhu, Ming

## **ELECTRICAL ENGINEERING**

Alsaecidi, Fahad S.  
Anderson, Juliet Graciela  
Earley, Jeffrey Davis  
Edwards, Conlan D.  
Evans, Matthew John  
Howard, William Waddell  
Jiao, Dong  
Knoll, Jack Sabin  
Kumar, Alok  
Mejia, Elieser A.

Nazari, Arash  
Rodriguez, Sebastian Daniel  
Schuman, Andrea L.  
Sengupta, Ramonika  
Shan, Keyue  
Smith, Robert Gregory  
Zhang, Ruizhe  
Zhang, Yujing  
Zimmermann, Markus Kenneth

### **ENGINEERING MECHANICS**

Clifton, Erin Tyler  
Mikel-Stites, Maxwell

### **ENVIRONMENTAL ENGINEERING**

Nemati, Ali

### **INDUSTRIAL AND SYSTEMS ENGINEERING**

Sullivan, Keith Alexander  
Tabbarah, Moustafa

### **MATERIALS SCIENCE AND ENGINEERING**

Viar, Jacob Zachary

### **MECHANICAL ENGINEERING**

Beard, Michael Hansen  
Bharadwaj, Bharath Ramesh  
Biggers, Zackory James

Bowman, Travis Lynn  
Braun, Patrick Douglas  
Camp, Marie Elise  
Catania, Richard Knight  
Claessen, Evan Alexander  
Gandhi, Manav  
Kim, Troy Jaisohn  
Lee, Jin Woo  
Li, Candy Yuan

Lin, Weihan

Liu, Bowei

Martin, Jacob Ryan

Masters, Adam Stark

McMillan, Kiara Lia

Mi, Jia

Miller, Christopher Hejune

Moring, Robert Todd

Munns, Matthew Bryan

Pressgrove, Isaac James

Rath, Shubham

Salvi, Urvin Uday

Scott, Dillon Parker

Wang, Haoran

Wu, Justin Quach

Zhang, Haonan

### **NUCLEAR ENGINEERING**

Akin, Yunus Eren

Karabacak, Ali Haydar  
Karakaya, Nagihan  
Sullivan, Kelly Marie

### **OCEAN ENGINEERING**

Goulas, Joseph Anastassios  
Messler, Joseph Andrew  
Nickerson, Brandon Michael  
Scianna, Nicholas Alexander  
Seifert, Ryan Andrew  
Shepherd, Mark William

### **SYSTEMS ENGINEERING**

Doss, Derek Weston  
McNamara, Shaun Richard  
Mokhtarzada, Mustafa  
Nagamine, Eric Koji  
Nescio, Matthew Lawrence  
Owen, Pauline Marie  
Pendleton, Joshua Taylor  
Suh, Daniel Jung Ho  
Williams, Travis Ian

## **COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES**

### **MASTER OF ARTS**

#### **ENGLISH**

Belcher, Cassie Jean Marie  
Broyden, Robert Maxim

Corradi, Arianna  
Ewing, Rachel Marie  
Rush, Kara Ann

### **FOREIGN LANGUAGES, CULTURES, AND LITERATURES**

Belmouloud, Fouzia  
Claros, Hannah Elaine  
Enyang, Sankara  
Shiley, Sarah Elizabeth  
Sielaff, Kevin Michael

### **HISTORY**

Blake, Erica Nicole  
Culler, Mary Rose  
Flanagan, Savannah Jane  
Lawhorne, Savannah Alexis  
Pearson, Derek J.  
Turner, Ca Thoma Valencia  
Wilkerson, Kiana Denise  
Zavala Jr., Alfonso

### **MATERIAL CULTURE AND PUBLIC HUMANITIES**

Correa-Schmick, Kelly Marie  
Crenshaw, Caitlin Marie  
Naccarato, Laura Elizabeth  
Oglesby, Mackenzie Collings  
Palin, Alexandra M.  
Tidman, Jeremy Noah

## **PHILOSOPHY**

Curtis, Samuel John

Dempsey, Thomas Zebulon

Dixon, Kordell

Harley, Diana Jessica

Hirshland, Samantha Jane

Johnson, Andrea Marie

Malley, Colleen Margaret

Stocks, Dane

## **POLITICAL SCIENCE**

Balch, Thomas Keith

Bonifacio, Gerald Alexander

Gignoux, Hannah Rose

Gore, Caleb William

Matini, Armand Yousseff

Rivera, Alex M.

Schott, Benjamin Glen

Wilson, Matthew

Wiltsee, Alexandra Marie

Woods IV, Arthur Leo

## **MASTER OF ARTS IN COMMUNICATION**

### **COMMUNICATION**

Cole, Jared Lee

Curry, Kelsey O.

Maher, Emily Therese

Wanzer, Claire Victoria

Whitley, Hayden O'Brien

## **REPUTATION MANAGEMENT**

Pendleton, Emma Yu Tao

Scalzi, Johanna Donnelly

Tanner, Madilynne Elizabeth

## **MASTER OF ARTS IN EDUCATION**

### **COUNSELOR EDUCATION**

Adams, Hayley Maureen

Baugh, Mikayla

George, Christina Ila

Gilliland, Ellen

Jones, Kara Michelle

Lane, Crystal Breanna

Manner, Anne Marie

Montie, Alexandra Rae

Nardine, Jennifer Talbot

Nester, Bryce Chadwick

Overfelt, Kinsey Jean

Pearson, Celina Lynn

Reed, Chelsea Lynn

Roth, Arienne Journey

Warf, Brittany Taylor

White, Hannah Angela Marie

Winkeler, Allison Joan

## **CURRICULUM AND INSTRUCTION**

Altman, Orien Joseph

Armitage, Ian Andrew

Bai, Shuning

Brown, Jessica Lynne

Buchanan, Jaida Nicole

Castillo Alvarado, Jasmine Vanessa

Combs, Cameron Todd

Corbett, Lindsay Kathryn

Costello, Ashley Jean

Daly, Emeline Hope

Dang, Jennifer Chau

Davis, Tori Brooke

Douglas, Drew Raymond

Downing, Jordan Marie

Eberly, Andrew John

Epperly, Logan Scott

Garcia, Christian Alexander

Graham, William Matthew

Griffis, Elizabeth Mae

Gursahaney, Sarina Rani

Hagan, Hannah J.

Haines, Corey Stephen

Harvey, Caroline Lee

Hayes, Benjamin Isaac

Herrmann, Matthew Louis

Hoffman, Brock Stewart

Holmes, Katherine Ann

Honaker, Jacob Ryan

Huang, Leyao

Kashyap, Shikhar

Keating, Mackenzie Taylor

Layman, Emily Elizabeth

Lewis, Kayla Rae

Mana, Kiyoshi Scott

Mann, Robyn Leila

Martin, Karen Elizabeth

McDaniel, Jesika Monet

Meeks, Emily Anais

Meredith, Nicholas Allan

Michelon, Nicole

Moore, Daniel Stephen

Mutts, Justyn Javon

O'Dea, Alexandra Mary

Ogunbayode, Omobolanle Olayinka

Parry, Isabel Mariam

Peren, Amanda Mei-Mei

Phillips, Rachel Lauren

Poe, Isaac Douglas

Seay, Carley Michelle

Smith, Zoe Amara

Sparks, Evan Douglas

Steelman, Victoria Rose

Viers Jr., Robert Lee

Wadsworth, Ashley Lane

Walker II, Nathaniel Harding  
Wentworth, Samuel R.  
Williams, Edmund Thomas  
Wood, Olivia Taylor

**EDUCATIONAL LEADERSHIP  
AND POLICY STUDIES**

Turner, Raven ShaVonne

**HIGHER EDUCATION AND  
STUDENT AFFAIRS**

Andreu, Kenlee Mills  
Beaver, Zoe Rose  
DiFillippo, Ariana Rose  
Kamiab, Jasmine Jeanne  
Oglesby, Rose Crockett  
Pruitt, Tonya Renee  
Reynolds, Abigail Marie  
Shields, Brandon Christopher  
Silvia, Jessica B.  
Smith, Kathryn E.  
Weisenhorn, William Edward

**MASTER OF FINE ARTS  
CREATIVE WRITING**

Ankong, Honora Awamie  
Christopher, Blessing James  
Flores Zaldivar, Bessie Maria  
Homsher, Kira Klemmer

Lara, Sonya Alexandra  
Marhoefer, Katherinna  
Portela, Taylor Bruce

**THEATRE ARTS**

Chang, I On  
Duke, Casey Webster  
Sipes, Quinn Ryan  
Velazquez, Gabriel Luis  
Zobel, Gwentyth Anne

**MASTER OF SCIENCE**

**HUMAN DEVELOPMENT**

Beck, Marisa Joy  
Christensen, Stephanie L.  
Mpras, Evdoxia Michael  
O'Leary, Abigail Margaret  
Ratliff, Kathryn Georgette  
Renner, Samantha Marie

**SCIENCE AND  
TECHNOLOGY STUDIES**

Conley, Kyle David  
Dawkins, Ralisa Nieven  
Mandel, Savannah Lann

**SOCIOLOGY**

Drewry, Holli G.  
Robinson, Jacob Elijah

**MASTER OF SCIENCE  
IN EDUCATION  
CAREER AND TECHNICAL  
EDUCATION**

Guyton, Olivia Grace  
Henderson, Schuyler Custis  
Holland, Cynthia Rose  
Jenkins, Annaliese Megan  
Lineweaver, Evan Joseph  
Martin, Danielle Renee  
Mutscheller, Megan Louise  
Petrie, Justin David

**COLLEGE OF  
NATURAL RESOURCES &  
ENVIRONMENT  
MASTER OF FORESTRY**

Apisa, Ethan  
DeFeo, Julia Anne  
Every, Cora Leigh

**MASTER OF NATURAL  
RESOURCES  
NATURAL RESOURCES**

Asker, Elizabeth Grace  
Bellandi, Crissy  
Bradford, Theresa A.  
Chantarasap, Kulapan  
Cometti, Kara Elizabeth

Darnall, Frances Katherine  
Davis, Taryn Guerrero  
Estes, Keith  
Lewis, Fiona Rose  
Lilly, Nancy Hale  
Lopez, Megan Elizabeth  
McDaniel, Chase Parker  
Medsker, Cody Alan  
Mevoli, Andreana  
Milton, Young L.  
Naimy, Jessica Ann  
Navarrete, Angelica  
Neal, Sarah Renee  
Neviska, Tristan James  
ODonnell, Renee  
Pfof, Evan Michael  
Quarles, Jasmine Danielle  
Tenpenny, Nancy M.

**MASTER OF SCIENCE  
FISHERIES AND WILDLIFE**

Gichuru, Phillys Njambi  
Green, Rachael Elizabeth  
Guill, Marissa Hahn  
Hultin, Emma Ann

**FORESTRY AND  
FOREST PRODUCTS**

Bertucio, Timothy Joseph



Kim, Saewhan

Link, Nicholas Turner

Miller, Benjamin Daniel

Pownall, Malia Ann

Sharpe, Caroline Marie

Thorpe, Emily Grace

Umashankar, Viverjita

### **GEOGRAPHY**

Boza Carbonell, Karla Maria

Campbell, Jarek James

Crawford, Margaret Calyer

Donahoe, Daniel James

Gingrich, Tyler Michael

Henry, Parker Wade

Lewis, Colleen Paige

Stackhouse, Shakira Deshay

Stanfield, Tyler Jarrett

Stanley, Kyler Bruce

Villarreal, Mark David

## **COLLEGE OF SCIENCE**

### **MASTER OF ARTS IN DATA ANALYSIS AND APPLIED STATISTICS**

Bahja, Jonilda

Mosi, Krista Lynn

Wang, Yangchuan

## **MASTER OF SCIENCE BIOLOGICAL SCIENCES**

Conner, Jared P.

Perez, Claudia Elizabeth

### **CHEMISTRY**

Ramsey, Harley Andrew

### **MATHEMATICS**

Ackermann, Michael Stephen

Boone, Zackary Ryan

Candelaria, Ariel Zachary

Mikel-Stites, Maxwell

Morgan, Sarah Elizabeth

Saniel, Kathrine Noble

Tarrh, Trevor Nathaniel

### **PHYSICS**

Byrd, Natalie Joy

Connelly, Kyle Matthew

Lim, Youngmin

### **PSYCHOLOGY**

Gamache, Jordan Elizabeth

### **STATISTICS**

Barnett, Steven D.

Geither, Warren James

Han, Wenjun

Le, Minh Duc

Lee, Lina

Liu, Wei

**THE VIRGINIA-MARYLAND  
COLLEGE OF  
VETERINARY MEDICINE  
MASTER OF PUBLIC HEALTH**

Adrian, Andrew Joseph

Ard, Jessica

Barnes, Trevor Maxwell

Bautista, Madison

Beirne, Renee

Brantly, Nataliya Dubchak

Brooks, Myra Sophia

Carter, Steven Thomas

Chapman, Courtney L.

Chesley, Meaghan Elizabeth

Chinaka, Oziomachukwu

Cox, Emily Ann

Drinkard, Kateri Rebecca

Dwyer, Michelle Caprio

Fazio, Elizabeth Michelle

Frazier, Sarah Elizabeth

Furrow, Kari Lynne

Hahn, Camelia Louise Oresky

Hart, Cameron Kirk

Haynes, Bethany Peyton

Hearne, Mikayla Grace

Holloway, Jonathan Gabriel

Kohl, Kirsten Anne

Laoh, Kevin Benedictus

Maher, Emily Therese

Markey, Corrin Patrisha

Martin, Corwin Arthur

Moncure, Isabella Maria

Moser, Holley Marie

Nuzzo, Alexis Ann

Patton, Hannah Elisabeth

Richards, Livia Margaret

Schulte, Charlee Ann

Schwarzkopf, Sara

Turner, Jamie

Waranius, Brittney Nichole

**MASTER OF SCIENCE**

**BIOMEDICAL & VETERINARY  
SCIENCES**

Hellstern, Emily Anne

Hiebert, Elizabeth C.

Shah, Krishna Samir

**INTERDISCIPLINARY  
DEGREES**

**MASTER OF INFORMATION  
TECHNOLOGY**

Albertson, Richard E.

Allard, Thomas Christopher  
Alpough, Armani LaRae'  
Ang, Sanford Keyshun  
Bangura Jr., Johnathan M.  
Bender, Kyle Joseph  
Bergeron, Jeremiah Paul  
Berhane-Andu, Alfa  
Brown, Derek Troy  
Brown, Stefanie Osfolk  
Chapleau, Collin James  
Cho, Victor  
Cisco, Elikemi  
Cobb, Alissa Marie  
Cokus, Cynthia Cameron  
Coles Jr., Edward Lacey  
Crockett, Austin Tyler  
Cusati, Jason Anthony  
Daigle, Alan Russell  
Day, Jeffrey Robert  
Deshar, Santosh  
DuPre, Tyler Roderick  
Duso, Adam John  
Ehrlich, William Daniel  
English, Adam Daniel  
Evans, Brian Edward  
Flynn, Alexander Wayne  
Garcia, Bryan Jarrell  
Gebre, Messeret Feleke

Gillespie II, David Richard  
Goncharov, Iurii  
Guglielmo, Kyle Arthur  
Haddam, Abdulrahman  
Hale, Jordan Tyler  
Harms, Timothy S.  
Hill, Nathan James  
Hooten, Daniel Beryl  
Jebakani, Surendrakumar  
Kabir, Mohamed Abdouh  
Keenan, Matthew Howard  
Kidze, Bertrand Ayuk  
King, Edward Elliott  
Kirkpatrick, Daniel C.  
Kuskova, Svitlana  
Lando, Sergio  
Lankal, Venkateswara Reddy  
Lattus, Nathan Kemerer  
Leal, Danny  
Lewis, Daniel Jameson  
Lewis, Daniel Stephen  
Macht, William Charles Ahlers  
McCarty, Helen Maria  
Medrano Bonilla, Sandra Patricia  
Mendez, Dylan John Mckenzie  
Moll, Eduardo Gabriel  
Mudali, Hindira Santhaseyan  
Park, Justin Joon Hyung

Pennington, William D.  
Polhamus, Richard Andrew  
Ricci, Alissa Christine  
Richardson, Alicia Mellman  
Richardson, Jay Battle  
Rubino, Michael Austin  
Ruiz Ranz, Matias Jose  
Shawish, Adam Hasan  
Sorto, Vanessa Danely  
Stonebraker, Jonathan David  
Thornton, Michael Philip  
Torres, Jose De Jesus  
Velovic, Joseph  
Verma, Jeetendra  
Vo, Nina  
Vu, Ann Van  
Wheaton Jr., Robert Anthony  
Witherspoon, Laura Elizabeth  
Worden, Rachel Allison  
Yang, Eric Gregory

**MASTER OF SCIENCE**

**TRANSLATIONAL BIOLOGY,  
MEDICINE AND HEALTH**

Carlson, Alec D.

## **GRADUATE CERTIFICATES**

### **APPLIED STATISTICS**

Bangura, Johnathan M.  
Bender, Kyle Joseph  
Bergeron, Jeremiah Paul  
Berhane-Andu, Alfa  
Brown, Stefanie Osfolk  
Daigle, Alan Russell  
Deshar, Santosh  
English, Adam Daniel  
Evans, Brian Edward  
Garcia, Bryan Jarrell  
Gillespie, David Richard  
Gupta, Rashmi  
Kaupert, Michael Andrew  
Major, Argyro Christos  
McCarty, Helen Maria  
Park, Justin Joon Hyung  
Shaw, Anna A.

### **BIG DATA**

Bidasaria, Rachna Shlok  
Chapleau, Collin James  
Evans, Brian Edward  
Keenan, Matthew Howard

Richardson, Alicia Mellman  
Smith, Andre St Clare  
Thornton, Michael P.  
Verma, Jeetendra  
Vu, Ann Van

### **BUSINESS DATA ANALYTICS**

Brown, Stefanie Osfolk  
Guglielmo, Kyle Arthur  
Kaur, Manjot  
Keenan, Matthew Howard  
Monk, James Harrison  
Mudali, Hindira Santhaseyan  
Ruiz Ranz, Matias Jose  
Stonebraker, Jonathan David  
Yang, Eric Gregory

### **CYBERSECURITY MANAGEMENT**

Albertson, Richard Eugene  
Berhane-Andu, Alfa  
Brown, Derek Troy  
Park, Justin Joon Hyung

### **CYBERSECURITY POLICY**

Ang, Sanford Keyshun

Bangura, Johnathan M.

Cho, Victor

Cisco, Elikemi

Daigle, Alan Russell

Duso, Adam John

Ehrlich, William Daniel

Garcia, Bryan Jarrell

McCarty, Helen Maria

## **CYBERSECURITY**

### **TECHNOLOGIES**

Allard, Thomas Christopher

Cisco, Elikemi

Deshar, Santosh

Duso, Adam John

Guglielmo, Kyle Arthur

Harms, Timothy S.

Kaupert, Michael Andrew

Kirkpatrick, Daniel Clark

Lattus, Nathan Kemerer

Lewis, Daniel Jameson

Macht, William Charles Ahlers

Peeples, Brian Jerel

Polhamus, Richard Andrew

Sorto, Vanessa Danely

Thornton, Michael P.

Torres, Jose De Jesus

Ulmer, Rebekah Leigh

## **ECONOMIC DEVELOPMENT**

Walbridge, Tia Lynn

Woodson, Caitlin Marie

## **EDUCATIONAL RESEARCH**

Fielder, Emily Wade

Sanchez Robayo, Brigitte Johana

## **ENVIRONMENTAL POLITICS**

### **AND POLICY**

Rivera, Alex Mckenzie

## **FUTURE PROFESSORiate**

Barbish, Johnathon Richard

Bracci, Nicole Rose

Brooks, Joseph Peyton

Brooks, Keren Ruth

Campelo, Sabrina Nicole

Carter, Steven Thomas

Colucci-Chang, Katrina

Compton, Stephanie Lynn Edwards

Hamilton, Leah Marie

Hensley, Amanda A.

Lynn, Sarah

McGlynn, Deborah Fairbanks

Mi, Jia

Perez-Hernandez, Gabriela

Phillips, Jennifer Julia

Poghosyan, Armine

Robertson Foncette, Leslie-Ann C.

Sauder, Brooke Skyler

Senger, Sterling Mackenzie

Seo, Miran

Shuba, Todd Patrick

Stine, Caleb Allan

Sutliff, Bradley Phillip

## **GEOSPATIAL INFORMATION**

### **TECHNOLOGY**

Henry, Parker Wade

### **GERONTOLOGY**

Giles, Sarah Elizabeth Tally

Shelburne, William Robert

Stucki, Bradford David

## **GLOBAL PLANNING AND**

## **INTERNATIONAL**

## **DEVELOPMENT STUDIES**

## **GLOBAL SUSTAINABILITY**

Adeeb, Moni

Asker, Elizabeth Grace

Backman, Elizabeth Shaileen

Bellandi, Crissy

Bickelhaupt, Lisa

Boshart, Nicolas Alan

Botelho, Kira

Bradford, Theresa Angier

Chantarasap, Kulapan Noelle

Cometti, Kara Elizabeth

Davis, Taryn Guerrero

de Venoge, Nicole Therese

Embly, Caitlin Marie

Estes, Keith

Everson, David Evan

Flanagan, Rae

Holliday-Goulart, Ashton Lauren

Jama, Molly Jo

Lopez, Megan Elizabeth

McAvoy, Sydney Sheridan

McDaniel, Chase Parker

Neviska, Tristan James

Pfost, Evan Michael

Phillips, Ann Catherine

Powell, James Spencer

Quarles, Jasmine Danielle

Stanley, Elise Rebecca

Vaughn, Brandon Alexander

von Stamwitz, Maria

Ware, Cameron Trelles

Whaley, Burke Noble

Williams, Emily Rae

Williams, Nicholas

## **HIGHER EDUCATION**

### **ADMINISTRATION**

Shelburne, Suzanne Peyton

### **INCLUSION AND DIVERSITY**

Reynolds, Abigail Marie

Shields, Brandon Christopher

### **INFORMATION SYSTEMS DESIGN**

King, Edward Elliott

Olsen, Helen Nicole

## **HEALTH INFORMATION**

### **TECHNOLOGY**

Alpough, Armani LaRae

Cho, Victor

Gupta, Rashmi

Lankal, Vekateswara Reddy

Richardson, Alicia Mellman

## **INFORMATION TECHNOLOGY**

### **MANAGEMENT**

Haag, Dylan Tanner

Haddam, Abdulrahman

Hutson, Billy J.

Macht, William Charles Ahlers

Medrano Bonilla, Sandra Patricia

Mudali, Hindira Santhaseyan

Ruiz Ranz, Matias Jose

Smith, Andre St Clare



Yang, Eric Gregory

## **LEARNING SCIENCE**

Huang, Jingjing

Huang, Leyao

## **LOCAL GOVERNMENT MANAGEMENT**

Collins, Anthony Bowman

Cooke, Olivia Nyland

Jobe, Delsie Denyse

Richardson, Claire Avey

Starnes, Freda Russell

## **MIDDLE EAST POLITICS AND SOCIETY**

Bennett, Gabriel R.

## **NATURAL RESOURCES**

Adrian, Andrew J.

Barclift, Jane Ann

Cornette, Adam Douglas

Cudd, April Yvonne

Getman, Timothy Michael

Hensley, Chad Edward

Hinze, Tracy T.

Holliday-Goulart, Ashton Lauren

Latamore, Stacy

Medsker, Cody Alan

Moran, Ryan Matthew

Pew, Richard Westerman

Pfost, Evan Michael

Powell, James Spencer

Rearick, Courtney Ann

Richards, Livia Margaret

Ross, Jerome Edward-Burns

Stone, Madelyn Beale

## **NAVAL ENGINEERING**

Messler, Joseph Andrew

Moring, Robert Todd

## **PUBLIC HEALTH**

Holloway, Jonathan Gabriel

Parker, Molly Kathryn

## **PUBLIC HISTORY**

Blake, Erica Nicole

Culler, Mary Rose

Flanagan, Savannah Jane

Lawhorne, Savannah Alexis

Wilkerson, Kiana Denise

Zavala, Alfonso

## **REMOTE SENSING**

Datsko, Jill Marie

## **SECURITY STUDIES**

Grainger, Oscar H.

Tett, Adam Charles

Wiltsee, Alexandra Marie

## **SOFTWARE DEVELOPMENT**

Albertson, Richard Eugene

Cobb, Alissa Marie

Coles, Edward Lacey

Davies, Michael

Ehrlich, William Daniel

Gillespie, David Richard

Haddam, Abdulrahman

Hill, Nathan James

Leal, Danny

Lewis, Daniel Jameson

Major, Argyro Christos

Ricci, Alissa Christine

Rubino, Michael

Stonebraker, Jonathan David

Witherspoon, Laura Elizabeth

## **TECHNOLOGY MANAGEMENT**

Lee, Rosaline Mung-Yan

Nee, Andrew David

## **TRANSPORTATION PLANNING**

### **AND POLICY**

Stinnette, Alison Nicole

Woodson, Caitlin Marie

# **URBAN COMPUTING**

Kearns, Griffin Patrick