

COMMENCEMENT

SPRING 2024



THE GRADUATE SCHOOL  
Dean Aimée M. Surprenant

## **DOCTORAL DEGREES**

### **Doctor of Philosophy**

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

### **AGRICULTURAL AND EXTENSION EDUCATION**

Johnson, Kellie Victoria  
An Intrinsic Case Study of Virginia Tech's  
George Washington Carver Assistantship  
Program: Fostering Student Success  
Through Culturally Engaging Campus  
Environments

Committee Chair: Prof. T. A. Drape

Robinson, Quintin Orlando  
Urban Agricultural Education: Exploring  
Good Practices for Recruiting and Retaining  
Underrepresented Youth Into the  
Agricultural Industry

Committee Chair: Prof. R. D. Rudd

### **ANIMAL AND POULTRY SCIENCES**

Marrella, Mackenzie Ann  
Molecular Phenotypes Associated with  
Heifer Fertility

Committee Chair: Prof. F. H. Biase

Murray, Adam Riley  
Supplementation Strategies for Growing and  
Finishing Beef Cattle on Tall Fescue  
Pastures in the Southeast

Committee Chair: Prof. T. B. Wilson

Niblett, Richard Tyler  
Feeding Strategies to Enhance Gilt  
Reproduction and Subsequent Longevity in  
the Breeding Herd

Committee Chair: Prof. M. J. Estienne

### **ANIMAL SCIENCE, DAIRY**

Hruby, Alexis Cecilia  
Predicting Post-absorptive Amino Acid  
Supply to the Mammary Tissue

Committee Chair: Prof. K. M. Daniels and Prof. M.  
D. Hanigan

### **BIOCHEMISTRY**

Johnson, Sydney  
Mechanisms of Flavin-Dependent  
Monooxygenases Involved in Natural  
Product Chemistry

Committee Chair: Prof. P. Sobrado

McClune, Mecaila Elizabeth  
Elucidating the Role of Peptidoglycan from  
*Borrelia burgdorferi* in Lyme Disease  
Pathogenesis

Committee Chair: Prof. B. L. Jutras

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

Badon, Thomas Beauregard  
Exploring Phosphorus Dynamics in Mid-  
Atlantic Soils: A Multi-Scale Analysis  
Integrating Soil Fertility and Land  
Management for Environmental  
Sustainability

Committee Chair: Prof. M. S. Reiter

Haymaker, Joseph R.  
Cultivating Sustainability: Analyzing Soil  
Health Dynamics and Economic of Cover  
Crops in the Mid-Atlantic  
Committee Chair: Prof. M. S. Reiter

Thomas, Summer Payge  
The Evaluation of Rotational Bale Grazing  
as an Alternative Winter-Hay Feeding  
System  
Committee Chair: Prof. R. O. Maguire

## **ECONOMICS**

Cheng, Yang  
Tasks, Skills, and Jobs in the Green  
Economy  
Committee Chair: Prof. S. E. Chen

Swedberg, Kristen M.  
Essays in Surface Water Quality Valuation  
Committee Chair: Prof. K. Boyle

## **ENTOMOLOGY**

Bielski, Jason Tyler  
Management of Spotted Lanternfly  
(*Lycorma delicatula*) Overwintering Egg  
Masses; Multiple State Records of *Aculops*  
*ailanthi*, the Potential Biological Control  
Agent of Tree-of-Heaven (*Ailanthus*  
*altissima*)  
Committee Chair: Prof. D. G. Pfeiffer

Nikoukar, Atoosa  
Ecology and Management of Wireworms  
(Coleoptera: Elateridae) in Conventional and  
Organic Production Systems  
Committee Chair: Prof. A. Rashed

Schepis, John Philip  
Diapause Biology, Dispersal Capabilities  
and Insecticide Use for *Lygus lineolaris* in  
Mid-Atlantic Cotton Systems  
Committee Chair: Prof. A. Del Pozo-Valdivia

## **FOOD SCIENCE AND TECHNOLOGY**

Ayuk Etaka, Cyril Nsom  
Evaluating Risks and Mitigation Measures  
for Indicator Organisms and Foodborne  
Pathogens in Harvest Bags  
Committee Chair: Prof. L. K. Strawn

Miller, Rebekah Jane  
Using Flavor Chemistry, Sensory, and  
Texture to Determine Domestic Edamame  
Quality  
Committee Chair: Prof. R. Miller and Prof. Y. Yin

## **HORTICULTURE**

Brown, Forrest Jackson  
Nitrogen Fate and Transformations in the  
Production of Containerized Specialty Crops  
Committee Chair: Prof. A. X. Niemiera

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

Brown, Jeremiah M.  
The Effect of Episodic Future Thinking on a  
Novel Measure of Behavioral Economic  
Demand for Exercise  
Committee Chair: Prof. J. S. Stein

Ramadoss, Rohit kumar  
The Effect of Curcumin on Oxidative Stress  
and Inflammatory Markers in Recreationally  
Active Women and Men  
Committee Chair: Prof. S. L. Volpe

Sanchez, Allison Diane  
Evaluating Nutrition Recommendations and  
Identifying Predictors to Promote Healthy  
Weight Gain Through Whole Foods in  
Athletic Individuals

Committee Chair: Prof. D. E. Larson-Meyer

Sterringer, Trisha Marie  
The Effects of Low Energy Availability and  
High-Impact Exercise on Bone and Body  
Composition

Committee Chair: Prof. D. E. Larson-Meyer

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

Bilyeu, Landon T.  
Modeling the Spread of Airborne Particles  
Associated with Harmful Algal Blooms

Committee Chair: Prof. D. G. Schmale III and Prof.  
S. D. Ross

Koo, Daewon  
Assessing Spray Deposition and Weed  
Control Efficacy from Aerial and Ground  
Equipment in Managed Turfgrass Systems

Committee Chair: Prof. S. D. Askew

## **COLLEGE OF ARCHITECTURE, ARTS, AND DESIGN**

### **ARCHITECTURE AND DESIGN RESEARCH**

Almutlaq, Manal Abdullah M.  
A Knowledge-based Framework for an  
Aesthetically Pleasing Waste-Driven Wall  
Finish Panel Toward a Sustainable Building  
Practice in Saudi Arabia

Committee Chair: Prof. J. R. Jones

Alrayyan, Kawthar Mazin  
Parkification of Disturbed Landscapes:  
Uncovering the Process of Transforming  
Post-Industrial Sites into Urban Parks at  
Ruseifa, Jordan

Committee Chair: Prof. T. L. Clements and 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

Nusair, Heba Zaid  
Assessing Working Models' Impact on Land  
Cover Dynamics through Multi-Agent  
Based Modeling and Artificial Neural  
Networks: A Case Study of Roanoke, VA

Committee Chair: Prof. M. Kim

Rabab'ah, Ikhlas Oqlah  
Developing a Prototypical Biophilic  
Localized Natural Airflow Simulator  
(BLNAS) for a Modular Workstation

Committee Chair: Prof. J. R. Jones

Shen, Zhongzhe  
Enhancing Landscape Performance  
Measurement Using Smart Devices, Data  
Visualization, and Longitudinal Tracking  
Committee Chair: Prof. M. Kim

## **PAMPLIN COLLEGE OF BUSINESS**

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

Filosa, Jessica Rose  
An Examination of the Audit Implications of  
Third-Party Risk  
Committee Chair: Prof. S. E. Stein

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

Baldwin, Quentin Tramond  
Discursive Diversity Strategy: Signaling  
Theory and Implications for Firm Value  
Committee Chair: Prof. A. K. Ward Bartlett

Stuebi, Richard Theodore  
Exploring Antecedents to Environmentally-  
Consequential Consumer Choices and  
Behaviors  
Committee Chair: Prof. D. Chakravarti

### **BUSINESS, FINANCE**

Lin, Chun-Wei  
Essays on Factor Models  
Committee Chair: Prof. R. M. Edelen and Prof. K.  
Tran

## **BUSINESS, HOSPITALITY AND TOURISM MANAGEMENT**

Tucker, Charis Nicole  
Are You Judging Me? Exploring Legitimacy  
Through the Lens of Black Travelers  
Committee Chair: Prof. N. G. McGehee

Zhang, Huihui  
Strategizing in Response to Environmental  
Uncertainty in the Hospitality Industry: A  
Data-Analytical Approach  
Committee Chair: Prof. Z. Xiang and Prof. F. Zach

## **COLLEGE OF ENGINEERING**

### **AEROSPACE ENGINEERING**

Adkins, Vincent James  
Automated Detection and Analysis of Low  
Latitude Nightside Equatorial Plasma  
Bubbles  
Committee Chair: Prof. S. L. England

Apte, Dhruv Girish  
A Qualitative Assessment and Optimization  
of URANS Modelling for Unsteady  
Cavitating Flows  
Committee Chair: Prof. E. G. Paterson and Prof. O.  
Coutier-Delgosha

Bean, Ian Alexander  
Pre-ionization Studies on the Modular  
Theta-pinch Experiment for Field-reversed  
Configuration Applications  
Committee Chair: Prof. C. Adams

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

Bradshaw, Kolter Austen  
Emitting Wall Boundary Conditions in  
Continuum Kinetic Simulations: Unlocking  
the Effects of Energy-Dependent Material  
Emission on the Plasma Sheath

Committee Chair: Prof. B. Srinivasan

Carrier, Matthew James  
Coupling of the Magneto-Rayleigh-Taylor  
Instability to the Electrothermal Instability  
in Megaampere Pulsed-Power-Driven  
Implosions

Committee Chair: Prof. B. Srinivasan

Halefom, Mekonen Haileselassie  
Identification of Unsteady Flight Dynamic  
Models and Model-based Wind Estimation  
with Flight Test Validation

Committee Chair: Prof. C. A. Woolsey

Kaudur, Srivatsa Bhat  
Shape/Topology Optimization and Material  
Design Using Immersed FEM, and Material  
Modeling for Diver Underwater Explosion  
(UNDEX) Simulations

Committee Chair: Prof. R. K. Kapania and Prof. M.  
J. Patil

Mohammed, Ameer Insaf  
Experimental Characterization of Diffusive  
Phenomena in Multi-Ion-Species Plasma  
Shocks Formed During Railgun-Driven  
Plasma Jet Collision Events

Committee Chair: Prof. C. Adams

Murugaiyan, Suresh  
Modeling the Dynamics of Liquid Metal in  
Fusion Liquid Walls Using Maxwell-  
Navier-Stokes Equations

Committee Chair: Prof. B. Srinivasan and Prof. S.  
Brizzolara

Penn, Dylan R.  
Encoding the Sensor Allocation Problem for  
Reinforcement Learning

Committee Chair: Prof. J. T. Black

Pisharoti, Naina  
Aerodynamic and Aeroacoustic Analysis of  
Low Reynolds Number Propellers Using  
Higher-Order RANS Transition Turbulence  
Modeling

Committee Chair: Prof. S. Brizzolara

Racelis, Danielle Joan Lim  
Advanced Receiver Autonomous Integrity  
Monitoring for Multi-Constellation GNSS  
and LEO- Augmented GNSS

Committee Chair: Prof. M. Joerger

Sakib, Nazmus  
Time Delay Mitigation in Aerial Telerobotic  
Operations Using Predictors and Predictive  
Displays

Committee Chair: Prof. C. A. Woolsey

Samulski, Camille Clement  
A Study of the Rayleigh-Taylor Instability  
During Deceleration in Inertial Confinement  
Fusion Relevant Conditions

Committee Chair: Prof. B. Srinivasan

Tuminello, Richard Michael  
Extreme Ultraviolet Airglow Observations  
and Applications from the Ionospheric  
Connection Explorer

Committee Chair: Prof. S. L. England

Zhao, Xuning  
Long-Pulsed Laser-Induced Cavitation:  
Laser-Fluid Coupling, Phase Transition, and  
Bubble Dynamics

Committee Chair: Prof. K. G. Wang

## **BIOLOGICAL SYSTEMS ENGINEERING**

Bryant, John Alexander  
Synthetic Auxin Engineering: Building a  
Biofoundry Platform

Committee Chair: Prof. R. C. Wright and Prof. B.  
Bargmann

Chaisupa, Patarasuda  
Understanding and Engineering Chemically  
Activated Ubiquitin Ligases as a Biosensor  
for High-throughput Detection and  
Quantification of Molecules in Yeast

Committee Chair: Prof. R. C. Wright

Nourali, Zahra  
Assessing Climatic Hazards in Coastal  
Socio-Ecological Systems Using Complex  
System Approaches

Committee Chair: Prof. J. E. Shortridge

Towsif Khan, Sami  
Impacts of Stormwater Management  
Practices and Climate Change on Flow  
Regime and Channel Stability

Committee Chair: Prof. T. M. Thompson and Prof.  
D. J. Sample

## **BIOMEDICAL ENGINEERING**

Atay, Naciye Nur  
Effect of Interstitial Fluid Flow and  
Radiotherapy on Glioblastoma Invasiveness  
and Progression

Committee Chair: Prof. J. M. Munson

Esparza, Cora Marie  
Examining Location-specific Invasive  
Patterns: Linking Interstitial Fluid and  
Vasculature in Glioblastoma

Committee Chair: Prof. J. M. Munson

Esparza, Savieay Luis  
Integrated Multimodal Analysis: Evaluating  
the Impacts of Chemotherapy and  
Electroporation-Based Therapy on  
Lymphatic and Blood Microvasculature in  
Cancer

Committee Chair: Prof. J. M. Munson

Stark, Nicole Elizabeth  
Establishing Boundary Conditions for  
Optimized Recreation of Head Impact

Committee Chair: Prof. S. Rowson, Jr.

## **CHEMICAL ENGINEERING**

Avery, Katrina Nichole  
Volumetric Properties and Viscosity of  
Lubricant Oils and the Effects of Additives  
at High Pressure and Temperatures

Committee Chair: Prof. E. Kiran

Gupta, Mohit  
Modeling Flotation from First Principles  
Using the Hydrophobic Force as a Kinetic  
Parameter

Committee Chair: Prof. R. H. Yoon and Prof. W. A.  
Ducker

Hosseini, Mohsen  
Surface Coatings for Antimicrobial Activity  
and Fast Evaporation

Committee Chair: Prof. W. A. Ducker

Huang, Yang  
Computational and Data-Driven Design of  
Perturbed Metal Sites for Catalytic  
Transformations

Committee Chair: Prof. H. Xin

Niu, Liqian  
Locally Administered Particle-Anchored  
Cytokines Safely Enhance Cancer  
Immunotherapy

Committee Chair: Prof. R. Tong

## **CIVIL ENGINEERING**

Alarrak, Rashed  
Performance and Design of Extruded Fiber-  
Reinforced Mortar with Preferentially  
Aligned Fibers

Committee Chair: Prof. A. S. Brand

Alrumaidhi, Mubarak S M S  
Evaluating Factors Contributing to Crash  
Severity Among Older Drivers: Statistical  
Modeling and Machine Learning  
Approaches

Committee Chair: Prof. H. A. Rakha

Coleman, Zachary Wyatt  
Hooked Bar Anchorages and Their Use in  
Noncontact Lap Splices

Committee Chair: Prof. E. J. Jacques

Dias Ignacio Junior, Paulo  
Quantifying the Benefits of Multisensory  
Biophilic Restorative Experiences: An  
Empirical Study Measuring Effects on How  
Engineers Feel, Think, and Design

Committee Chair: Prof. E. W. Shealy III

Eteifa, Seifeldeen Omar  
Traffic Signal Phase and Timing Prediction:  
A Machine Learning and Controller Logic  
Hybrid Approach

Committee Chair: Prof. H. A. Rakha

Grinton, Charlie Wendell  
Improving the Design of Civil Infrastructure  
Messages for the Public

Committee Chair: Prof. F. E. Paige

Kaplan, Marcella Mina  
Implications of the Introduction of  
Advanced Technologies in Rural Delivery

Committee Chair: Prof. B. J. Katz and Prof. S. Hotle

Lytle, Christian J.  
Phosphate Use for Sequestration, Anti-  
Scaling, and Corrosion Control: Critical  
Review, Simultaneous Optimization of  
Polyphosphate Dosing, Sequestration  
Mechanisms, and Stabilization of  
Magnesium Silicate Scale

Committee Chair: Prof. M. A. Edwards

Smith, Alan Glynn  
Human Computer Interaction Design for  
Assisted Bridge Inspections via Augmented  
Reality

Committee Chair: Prof. R. Sarlo

Trump, Joshua Jordan  
Embodied Virtual Reality: The Impacts of  
Human-Nature Connection During  
Engineering Design

Committee Chair: Prof. E. W. Shealy III

Walshire, Lucas Adam  
Transient Seepage Analysis for Levees and  
Dams: Numerical and Monitoring  
Approaches

Committee Chair: Prof. T. L. Brandon

Wang, Jiefu  
Carbon-efficient Wastewater Treatment  
Through Resource Recovery, Process  
Intensification, and Partial Denitrification  
Anammox

Committee Chair: Prof. Z. Wang

Wang, Wei  
Surface-Enhanced Raman Spectroscopy  
Enabled Microbial Sensing

Committee Chair: Prof. P. J. Vikesland

Welling, Stephen Michael  
Modeling the Economic Life of Ferrous  
Water Mains for Optimal Renewal Timing  
and Project Selection

Committee Chair: Prof. S. K. Sinha

## **COMPUTER ENGINEERING**

Ambarkutuk, Murat  
Multi-Sensor Passive Multi-Occupant  
Localization

Committee Chair: Prof. C. F. Jones III and Prof. P. E. Plassmann

Atalay, Tolga Omer  
Design of Secure Scalable Frameworks for  
5G and Beyond

Committee Chair: Prof. A. Stavrou

Ismail, Mohannad Adel Abdelmoniem  
Ahmed  
Effective and Practical Defenses Against  
Memory Corruption and Transient  
Execution Attacks with Hardware Security  
Features

Committee Chair: Prof. C. Min and Prof. W. Xiong



Mahmod, Md Jubayer Al  
The Art of SRAM Security: Tactics for  
Remanence-based Attack and Strategies for  
Defense

Committee Chair: Prof. M. Hicks

Panwar, Gagandeep  
Utilization-adaptive Memory Architectures

Committee Chair: Prof. A. Butt and Prof. X. Jian

Rezvani, Behnaz  
Automatic Co-Synthesis of Hardware and  
Software Safety Monitors for Embedded  
Systems

Committee Chair: Prof. C. D. Patterson

## **COMPUTER SCIENCE AND APPLICATIONS**

Alhamadani, Abdulaziz Abdulrhman  
Integrated Predictive Modeling and  
Analytics for Crisis Management

Committee Chair: Prof. C. Lu

Alkulaib, Lulwah Ahmad  
Analyzing Networks with Hypergraphs:  
Detection, Classification, and Prediction

Committee Chair: Prof. C. Lu

Chen, Hongjie  
Graph-based Time-series Forecasting in  
Deep Learning

Committee Chair: Prof. H. M. Eldardiry

Corbett, Matthew  
Enhancing Security and Privacy in Head-  
Mounted Augmented Reality Systems Using  
Eye Gaze

Committee Chair: Prof. B. Ji

Gong, Jiaying  
Few-Shot and Zero-Shot Learning for  
Information Extraction

Committee Chair: Prof. H. M. Eldardiry

Hassan, Taha  
Contours of Prerogative: Trust, Editorial  
Intent, and Institutional Support in Higher  
Education

Committee Chair: Prof. D. S. McCrickard

He, Jianfeng  
Uncertainty Estimation on Natural Language  
Processing

Committee Chair: Prof. C. Lu

Karajeh, Ola Abdel-Raheem Mohammed  
Improving Text Classification Using Graph-  
based Methods

Committee Chair: Prof. E. A. Fox and Prof. D. Zhou

Liang, Xiao  
Computational Insights into Evolutionary  
Dynamics of Human and Primate Genes

Committee Chair: Prof. L. S. Heath

Liu, Zhongdong  
Data Freshness in Information-update  
Systems: Modeling, Scheduling, and  
Tradeoffs

Committee Chair: Prof. B. Ji

Sowle, Rachita  
Combinatorial Algorithms for Server  
Allocation Problem

Committee Chair: Prof. S. Raghvendra

Williams, Harrison Ridgway  
Circuit Support for Practical and Performant  
Batteryless Systems

Committee Chair: Prof. M. Hicks

## **ELECTRICAL ENGINEERING**

Coyle, Shane Erik  
Conductivity Modulation of Magnetosphere-  
Ionosphere Coupling

Committee Chair: Prof. C. R. Clauer, Jr. and Prof. J.  
B. Baker

Garg, Aditya  
Advancing Nanoplasmonics-enabled  
Regenerative Spatiotemporal Pathogen  
Monitoring at the Bio-interface  
Committee Chair: Prof. P. J. Vikesland and Prof. W.  
Zhou

Jain, Akshay Kumar  
Integrated Optimal Dispatch, Restoration  
and Control for Microgrids  
Committee Chair: Prof. C. Liu

Jin, Feng  
PCB-Based High-Power DC/DC Converters  
with Integrated Magnetics for Battery  
Charger Applications  
Committee Chair: Prof. Q. Li

Kim, Jongwoon  
Flexible, Multifunctional Fiber Devices for  
Biomedical Application  
Committee Chair: Prof. X. Jia

Li, Qian  
Designing Power Converter-Based Energy  
Management Systems with a Hierarchical  
Optimization Method  
Committee Chair: Prof. D. Boroyevich

Li, Zheqing  
High-frequency Power Conversion for  
Medium Voltage Power Electronics  
Interfaces  
Committee Chair: Prof. Q. Li

Lin, Qing  
DQ-Frame Small-Signal Stability Analysis  
of AC Systems with Single-Phase and  
Three-Phase Converters  
Committee Chair: Prof. R. Burgos

Lou, Xin  
Single-Stage 48V/1V Voltage Regulator for  
High-Performance Microprocessors  
Committee Chair: Prof. Q. Li

Mi, Xuelong  
Brain Signal Quantification and Functional  
Unit Analysis in Fluorescent Imaging Data  
by Unsupervised Learning  
Committee Chair: Prof. G. Yu

Morency, Christopher Charles  
Collision Avoidance Using a Low-Cost  
Forward-Looking Sonar for Small AUVs  
Committee Chair: Prof. D. J. Stilwell

Oyedare, Taiwo Remilekun  
A Comprehensive Analysis of Deep  
Learning for Interference Suppression,  
Sample and Model Complexity in Wireless  
Systems  
Committee Chair: Prof. J. H. Reed and Prof. D.  
Jakubisin

Qi, Chensen  
Optimization of Distribution Systems:  
Transactive Energy and Resilience  
Enhancement  
Committee Chair: Prof. C. Liu

Sahani, Nitasha  
AI-based Defense Against Cyberattacks in  
Cyber-Physical Distribution Systems  
Committee Chair: Prof. C. Liu

Zhao, Xingchen  
Power Density Optimization of SiC-based  
DC/AC Converter for High-Speed Electric  
Machine in More/All-electric Aircraft  
Committee Chair: Prof. D. Dong

Zhu, Ruoxi  
Intrusion Detection and Recovery of a  
Cyber-Power System  
Committee Chair: Prof. C. Liu

## **ENGINEERING EDUCATION**

Brisbane, Julia Machele  
Leveraging Epistemic Exclusion as a Lens  
for Investigating Black Engineering  
Students' Undergraduate Research  
Experiences

Committee Chair: Prof. W. C. Lee, Jr. and Prof. J.  
S. London

Martinez Soto, Karen Dinora  
A Case Study on Atmospheric Flight  
Mechanics Conceptual Understanding

Committee Chair: Prof. N. Pitterson

Pee, Crystal Meagan  
Countering the John Henryism Narrative: A  
Case Study to Explore How Black Engineers  
Respond to Working Conditions

Committee Chair: Prof. W. C. Lee, Jr.

Schilling, Malle Rea  
Understanding Place and Rurality in  
Engineering Education Through Pathways  
and Engagement

Committee Chair: Prof. J. R. Grohs

Snyder, Samuel Aaron  
Exploring Engineering Faculty Experiences  
and Networks in Integrating Ethics  
Education: Insights from a University-Wide  
Curriculum Reform

Committee Chair: Prof. D. Bairaktarova

Taimoory, Hamidreza  
Understanding STEM Students' Perceptions  
of Support

Committee Chair: Prof. D. B. Knight

Vicente, Sophia  
Exploring Programmatic Elements,  
Learning, and Sense of Belonging in an  
Engineering Internship Program

Committee Chair: Prof. H. Matusovich

## **ENGINEERING MECHANICS**

Bradley, Aidan James  
Robotic Eavesdropping: Effects of  
Bioinspired Acoustic Sensing on Tracking  
and Estimation

Committee Chair: Prof. N. T. Abaid

Herbers, Eileen Mary  
Exploring the Potential Safety Impact of  
Automated Driving Systems Using  
Naturalistic Data

Committee Chair: Prof. Z. R. Doerzaph

Snyder, William David  
Advancing Maternal Health Through  
Projection-based and Machine Learning  
Strategies for Reduced Order Modeling

Committee Chair: Prof. R. De Vita

## **ENVIRONMENTAL DESIGN AND PLANNING**

Dowell, Zachary David  
Investigating Point-of-Source Organic  
Waste Treatment: The Case of Household  
Biogas in the U.S.

Committee Chair: Prof. A. R. Pearce

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

Sharifniay Dizboni, Hourii  
Developing Prefabricated, Light-weight  
CLT Exterior Wall Panels for Mid-rise  
Buildings

Committee Chair: Prof. G. Reichard

## **INDUSTRIAL AND SYSTEMS ENGINEERING**

Al rezq, Mohammed Shjea  
Empirical Investigation of Lean  
Management and Lean Six Sigma Success in  
Local Government Organizations  
Committee Chair: Prof. E. M. Van Aken

Ba-Aoum, Mohammed Hassan  
Advancing Emergency Department  
Efficiency, Infectious Disease Management  
at Mass Gatherings, and Self-Efficacy  
Through Data Science and Dynamic  
Modeling  
Committee Chair: Prof. K. P. Triantis and Prof. N.  
Hosseinichimeh

Fravel, William James  
Ideal MILP Embeddings for Disjunctive  
Programs with Applications to Political  
Districting and Landscape Clearing  
Committee Chair: Prof. R. Hildebrand

Gnanasambandam, Raghav  
Physics-informed Machine Learning for  
Digital Twins of Metal Additive  
Manufacturing  
Committee Chair: Prof. Z. Kong

Hashemian, Seyed Mohammad  
Production Pressure in Complex Socio-  
Technical Systems: Analysis, Measurement,  
and Prediction  
Committee Chair: Prof. K. P. Triantis

Lee, Youngjae  
Non-Treadmill Trip Training Laboratory  
Efficacy, Validation of Inertial  
Measurement Units, and Tripping  
Kinematics in the Real-World  
Committee Chair: Prof. M. L. Madigan

Liu, Ning-Yuan  
Enhancing Safety in Critical Monitoring  
Systems: Investigating the Roles of Human  
Error, Fatigue, and Organizational Learning  
in Socio-Technical Environments  
Committee Chair: Prof. K. P. Triantis

Miller, Marcus Soren  
The Application of Dynamic Capabilities  
and Policy Simulation to the Public Sector's  
Challenges in Cybersecurity and  
Ransomware  
Committee Chair: Prof. N. Ghaffarzadegan

Ojelade, Aanuoluwapo Ezekiel  
Evaluation of Markerless Motion Capture to  
Assess Physical Exposures During Material  
Handling Tasks  
Committee Chair: Prof. M. A. Nussbaum

Wilhelm, Julia Claire Wolf  
Boundary Resilience: A New Approach to  
Analyzing Behavior in Complex Systems  
Committee Chair: Prof. J. D. Moreland, Jr.

## **MATERIALS SCIENCE AND ENGINEERING**

Islam, Rezawana  
Factors Affecting Fuel Transport of  
Firefighting Foam  
Committee Chair: Prof. B. Y. Lattimer

Knight, Kendall Peyton  
Heat Generation and Transfer in Additive  
Friction Stir Deposition  
Committee Chair: Prof. H. Yu

Lin, Yifeng  
Process/Structure/Property Relationships of  
Semi-Crystalline Polymers in Material  
Extrusion Additive Manufacturing  
Committee Chair: Prof. C. B. Williams

Spencer, Joseph Andrew  
Epitaxial Gallium Oxide Heterojunctions for  
Vertical Power Rectifiers

Committee Chair: Prof. Y. Zhang and Prof. Y.  
Zhang

## **MECHANICAL ENGINEERING**

Ahmed, Zakia

An Invariant Extended Kalman Filter for  
Indirect Wind Estimation Using a Small,  
Fixed-Wing Uncrewed Aerial Vehicle

Committee Chair: Prof. C. A. Woolsey

Alenezi, Abdulrahman Obaid

Optimizing the Variability in the  
Deformation of a Biomimetic Pinna

Committee Chair: Prof. R. Mueller

Ansari, Rohaya

Reduced-order Adaptive Output Predictor  
for a Class of Uncertain Dynamical  
Systems: Application to EEG-Based Control  
of Working Memory

Committee Chair: Prof. A. Leonessa

Beiter, Benjamin Christopher

Multi-Objective Control for Physical and  
Cognitive Human-Exoskeleton Interaction

Committee Chair: Prof. A. Leonessa and Prof. D.  
Srinivasan

Chapin, Samantha Helen Glassner

Model Informed and Fiducial Aided  
Simultaneous Localization and Mapping  
for Robotic In-Space Assembly and  
Servicing of Large Truss Structures

Committee Chair: Prof. E. Komendera

Ding, Ning

Teleoperation System for Autonomous  
Vehicle

Committee Chair: Prof. A. Eskandarian

Eyegheleme, Ndidi Lilyann

Scalable Synthetic Trees for Transpiration-  
Powered Hydraulic Systems

Committee Chair: Prof. J. B. Boreyko

Kakou, Paul-Camille

Simultaneous Vibration Control and Energy  
Harvesting of Nonlinear Systems Applied to  
Power Lines

Committee Chair: Prof. O. Barry

Kim, Troy Jaisohn

An Interdisciplinary and Probabilistic  
Treatment of Contemporary Highway  
Design Standards

Committee Chair: Prof. J. B. Ferris

Liu, Sheng

Optimization and Supervised Machine  
Learning Methods for Inverse Design of  
Cellular Mechanical Metamaterials

Committee Chair: Prof. P. Acar

Malla, Arun Lee

An Exploration of Nonlinear Metamaterials  
With Electromechanical and Quasiperiodic  
Elements

Committee Chair: Prof. O. Barry

Manjangkarani Giridharan, Ashwin Kumar  
Investigation of Supersonic Jet Noise at  
Afterburner Conditions

Committee Chair: Prof. J. Meadows

Mehr, Goodarz

Cooperative Perception for Connected  
Vehicles

Committee Chair: Prof. A. Eskandarian

Noparast, Soheyl

Experimental and Numerical Investigation  
of Steady-state and Transient Ultrasound  
Directed Self-assembly of Spherical  
Particles in a Viscous Medium

Committee Chair: Prof. B. Raeymaekers

Sallam, Ahmed  
Multi-functional Holographic Acoustic  
Lenses for Modulating Low- to High-  
Intensity Focused Ultrasound  
Committee Chair: Prof. S. Shahab

Shenvi, Mohit Nitin  
Compacted Snow Testing Methodology and  
Instrumentation  
Committee Chair: Prof. C. Sandu and Prof. C. D.  
Untaroiu

Sivashangaran, Shathushan  
Autonomous Mobile Robot Navigation in  
Dynamic Real-World Environments  
Without Maps With Zero-Shot Deep  
Reinforcement Learning  
Committee Chair: Prof. A. Eskandarian

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

Verulkar, Adwait Dhananjay  
Optimal Design and Control of Multibody  
Systems with Friction  
Committee Chair: Prof. C. Sandu and Prof. A.  
Sandu

Zhan, Ying  
Biomanufacturing of Bacteria-Mediated  
Drug Delivery Systems and Investigation of  
Their Interaction with the Tumor  
Microenvironment  
Committee Chair: Prof. B. Behkam

## **MINING ENGINEERING**

Li, Qi  
Critical Elements Recovery from Acid Mine  
Drainage  
Committee Chair: Prof. W. Zhang

## **NUCLEAR ENGINEERING**

Park, Jaewoo  
Studies on Molten Salt Fuels: Properties,  
Purification, and Materials Degradation  
Committee Chair: Prof. J. Zhang

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

Heasley, Christian Daniel  
Rural Student Career Development:  
Examining Between-Group Differences in  
Self-Efficacy and Outcome Expectation  
Committee Chair: Prof. T. O. Grimes

Loury, Jacoby  
This Is How We Do It: Black Counselor  
Educators Preparing CITs to Broach Race  
Committee Chair: Prof. T. O. Grimes

## **CURRICULUM AND INSTRUCTION**

Adeneye, Gabriel Oluwatosin  
Instructional Design and Technology  
Through the Years: A Bibliometric Analysis  
of Educational Technology Research and  
Development (ETR&D) Journal  
Committee Chair: Prof. B. B. Lockee and Prof. G.  
A. Holmes

Alghamdi, Bushra Abdulkarim  
Guidelines for Informed Instructional  
Strategy Selection in Online Higher  
Education: A Design and Development  
Research  
Committee Chair: Prof. B. B. Lockee

Asante, Douglas  
Rapid Instructional Design for Emergency  
Remote Teaching in Higher Education  
Committee Chair: Prof. K. R. Potter

Cox, Larry Alenda  
Development and Evaluation of a Tool to  
Reduce Novice Designer Uncertainty when  
Developing Instructional Materials  
Committee Chair: Prof. B. B. Locke

Engelhardt, Mason Robert  
Feedback in Digital Game-Based Learning  
(DGBL): Influencing Students' Self-Efficacy  
& Motivation  
Committee Chair: Prof. P. E. Doolittle and Prof. D.  
J. Fortune

Greene, Clark  
Perceptions of Technology/Engineering  
Education Influence on Integrated STEM  
Teaching and Learning  
Committee Chair: Prof. J. G. Wells

Jackson, Janelle Torree Harden  
The Engineering Identity Development of  
Department of the Air Force Women of  
Color Developmental Engineers  
Committee Chair: Prof. B. D. Bowen

Maguire, Jennifer Lynn  
A Proof-of-Concept Study in the  
Development of an Observation Protocol  
Based on Science and Engineering Practices  
Committee Chair: Prof. N. E. Bodenhorn and Prof.  
N. L. Ferand

Mitchell, Anza Laquetta  
An Examination of High School Teachers'  
Experiences with STEAM Curriculum  
Implementation  
Committee Chair: Prof. M. Pratt

Whitten, Clint Davis  
Identity and Place: Exploring the  
Complexities Between Rural Education,  
Community, and Queerness  
Committee Chair: Prof. A. P. Azano

Young, Tabitha Smithson  
Level of Workplace Readiness Skills When  
Entering the Workplace as Perceived by  
Employers and Recent High School  
Graduates  
Committee Chair: Prof. N. L. Ferand

## **EDUCATIONAL LEADERSHIP AND POLICY STUDIES**

Alwadi, Abdulmohsen  
Teacher Participation in Decision Making  
and its Relationship to Job Satisfaction in  
Middle Schools in Riyadh, Saudi Arabia  
Committee Chair: Prof. M. D. Alexander

## **EDUCATIONAL RESEARCH AND EVALUATION**

Lawrence, Kacy  
A Multilevel Analysis to Examine  
Interdisciplinary Research Experience  
Among Doctoral Graduates and Its Effect on  
Career Outcomes  
Committee Chair: Prof. D. J. Kniola

## **HIGHER EDUCATION**

Adams, Venice Marie  
(Mis)communicating Postsecondary  
Opportunities Through Diploma Pathways:  
A Content Analysis of Louisiana Public  
High School Websites  
Committee Chair: Prof. C. K. Robbins

Bluestein, Thomas Martin  
Title IX Coordinators: Good People Doing  
Good Work Under Impossible Expectations  
Committee Chair: Prof. D. J. Catalano

Erwin, Abbey Rowe  
Unrealistic Expectations: A Qualitative  
Study Exploring the Lived Experiences of  
Former Campus-Based Fraternity/Sorority  
Advisors

Committee Chair: Prof. C. K. Robbins

## **HUMAN DEVELOPMENT**

Gupta, Shivangi  
Indian Wives of Incarcerated Men Tell Their  
Stories: An Intersectional Narrative Analysis  
of Disenfranchisement and Resilience

Committee Chair: Prof. C. Sanner

Murray, Michelle Marie  
Having 'The Talk': Parents' Decision  
Making Related to Communication with  
Children About Sex

Committee Chair: Prof. E. L. Grafsky

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

Harmony, Xavier Joshua  
Essays in Transportation and Electoral  
Politics

Committee Chair: Prof. R. Buehler

Katolin, Dennis William  
Adaptation to the Information Environment

Committee Chair: Prof. J. Peters

Netto, Brett Raymond  
Defeated Great Powers: The Effects of a  
Successful or Unsuccessful Reintegration  
into the Great Powers Club

Committee Chair: Prof. I. Stivachtis

Qi, Meng  
Leveraging Street View and Remote  
Sensing Imagery to Enhance Air Quality  
Modeling Through Computer Vision and  
Machine Learning

Committee Chair: Prof. S. C. Hankey, Jr.

Seo, Hye-Jeong  
Unleash the Power of Information and Data  
for the Risk Society: Environmental Risks,  
Leverage of Scientific Information and Data,  
and Mediated Communication

Committee Chair: Prof. T. E. Schenk

Xie, Ruixiang  
Policy Diffusion in U.S. Hazard Mitigation  
Planning: An Intergovernmental Perspective

Committee Chair: Prof. P. S. Roberts and Prof. Y.  
Zhang

## **PUBLIC ADMINISTRATION/ PUBLIC AFFAIRS**

Alshenaifi, Abdulilah Abdullah M.  
Examining the Impact of Human Resource  
Management (HRM) on Telework  
Participation Among US Federal Employees

Committee Chair: Prof. M. M. Dull

Boyette, Charity Lynne  
Career Public-Sector Employee Attitudes  
About Political Appointments: A Study of  
the U.S. Department of State

Committee Chair: Prof. M. M. Dull

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

Committee Chair: Prof. L. S. Jensen



Layout, Thomas Joseph  
Staffing for Adequate Fire and Emergency  
Responders (SAFER) Grant Program: An  
Analysis of Fiscal Federalism and How  
Local Governments Utilize SAFER Grant  
Funding

Committee Chair: Prof. M. M. Dull

McDonald, Todd Allen  
"The Veteran Problem"?: The American  
WWII Veteran

Committee Chair: Prof. M. M. Dull

Okereke, David  
The Quest to Humanize Policy  
Interventions: Exploring the Relationship of  
Neighborhood Revitalization Programs on  
Subjective Well-being (SWB) of Low -  
Income Neighborhoods in the United States

Committee Chair: Prof. K. M. Hult

Ray, Yolanda Y.  
How Secretaries of State Shaped U. S. One  
China Policy

Committee Chair: Prof. K. M. Hult and Prof. M. M.  
Dull

Sogodogo, Amady Tiecoura  
Cultivating Professional Meaning and  
Organizational Commitment: Frontline  
Nurses' Stories About Peer Support

Committee Chair: Prof. M. M. Dull

## **RHETORIC AND WRITING**

Ganguly, Priyanka  
Institutional Global Maternal Nutrition  
Communication: Unblackboxing Rhetorical  
Power Dynamics in Transnational Spaces

Committee Chair: Prof. K. E. Pender and Prof. J. M.  
Gerdes

Robertson, Chloe Jade  
Navigating the Legal Constraints of Being a  
Nonimmigrant: A Study of the Technical  
Communication Challenges for International  
Graduate Students in the United States

Committee Chair: Prof. K. E. Pender and Prof. C.  
Commer

## **SCIENCE AND TECHNOLOGY STUDIES**

Leff, Jack Rance  
An Alchemy of Smoke and Flame: The  
Politics of Tear Gas Use Against Social  
Movements in the United States

Committee Chair: Prof. R. Hester

Sattler, Meredith Jaye  
Constructing an Anthropocene: Organizing  
Life Through Logics of Enclosure at  
Biosphere 2, 1984 - 1994

Committee Chair: Prof. J. E. Abbate

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

Beckenhauer, Samuel Brian  
The Politics of Conspiracy Theory and  
Control: Cybernetic Governmentality and  
the Scripted Political

Committee Chair: Prof. F. Debrix

Briggs, Alexandra Lauren  
Police, White Supremacy, and the Affective  
Fact of Fear: A Critical Affective Analysis  
of the "Reasonable Fear" Doctrine for U.S.  
Police Use of Deadly Force

Committee Chair: Prof. O. Agozino

Brimmer, Casey Anne  
Creating a Pedagogy of the Full Self: Being  
and Inviting Full Selves Into Academia

Committee Chair: Prof. K. Queen

Byg, Reed Lauren  
Political Ecologies of Encounter: Mapping  
Enclosures and Disruptions in Food Access  
Committee Chair: Prof. M. J. Caraccioli

Glasson, Hannah Gray  
Political Applications of Systems Theory in  
the Twentieth Century: From Cybernetic  
Control to Spontaneous Emergence  
Committee Chair: Prof. M. J. Caraccioli

Jones, June Ann  
The Peasant and the Farmer:  
(Re)Constituting Settler Colonialism and  
Capitalist Relations in the US Imaginary  
Committee Chair: Prof. T. W. Luke and Prof. B. S.  
Gill

Ramnath, Leah A.  
Cynical Futurities: A Critical  
Methodological Intervention Toward a  
Cynical Geography  
Committee Chair: Prof. A. N. Baldwin and Prof. B.  
S. Gill

Shajahan, Muhammed Shah  
The Brahmin Problem: Charity, Expenditure  
and the Genealogy of Sovereignty in  
Travancore  
Committee Chair: Prof. R. M. Scott

Tepper, Madison Jeanette  
Synthetic Solidarities: Theorizing Queer  
Affectivity and Trans\*national/temporal  
Emulsification as Embodied Resistance to  
Global Capitalism  
Committee Chair: Prof. C. Labuski and Prof. M. J.  
Caraccioli

## **COLLEGE OF NATURAL RESOURCES & ENVIRONMENT**

### **FISHERIES AND WILDLIFE**

Alonso, Robert Scott  
Carnivore Niche Dynamics, Resource  
Utilization, and Deer Consumption in the  
Central Appalachian Mountains of Virginia  
Committee Chair: Prof. M. J. Kelly

Alves Pereira, Luciana  
Migration and Growth Ecology of  
Pseudoplatystoma Fasciatum in the Amazon  
Basin  
Committee Chair: Prof. E. M. Hallerman and Prof.  
L. Castello

Ganser, Alissa Marie  
Investigating the Life History, Demography,  
and Thermal Tolerances of Rare and  
Endangered Freshwater Mussels (Bivalvia:  
Unionidae) in the Upper Tennessee River  
Basin  
Committee Chair: Prof. J. W. Jones and Prof. E. M.  
Hallerman

### **FORESTRY AND FOREST PRODUCTS**

Alvarez Valverde, Mary Paz  
Finite Element Modeling of Plastic Pails  
When Interacting with Wooden Pallets  
Committee Chair: Prof. L. Horvath

Corline, Nicholas John  
Physical and Biological Drivers of  
Wetlandscape Biogeochemistry  
Committee Chair: Prof. D. L. McLaughlin

Freeman, James William  
Determinants of Success in Group Work  
Settings in Federal Natural Resource  
Recreation Management  
Committee Chair: Prof. M. G. Sorice

Lovely, Belladini  
Development of Cellulose-Titanium  
Dioxide-Porphyrin Nanocomposite Films  
with High-barrier, UV-blocking, and Visible  
Light-Responsive Antimicrobial Features  
Committee Chair: Prof. Y. T. Kim

## **COLLEGE OF SCIENCE**

### **BIOLOGICAL SCIENCES**

Bueren, Emma Kathryn Rose  
Viruses in Host-associated Systems:  
Characterizing Bacteriophages in Honey  
Bee Gut and Amphibian Skin Microbiomes  
Committee Chair: Prof. L. K. Belden

Burt, Melissa Ann  
Global Change Effects on Ant-mediated  
Seed Dispersal  
Committee Chair: Prof. S. Whitehead

Esteves, Nathaniel Carlos  
The Interplay Between Pathogenic Bacteria  
and Bacteriophage Chi: New Directions in  
Motility and Phage-host Interactions in  
Enterobacterales  
Committee Chair: Prof. B. Scharf

Gelambi Desiato, Mariana  
Fruit Chemical Traits Shape Bat Nutritional  
Ecology: From Basic Science to  
Applications  
Committee Chair: Prof. S. Whitehead

Gregory, Casey L  
Effects of the Antibiotic Tetracycline on the  
Honey Bee Gut Microbiome  
Committee Chair: Prof. L. K. Belden

Grimaudo, Alexander Thomas  
Exploring the Drivers and Consequences of  
Emerging Infectious Disease of Wildlife  
Committee Chair: Prof. K. E. Langwig

Lewis, Abigail Sara Larson  
Oxygen Dynamics in the Bottom Waters of  
Lakes: Understanding the Past to Predict the  
Future  
Committee Chair: Prof. C. C. Carey

Roach, Tiffany Grace  
Molecular Mechanisms of TOM1-mediated  
Protein Trafficking in Health and Disease  
Committee Chair: Prof. D. G. Capelluto

### **CHEMISTRY**

Chinn, Abigail Frances  
Synthesis and Applications of  
Polysaccharide-Based Materials Using N-  
Thiocarboxyanhydrides and Polypeptides  
Committee Chair: Prof. J. Matson

Dunnavant, Kyle Jacob  
Improving Potency and Oral Bioavailability  
of Spinster Homolog 2 (Spns2) Inhibitor: A  
Structure-Activity Relationship Study  
Committee Chair: Prof. W. Santos

Shrader, Christopher Wayne  
Developing Sphingosine-1-Phosphate  
(Spns2) Inhibitors for the Treatment of  
Multiple Sclerosis  
Committee Chair: Prof. W. Santos

Slattery, Samuel Alexander  
From Hartree Product to Kohn-Sham and  
Beyond: Exploring Self-Interaction in Self-  
Consistent Field Methods  
Committee Chair: Prof. E. F. Valeyev

Zheng, Yi  
Electric Fields: A Metric for Molecular-  
level Understanding of Protein Mechanisms  
Committee Chair: Prof. V. Welborn

## **ECONOMICS, SCIENCE**

Bradley, Austin Edward  
Three Essays in Experimental Economics  
Committee Chair: Prof. S. B. Ball and Prof. A. C.  
Smith

Chan, Chao Hung  
Three Papers on Belief Updating and Its  
Applications  
Committee Chair: Prof. S. Sarangi

## **GEOSCIENCES**

Jeffries, Catherine Renae  
Model Development and Monte-Carlo  
Methods for the Simulation and Analysis of  
Coastal Impacts of Barrier Island Breach  
During Hurricanes  
Committee Chair: Prof. R. Weiss

Kang, Junyao  
Geochemical Investigation of the Co-  
evolution of Life and Environment During  
the Neoproterozoic Era  
Committee Chair: Prof. S. Xiao

Lee, Jui-Chi  
Novel Multitemporal Synthetic Aperture  
Radar Interferometry Algorithms and  
Models Applied on Managed Aquifer  
Recharge and Fault Creep  
Committee Chair: Prof. M. Shirzaei

## **MATHEMATICS**

Heitzman-Breen, Nora Grace  
Within Host and Multiscale Models of  
Usutu and SARS-CoV-2 Viral Infections  
with Animal Hosts  
Committee Chair: Prof. M. S. Ciupe

Jiang, Shuai  
Dual Filtered Graphs for Kac-Moody  
Algebras  
Committee Chair: Prof. M. M. Shimozone

Meghaichi, Haroun  
Design and Analysis of Higher-Order  
Immersed Finite Element Methods for  
Interface Problems  
Committee Chair: Prof. T. Lin and Prof. S. Adjerid

Quinlan, Isis  
A Novel Insertion Algorithm  
Committee Chair: Prof. M. M. Shimozone

Shaplin, Richard Martin  
Simple Stationary Steps in Quantum Walks  
Committee Chair: Prof. D. D. Orr

## **NEUROSCIENCE**

Arndt, Kaiser C.  
Granular Retrosplenial Cortex Layer 2/3  
Generates High-frequency Oscillation  
Events Coupled with Hippocampal Sharp-  
wave Ripples and Str. LM High Gamma  
Committee Chair: Prof. D. F. English

Gilbert, Earl Thomas  
Inhibition, Synapses, and Spike-Timing:  
Identification and Disruption of Pyramidal  
Cell-interneuron Interactions in SPW-Rs  
Committee Chair: Prof. D. F. English

## **PHYSICS**

Ekanger, Nicholas Joseph  
Nuclear and Particle Interactions to Multi-messenger Signals: Core-collapse Supernovae

Committee Chair: Prof. S. Horiuchi

Heston, Sean MacDonald  
Core-collapse Supernovae: Neutrino-dark Matter Phenomenology and Probes of Internal Physics

Committee Chair: Prof. S. Horiuchi

Sharma, Vivek  
Search for Baryon Number Violation in  $^{130}\text{Te}$  with Cuore

Committee Chair: Prof. T. O'Donnell

Swailem, Mohamed  
Aspects of Population Dynamics

Committee Chair: Prof. U. C. Tauber

Warren, Ada Meghan  
Towards Scalable Solid-state Spin Qubits and Quantum Simulation of Thermal States

Committee Chair: Prof. S. E. Economou

## **PSYCHOLOGY**

Bertollo, Jennifer Rose  
Autism Assessment from Home: Evaluating the Remote Childhood Autism Rating Scale, Second Edition (rCARS2) Observation for Tele-Assessment of Autism

Committee Chair: Prof. A. Scarpa-Friedman

Carlton-Smith, Corinne Nicole  
Characterizing Reward Function During Social Feedback: Associations with Anhedonia in Socially Anxious Adolescents

Committee Chair: Prof. J. A. Richey

Dike, Janey Elizabeth  
Experiences of Stress, Trauma, and Coping Among Black Communities in Southwest Virginia

Committee Chair: Prof. R. T. Jones and Prof. B. H. Scarpa-Friedman

Fok, Megan  
Autonomic Nervous System Correlates of Emotion Regulation in Autistic Adults

Committee Chair: Prof. A. Scarpa-Friedman

Phillips, Jennifer Julia  
The Maternal Force Awakens Emerging Fear Reactivity and Regulation: Preliminary Results From the Baby JEDI Study

Committee Chair: Prof. M. Bell

## **STATISTICS**

Shin, Hwasoo  
Bayesian Factor Models for Clustering and Spatiotemporal Analysis

Committee Chair: Prof. M. A. Ferreira

Xu, Shuangshuang  
Variable Selection for Generalized Linear Mixed Models and Non-Gaussian Genome-wide Associated Study Data

Committee Chair: Prof. M. A. Ferreira

**THE VIRGINIA-MARYLAND  
COLLEGE OF  
VETERINARY MEDICINE**

**BIOMEDICAL & VETERINARY  
SCIENCES**

Mills, Jatia

Influence of Peripheral-derived Eph-Ephrin  
Activation on Resident Microglial  
Mediation of Traumatic Brain Injury

Committee Chair: Prof. M. H. Theus

Rai, Pallavi

Intersecting Threats: Exploring Obesity's  
Impact on Viral Pathogenesis and  
Transmission

Committee Chair: Prof. J. D. Weger, Jr.

Trusiano, Briana Lynn

NF-kB Inducing Kinase (NIK) Influences  
Eosinophil Development, Survival, and  
Plasticity

Committee Chair: Prof. K. L. Zimmerman and Prof.  
I. C. Allen

Xu, Dao

HDAC6 Deletion Decreases Pristane-  
Induced Inflammation and Lupus

Committee Chair: Prof. C. M. Reilly and Prof. X.  
Luo

**INTERDISCIPLINARY  
DEGREES**

**MACROMOLECULAR SCIENCE  
AND ENGINEERING**

Bryant, Jackson Sewall

Powder Bed Fusion of Polyolefins

Committee Chair: Prof. M. J. Bortner and Prof. C.  
B. Williams

Godshall, Garrett Francis

Rational Design of Poly(phenylene sulfide)  
Aerogels Through Precision Processing

Committee Chair: Prof. R. B. Moore III

Liu, Yang

Accelerated Engineering of Soft Materials  
Using Sensor-based High-Throughput  
Experimentation

Committee Chair: Prof. B. Johnson

Pomatto, Michelle Elizabeth

Crystallization Behavior, Tailored  
Microstructure, and Structure-Property  
Relationships of Poly(Ether Ketone Ketone)  
and Polyolefins

Committee Chair: Prof. R. B. Moore III

**TRANSLATIONAL BIOLOGY,  
MEDICINE AND HEALTH**

Adams, William Patrick

Novel Factors that Modulate Cardiac  
Conduction

Committee Chair: Prof. S. Poelzing

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

Howard, Kristen Renee

High Levels of Total Energy Expenditure in  
Ultra-Endurance Athletes: Is There  
Evidence for Constraint?

Committee Chair: Prof. K. P. Davy

Ivester, Hannah Marie

Characterization of Pro- and Anti-  
inflammatory Immune Responses in SARS-  
CoV-2 Infection

Committee Chair: Prof. I. C. Allen

Mironovova, Zuzana  
Induced Hypoxia Pathway Dysfunction  
Alters Kidney Vascular Molecular  
Signatures and Extracellular Matrix  
Accumulation Without Apparent Fibrotic  
Transformation  
Committee Chair: Prof. J. C. Chappell

Wheeler, Christina Eileen  
Mechanisms of Intercellular Communication  
During Breast Cancer Progression Through  
Metastasis  
Committee Chair: Prof. S. Lamouille

**Doctor of Education**  
**COLLEGE OF LIBERAL**  
**ARTS & HUMAN SCIENCES**  
**EDUCATIONAL LEADERSHIP**  
**AND POLICY STUDIES**

Bradley, LaShel Alise  
Interaction Among School Culture, Chronic  
Absenteeism and English Language  
Proficiency Progress in Middle Schools  
Within a Suburban Division of Virginia  
Committee Chair: Prof. C. L. Lowery

Brock, Bernette Dywanda  
The Perceptions of Fourth and Fifth Year  
Teachers on Their Induction Program and  
Retention  
Committee Chair: Prof. C. S. Cash

Byrd, Tiffany H.  
Perceptions of the Initial Steps a Planning  
Principal Takes to Open a New Plus One  
Elementary School  
Committee Chair: Prof. C. S. Cash

Dubiel, Karen Lee  
The Initial Steps a Planning Principal Takes  
to Open a New Plus One Elementary School  
Committee Chair: Prof. C. S. Cash

Flanagan, Amanda Grace  
An Investigation into the Psychological  
Capital of Second-Career Teachers and  
Factors Influencing Their Scores  
Committee Chair: Prof. C. A. Mullen

Frye, Kisha Tiala  
Perceptions of How Middle School Teachers  
Build Culturally Competent Pedagogy and  
Practice for Positive Student, Family, and  
Peer Relationships  
Committee Chair: Prof. J. L. Brinkmann

Gavin, Matthew  
Why Special Educators Stay: A  
Phenomenological Examination of Factors  
Impacting Special Educator Retention in  
Virginia's Urban Public Schools  
Committee Chair: Prof. C. A. Mullen

Gervais, Erica Karcagi  
Shifting from Single-Focused Tiered  
Systems to the Integrated Multi-Tiered  
Systems of Support Framework: A Review  
of State Every Student Succeeds Act Plans  
Committee Chair: Prof. C. S. Cash

Hall, Rebecca Bienvenue  
How Professional Development Supported  
Principals as Instructional Leaders Within  
Two School Divisions in Virginia: A  
Qualitative Investigation  
Committee Chair: Prof. C. A. Mullen

Langstein, Hanna Beth Preizler  
Honors-for-All: The Effect of Detracking on  
Teachers' Beliefs and Pedagogy  
Committee Chair: Prof. M. D. Alexander

Marbury, Kristen Renee  
Training and Preparedness of Teachers to be  
Evaluated on Culturally Responsive  
Practices in One Public School Division in  
Virginia

Committee Chair: Prof. C. S. Cash

Pacer, Kelsey Ann  
Supporting Teacher Peer Observations: A  
Qualitative Study of K-5 School  
Administrators' Associated Perceptions and  
Strategies

Committee Chair: Prof. C. A. Mullen

Preston, Rachel Davetta  
Virginia Middle School Administrators'  
Perceptions of Culturally Responsive  
Teaching Practices and Their Influence on  
Instructional Leadership

Committee Chair: Prof. J. L. Brinkmann

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

Snead, Nicholas Lamar  
The Academic Achievement of Instrumental  
Music Students vs. Non-Instrumental Music  
Students in One or More High Schools in  
the Commonwealth of Virginia

Committee Chair: Prof. C. S. Cash

Swoger, James Franklin  
Instructional Coaching and Influences on  
Program Implementation by Elementary  
Principals and Instructional Coaches: A  
Qualitative Case Study

Committee Chair: Prof. C. S. Cash

Szybisty, Christopher Conrad  
Online Credit Recovery in a Large School  
Division in Virginia: Examining Factors for  
Participation and On-Time Graduation

Committee Chair: Prof. C. L. Lowery

Tait, Kristin Marie  
Perceptions of Middle School Counselors on  
Adolescent Anxiety Coping Skills Post-  
Pandemic

Committee Chair: Prof. J. L. Brinkmann

Thompson, Summerlyn Lotz  
Investigating Relationships Among School  
Climate, Academic Growth, and Benchmark  
Achievement Within Elementary Schools in  
Virginia: A Quantitative Study

Committee Chair: Prof. C. A. Mullen

Warnick, Sarah Katherine  
Leadership Experiences in State-Level  
Supplemental Virtual Programs: A  
Qualitative Case Study Analysis

Committee Chair: Prof. C. A. Mullen

Weymouth-German, Jessica Cluverius  
School Board Decision Making About the  
Equitable Treatment of Transgender  
Students

Committee Chair: Prof. C. A. Mullen

Wheeler, Frank Thomas  
An Examination of the Challenges  
Experienced by Novice Principals Leading  
Rural Schools in Virginia

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

Younger, Latrese D.  
Examining the Experiences of Mentoring to  
Develop Current and Former Black Female  
Assistant Principals' Self-confidence and  
Leadership Skills

Committee Chair: Prof. M. D. Alexander



**Education Specialist**  
**COLLEGE OF LIBERAL  
ARTS & HUMAN SCIENCES**  
**CURRICULUM AND  
INSTRUCTION**

Gompf, Meredith Lynn

Poindexter, Allison Hamilton

Taylor, Mary Caroline

**EDUCATIONAL LEADERSHIP  
AND POLICY STUDIES**

Duncan, Natalie Ann

Majors, Keyochia Mary Alberta

Persinger, Dylan Rian

Thompson, Ruth Shaia

## **MASTER'S DEGREES**

### **COLLEGE OF AGRICULTURE**

#### **AND LIFE SCIENCES**

##### **MASTER OF SCIENCE**

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

Batubo, Abiokpoyanam Peace

Bhatta, Dhiraj

Boldt, Noah Chase

Clark, Charles Taylor

Goncalves, Fernando Henrique

McKay, Evan Vicken

Wu, Isaac Ying-Nan

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

Amand, Reagen Elizabeth

Anderson, Rashonda Denise

Baiza Martinez, Pedro Antonio

Blackburn, Savanna Renee Lynn

Brown, Meghan Lorraine

Chewning, Carson Lee

Coggsdale, Peyton Alba

Harrison, Michael R.

Howard, Jaema Renee

Long, Frank

McClain, Elizabeth

Mengle, Julie Rebecca

Murie Jr., John Thomas

Murphy, Benjamin John

Nostrant, Valerie Nicole

Plass, Theresa Michelle

Score, Tiffany Josephine

Semione, Nisa

Thanawala, Kristen-Lee

Worrell, Zachery Alan

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

Baber, Taelor Xzavia

Boris, Samantha Marie

Butler, Alexis Katherine

Dillon, Meghan Elizabeth

Kroeger, Alexandra Faith

Madden, Christian Earl

Mitchell, Camille Ashlyn

Seligman, Lexie Camille

Wilson, Paige Nicole

**CROP AND SOIL**

**ENVIRONMENTAL SCIENCES**

Poudel, Puspa Kamal

Poudel, Shikhar

**HUMAN NUTRITION, FOODS**

**AND EXERCISE**

Leatham, Cheyenne Liahona

**MASTER OF SCIENCE**

**IN LIFE SCIENCES**

**AGRICULTURAL AND**

**EXTENSION EDUCATION**

Madden, Justice Makynzee

McGraw, Carolyn Marie

**BIOCHEMISTRY**

Briganti, Anthony Joseph

Brooks, Maxwell David

Diggs, Shajaesza Dhakhai

Dinh, Thuc Anh

Farrokhpoor, Sam

Fogarty, Rebekah Joy

Vanwinkle, Ashlynn Brook

Zhang, Liyan

**ENTOMOLOGY**

Dev, Saumik

Hartle, Charly Taryn

Hoar, Elijah Kael

Li, Guanchen

Wyatt, Mollie McDonnell

**FOOD SCIENCE AND TECHNOLOGY**

Mershon, Megan E.

Rosenbaum, Alyssa Anne

**HORTICULTURE**

Doss, Mitchell C.

Gandini Taveras, Ricardo Jose

**PLANT PATHOLOGY, PHYSIOLOGY**

**AND WEED SCIENCE**

Subedi, Manoj

**MASTER OF SCIENCE IN**

**NUTRITION AND DIETETICS**

Butler, Cassidy Kaitlyn

Colaneri, Josephine Judith

Kashin, Heather Marie

Krason, Reilly Kate

Martinetti, Julianna Rose

Smith, Blake Alexis

Whalen, Maret Grace

**COLLEGE OF  
ARCHITECTURE, ARTS,  
AND DESIGN  
MASTER OF ARCHITECTURE**

Adhikari, Amrita  
AlHajj, Rayane M.  
Ali, Mohamed  
Buttram, Ben E.  
Cevallos, Gladys Lorena  
Dize, Nicholas Paul  
Easton IV, John  
Freireich, Jenna Leigh  
Hadkar, Aditi Anil  
Hagberg, Megan Riley  
Jami, Raj Kumar  
Johnson, Graesen Elisabeth  
Kedari, Bhairavi Nitin  
Khojasteh far, Faraz  
Kim, Na Hyun  
Kos Miranda Furtado, Paula  
Krueger, Garrett Oliver  
Le, Kim  
Lodha, Bhavika  
Loeffler, Lincoln Webb  
Mathur, Arushi

Mimma, Raihatul Zannah  
Mistry, Nupur Shailesh  
Moore, Talia Renee  
Narvekar, Sanika Mahesh  
Nazerieh, Anahita  
Palazzolo, Joseph Robert  
Pednekar, Prathamesh Sunil  
Peterson II, Thomas Mark  
Plasencia, Jacob  
Reddy, Aishwarya  
Sang, Wenhui  
Sangani, Devanshi Alpeshbhai  
Shagul Hameed, Kamar Shafeeha  
Srinivasan, Tharun Bhalaji  
Suvarna, Rishabh Suresh  
Torrico, Rachel Rose  
Vargas Arias, Daniela  
Villegas, Arianna Rosario  
Wyss, Christine Louise  
Zhang, Jitong

**MASTER OF FINE ARTS  
CREATIVE TECHNOLOGIES**

Hammer, Sarah Christine  
Li, Jiale

Okoro, Joshua Oghenekevwe

Pilania, Harshal

Thornton, Eva Marie

### **THEATRE ARTS**

Henry, Gabrielle E.

Mzumara, Misheck Rumbani

Pope, Ashley Nicole

### **MASTER OF LANDSCAPE**

#### **ARCHITECTURE**

Adams, Caitlin Brighid

Brighton-Smith, Chelsea

Xu, Bowen

### **MASTER OF SCIENCE**

#### **ARCHITECTURE**

Al Radaideh, Tamer Saleh

Hmoo, May

Khojasteh far, Faraz

Putta, Praneetha

Shah, Twishi Paresh

Shaver, Andrew Charles

## **PAMPLIN COLLEGE OF BUSINESS**

### **MASTER OF ACCOUNTING AND**

#### **INFORMATION SYSTEMS**

Adkins, Lucas Eric

Alvarez, Nolan Kristopher

Anderson-Johnson, Jesse Graham

Badalamenti, Joseph Daniel

Boim, Justin David

Britten, Elizabeth Keilani

Butler, Isaiah Anthony

Chitty, Evelyn Elizabeth

Civil, Stephane Benoit

Cohn, Rebecca Leigh

Deller, Mitchell Steven

Duckworth Sr., Jacob Richard

Eachus, Elizabeth Bell

Farzayee, Mariam

Fish, Evan Anthony

Fitzpatrick, Emily Suzanne

Gonzalez, Veronica Paola

Gullapalli, Sahil

Guo, Catherine Meichen

Hardison, BriAnna Lynn

Henderson, Robert Joseph

Hobbs, Scott Hiroya

Jenkins, Allison Rae  
Kaldes, Dillon Christian  
Keesee, Kaitlin Colleen Horton  
Logan, Andrea Reagan  
Lopez, Diego  
Luellen, Colin Andrew  
Marting, Nicole Alyce  
Mecherikunnel, Thomas Paul  
Morsy, Hajer Ahmed  
Nardo, Austin Gregory  
Noto, Vincent Conrad  
Pan, Shuangshuang  
Pastirik, Ryan Michael  
Pokuaa, Patricia Adwoa  
Robertson, Dylan Andrew  
Rodriguez, Salina Tai  
Sarkar, Suchismita  
Saunders, Kaitlin Belle  
Sparks, Ziwei Zhang  
Swecker, Kelly Brigid  
Toth, Andrew Wade  
Verma, Sanya  
Wagstaff, James Patrick Tully  
Walker, Trent  
Waran, Jackson Lowery

Wilson, Kari Paige

**MASTER OF BUSINESS  
ADMINISTRATION**

Aboutabl, Abdulrahamn M.  
Ansari, Nisha R.  
Baniya, Allen  
Barton, Allison Weise  
Behal, Deepanshi  
Bryer-Satkin, Tzipporah Hope  
Call, Phillip Frederick  
Carey, Dena Lee  
Castellanos, Bernardo Antonio  
Cifuentes, Stephanie Murillo  
Cline, Zachary  
Din, Christopher Emsan  
Finkner, Alejandro Jose  
Fordney, Katherine Nelson  
Gavva, Shravya  
Ghaznawi, Ahsanullah  
Goncalves dos Santos, Catherina Medaglia  
Hathaway II, William Emmett-Kyle  
Hepp, Adam Edward  
Hoffman, Claire Adele  
Hubble, Matthew Daniel  
Hughes, Jason Richard

Iyer, Hari

Jolly, Jeremy

Kavgic, Natalija

Kc, Ramita

Keles, Serhat

Kiefer, John Peter

Kim, Jae-Min

Lawrence-Montes, Shannon Marie

Lett, Jared Michael

McCart, Kevin

McClendon, Diamond Odester Britni

McDonnell II, Robert Scott

McVey, Tara Elizabeth

Pfeifer, Kiley Elisabeth

Platt, Olivia Ashley

Preusse, Ryan David

Rady, Mohammad Maged

Reese, Joshua Leonard

Sedita, Christian Joseph

Simmons, Cameron Alonndis

Stull, Zackary Ryan

Suh, Daniel L.

Sun, Elena Mihaela

Vogelsburg, Lexa

Waters, Benjamin Joseph

Whise, Natalie

Williams, Rhorie Alex Jean-Pierre

Yacob, Michael Yohannes

Yarboro, Justin

Zerolnick, Matthew Benjamin

**MASTER OF SCIENCE  
BUSINESS ADMINISTRATION**

Alfadly, Monther Emad

Alfryyan, Reem

Aljasir, Majed Jaser N.

Alsubaie, Muslat M.

Aquino, Teresa Veronica

Deegan, Olivia Frances

Desai, Umang Rajeshbhai

France, Jackson Thomas

Gomez, Axel German Millon

Hawsawi, Nihal Mohammed

Herbert, Lillian Grace

Hjolmo, Karmu

Keaney, Mitchell Francis

Olsen, Logan Chance

Pan, Yinjie

Pratt, Katharine Elizabeth

Sonnenfeld, Jake Dylan

Walsh, Sean Patrick

Wanapongpaisarn, Nichapat

Zamora, Estephanie Regine

**COLLEGE OF ENGINEERING  
MASTER OF ENGINEERING  
BIOLOGICAL SYSTEMS  
ENGINEERING**

Lewis, Zabrina Roxanne

Munson, Isabella Marie

Salko, Helen Annabella

**CHEMICAL ENGINEERING**

Liu, Liping

Ramirez Isunza, Xakin Mariana

**COMPUTER ENGINEERING**

Aedo Espicto, Maximiliano Andres

Agarwal, Yashit B.

Cando Bojorque, Paola Alexandra

Difilippo, Aaron Pettit

Fellah, Sammy

Frutos, Christopher Mariano

Garcia, Andrew Brook

Hong, Calvin Gia Vinh

Hsieh, Hsin Han

Imtiaz, Taha

Johnson, Benjamin Charles

Kaufman, Patrik Robert

Lee, Hung-Ting

Movalli, Kayleigh Elizabeth

Munipalle, Rushi Varun

Myakala, Deekshit

Nilakhe, Rajat Rahul

Patel, Tushar Jay

Qiao, Shuoxuan

Reyes, Matthew

Selvaraj, Mahita

Talty, Sheila M.

Yadav, Pratistha Mohan

Yang, Aaron

**COMPUTER SCIENCE  
AND APPLICATIONS**

Adhikari, Aniket Sachin

Aggarwal, Ashish

Aggarwal, Ayush

An, Udom

Andrews III, George Bernard

Anuga, Ashita Reddy

Anwar, Habibullah

Arbaiza, Camila Rocio



Atkins Jr., Michael Gwin

Averyt, Matthew Bryant

Banka, Sindhuja

Bapat, Parth Bhalchandra

Bhargava, Anjali Vivek

Bhatti, Alina Sohail

Biagi, Shayne Hayato Yoshida

Brinson, Greg Sebastian

Chelle, Charan Teja

Chen, Guangkai

Chen, Julia

Chen, Tai-Jung

Chen, Yu-Jung

Chiu, Yung-Lin

Cho, Minho

Chopdekar, Nidhi

Chouhan, Dhruveel Lalit

Cinnamon, Matthew Robert

Conklin, Jacob Walter

Cook, Caleb James

Cunningham, Isabella Maxine

Deegoju, Sushma

Denman, William Storms

DiPerna, Vincent Zhang

Doddi, Harshit Sai Teja

Donlon, Matthew Thomas

Fan, Zhehao

Fang, Andrew James

Ferrin, Andrew Jacob

Gick, Ronin Jaden

Gilbert, Andrew Carter

Gonzalez-Aguilar, Elsa

Govindaraju, Rameshkumar

Greer, William Trent

Haas, Elyse Nicole

Hamilton, Mark Edwin Ken

Harrington, Matthew Adam

Jiang, Junzhe

Jimeno, Lawrence Elliot Maya

Johnson, Shalene

Joshi, Vivek Sanjay

Jung, Jin-sol

Juvekar, Shaunak Parag

Kakani, Seshadri Chowdary

Kamanuru, Mohith

Kambham, Naga Sekhar Reddy

Kandula, Manasa Reddy

Kim, Eunjee

Knutsen, Kirk McInnis

Kolachina, Siva sagar

Kommana, Chandralekha

Kota, Prithvi

LaConte, Anthony M.

Ma, Kai-Jo

Maddhuru, Mahesh

Maheshwari, Ujjwal

Mallamula, Shreya Ragavi

Mascis, Christopher Michael

Meka, Sai Pranith

Mistry, Aastha Amitkumar

Murali, Vivek

Nanjundan, Deepak

Narra, Akshay Reddy

Nayak, Aruj

Nayani, Sai Nikhita

Newcomer, Matthew Joseph

Nussbaum, Kyle Austin

Owens, Alexander Christopher

Palla, Akhil Kumar

Palyekar, Mihir Lahu

Parameswaran, Aaditya Krishnan

Patel, Om Amit

Paulus, Samantha Elise

Pawar, Shreyas

Pawde, Parikshit Anil

Pentaparthu, Samhitha

Potharaju, Chiraag

Raghu, Ramnath

Rahaman, Asif Iqbal

Ramboyong, Sarah Elisabeth

Rawlings, Stephen Michael

Raza, Kashan

Razavi, Kaveh

Reichel, Jarod Paul

Riley, Patrick Casper

Ross, Amanda Katherine

Sabanov, Daniel

Salman Roughani, Ramin

Sangu, Siva Kumar Reddy

Sethi, Raghav

Shailly, Ritish

Shrestha, Sudipa

Sklopan, Samuel John

Soma, Pranav Ganesh

Srinivasan, Charan

Swain, William Talbott

Teegalapally, Akshita

Thanki, Riddhi Anil

Timalsina, Nischal

Vemulapalli, Yuva Sri

Venkatreddygari, Hyndavi  
Vithalani, Srujan Kalpeshbhai  
Vustepalli, Mounisha  
Wang, Junwen  
West, Jonathan Robert Granados  
Woodward, Elizabeth  
Xu, Joseph  
Zhang, Jiayi  
Zhang, Qingsen

### **ELECTRICAL ENGINEERING**

Brown, Ian Jordan  
Hayes, Nathan Peter  
Kanzi, Payam  
Okhovvatgilani, Danial  
Sreeram, Nirmala

### **INDUSTRIAL AND SYSTEMS ENGINEERING**

Aggarwal, Ishan  
Al rezq, Mohammed S.  
Aparaj, Poorva Rajesh  
Ba-Aoum, Mohammed H.  
Bhaiswar, Yash Vinod  
Bhandari, Jainish  
Bhardwaj, Ritvik Manish

Collazo, Yahaira  
Cooke, Sadie Victoria-Lynn  
Freidouny, Mohammadreza  
Garada, Mohammed Alaa  
Guinee, Ryan Patrick  
Isaza, Pablo Jose  
Kadolkar, Rana Rajesh  
Kalawade, Aditya Shrihari  
Kulkarni, Anisha Mahesh  
Lee, Hyunwoo  
Liu, Ning-Yuan  
Mauti, Eddah Kwamboka  
Muchhala, Jash  
Nassar, Marc Sami  
Oh, Jinwoo  
Olajide, Oluwademilade Olaoluwa  
Paisker, Nicholas Christopher  
Pichetpongsa, Anapat  
Pletcher, Mary Claire  
Pragada, Vivek Mansukh  
Price, Kathryn Lee  
Quinn, Kelsey  
Qureshi, Arshaq Asif  
Rahimimovassagh, Maryam  
Sangwan, Ankit

Siverling, Matthew Erich

SureshKumar, Mayuranath

Taliyan, Siddhant

Tamizh Muthalvan, Kaveeya

Tanmai, Alaham

Ulunque Antezana, Rocio

Yanamala, Rusheeswar Reddy

Zambrano Balma, Francisco Xavier

Zhao, Bosong

Zuidema, Molly Catherine

**MATERIALS SCIENCE  
AND ENGINEERING**

Emanuel, Caroline Jane

Jenkins, Aaron Michael

Mack, Charles Kevin

Rau, Advait V.

Stivala, Sophia Rosemary

Wallace, William Asher

**MECHANICAL ENGINEERING**

Blackert IV, William Joseph

Kukoski, Mark George

**MINING ENGINEERING**

Corsi, Mitchell Fernando

Keesee, Christopher Ian

**NUCLEAR ENGINEERING**

Hosseinian, Mohsen

Shar, Las M.

**MASTER OF SCIENCE  
AEROSPACE ENGINEERING**

Angle, Nicholas Blake

Binder, Paul Edward

Chang, Eric Gene

Chaphalkar, Aakash Santosh

Chen, Fangzhou

Chinthapatla, Neha

Clemmer, Jace Andrew

El Ghossein, Joe

Ganotaki, Michael

Golus, Christopher David

Hada, Masaki Hoekstra

Hower, Madeline Faith

Ifkovits, Michael David

Kerrick, Cason Matthew Patrick Rorer

Lavisetty, Cherith

Meland, Kristian Gilbert

Midas, Alex Matthew

Molitor, Rowan Larson  
Munson Jr., Mark Allan  
Natarajan, Kirubaharan  
Newcomb, Steven David  
Patel, Harshil Dipeshbhai  
Patel, Pranay Vipul

Petrie, Morgan Lynne  
Petsopoulos, Alexander Mathew  
Piper, Benjamin Thomas  
Porzeinski, Ryan William  
Prajapati, Mahima Dinesh  
Radcliffe, Benjamin David  
Rathod, Dharmik Sanjay  
Roberto, Joseph Troy  
Schafer, Jordan Alexander  
Segal, Brett Allen  
Sellards, Emily Rose  
Shrivastava, Shivam  
Sindkar, Maanas Prasad  
Smith, Casey Carter  
Stanphill, Rose Taylor  
Teolis, Samuel Ueda  
Thornhill, Conner Joseph  
Toth, Eموke Margit  
Varga, Eszter Anna

Verma, Ved  
Whalen, Sean Christopher  
Wilhelm, Blake Alexander  
Yan, Haoming  
Zylich, Sean Cole

## **BIOLOGICAL SYSTEMS ENGINEERING**

Albi, Kate Nicole  
Kurowski, Anna Rose  
Smith, Tyler Camden

## **BIOMEDICAL ENGINEERING**

Crump IV, Eugene Raymond  
D'odoo, Neffisah Fadillah Naa Darkua  
Damron, Julia Anne  
Haynes, Samantha Dare  
Henry, Alison Lohr  
Hunt, Elizabeth Albright

## **BUILDING/CONSTRUCTION**

## **SCIENCE AND MANAGEMENT**

Akinniyi, Abiola Emmanuel  
Fried, Simona Lily  
Lee, Min Jae  
Meiners, Zachary Luke

## **CHEMICAL ENGINEERING**

Nour, Mohamed Imad Eldin

## **CIVIL ENGINEERING**

Acharjee Jeet, Abhijeet

Agha, Syed Jawad

Ahmad, Mohammad Owais

Amin, Muskan Kirit

Askari, Shan Herish

Baishya, Ronit Raj

Belt, Kathryn Lanning

Bhalani, Kunj

Bhinsara, Akshil Bipin

Bhumireddy, Abhilash Reddy

Black, Christopher Andrew

Brown, Emily Claire

Clyde, Charlotte Joan

Delay, Lailee Alena

Fink, Schyler Elliott

Forster, Justice Dee

Gordon, Keneil Anthony

Grose, Megan Elizabeth

Grubbs, Robert Earl

Hallworth, Julia Beth

Hong, Dawei

Jamnik, Shravika

Katariya, Nikhil Nitin

Kelly-Durham, Min Lu

King, Amber

Konda, Vamsi

Kraus, Samuel Aloysius

Lacks, Joshua Lee

LaFerney, Rebekah Lee

Lee, Erin Aubrey

Mansky, Christopher Immanuel

Miller, Lucas Hayward

Momenian, Yasmin H.

Mousavinezhad Benam, Negin

Myers, Daniel Lloyd

Nalluru, Swaroop

Niradi, Vaishak

Oehler, Morgan Ashleigh

Padgett, Christian Byron

Park, Jeongwoo

Patil, Saurabh

Romero, Natalie Marie

S P, Niveda

Saji, Anna

Sasaki, Max Tobu

Schiller, Brayden Jeffery

Soto, Axel  
Sukhavasi, Purna Chand  
Tanim, Md Fardeen  
Tsogt-Ochir, Norovbanzad  
Vanam, Pratik Ravindra  
Villalona, Chantaly  
Webb, Margaret  
Wieczorek, Nathan Vincent  
Yang, Hang  
Zekovic, Itana  
Zheng, Botian  
Zolfaghari, Armin

Bettendorf, Isaac Tranmer  
Bharadwaj, Sanjana Manjunath  
Bhavandlapelli, Rakesh kumar  
Chandramouli Seetharam, Goutham  
Chaturvedi, Ayush  
Chen, David Xitai  
Chiu, TingHung  
Chuderewicz, Lauren Amelia  
Deivasigamani, Sheena Rajamani  
Dhingra, Mrigank  
Di Girolamo, Jacob David  
Diaz-Ramos, Jonathan  
Downey, Alexander Roman  
Gawali, Aditya Rajendra  
Gopi, Hari Kumar  
Harathi, Shreyas  
Hardeep  
Howell, Bryson L.loyd  
Just, Hoang Anh  
Kachhadiya, Jaimin Pravin  
Kalidasan, Vishnu Kumar  
Kasparian, Armen Caspar  
Konatham, Pavan Kumar  
Kuthe, Shambhavi Anil  
Lin, Yen-Cheng

## **COMPUTER ENGINEERING**

Agarwal, Shrestha Chetan  
Agrawal, Raghav  
Akhtar, Benjamin Asad  
Allen, Evan Nathaniel  
Amaraselvam, Benny Antony  
Atreya, Tejas Keshavamurthy  
Ayaluru Venkata Krishnan, Sruthi  
Azmine, Muhammad Farhan  
Badger, Madeline Victoria  
Balamurali, Siddhesh  
Baron-Hyppolite, Adrian Louis

Gawali, Aditya Rajendra  
Gopi, Hari Kumar  
Harathi, Shreyas  
Hardeep  
Howell, Bryson L.loyd  
Just, Hoang Anh  
Kachhadiya, Jaimin Pravin  
Kalidasan, Vishnu Kumar  
Kasparian, Armen Caspar  
Konatham, Pavan Kumar  
Kuthe, Shambhavi Anil  
Lin, Yen-Cheng

Mallu, Jaswanth Sai Reddy

Marathe, Akhilesh Parag

Mehta, Rohit Nilesh

Modak, Varun Nimish

Mukherjee, Rajarshi

Myers, Zymmorrhah Zyccarri

Nguyen, Minh Tran Binh

Nwodo, Kenechukwu Anthony

Olds, Brennan Edson

Palani, Purushothaman

Panicker, Mathew Simon

Panja, Promit

Patel, Ishita Bharatbhai

Patil, Sarvesh Jitendra

Platt, Robert Davis

Ramakrishnapuram Selvanathan,  
Subhalakshmi

Ranjan, Pranjali

Ravi, Amartya

Sarkar, Md Rubel

Sathye, Rohit Pushkaraj

Sel, Bilgehan

Sethi, Sanchit

Sharma, Gauri

Sherikar, Keerthana

Sivaramakrishnan, Upasana

Somaraju, Sai Roop

Sreng, Chhayly

Steel, Gwyneth Carrie

Stelmack, Maxwell Asher

Stover, Daniel James

Syed, Siraj Ahamed

Venkatachala Moorthy, Shri Sarvesh

Venkatesh Rao, Sunil

Wadhavkar, Nitish Vinit

Zeng, Yingyan

Zhang, Xuanming

**COMPUTER SCIENCE  
AND APPLICATIONS**

Ahmed, Shafayat

Altland, Emily Caroline

Annavarapu, Swetha

Bansal, Akshay

Bose, Dibyendu Brinto

Cheng, Xiang

Chinnareddy, Sandeep

Dey, Saikat

Haldankar, Atharva Amit

Haltiwanger, Jacob Sayid



Kabir, Md Mahir Asef  
Khalid, Shawal  
Kharel, Amun  
Kong, Nicholas Ka-Shing  
Kyer, Michael Alexander  
Lane, Logan T.  
Lee, Cho Ting  
Lin, Jiayue  
Lu, Yi  
Mahat, Maheep  
Mhatre, Sakshi Manish  
Mohan, Ankith  
Mondal, Provakar  
Nguyen, Kiet Anh  
Palamarchuk, Daniel Andrew  
Ramanujan, Ramaraja  
Ranjan, Rishi  
Sahu, Raj  
Shukla, Anmol  
Smokowski, Cesar James  
Song, Haoqiu  
Tang, Chia-Wei  
Torres Molina, Richard Andres  
Vargas Diaz, Daniel Alfredo  
Williams, Lemara Faith

Zhou, Xiaona

## **ELECTRICAL ENGINEERING**

Alam, Md Tabish  
Alexander, Brady Steven  
Ashraf, Haris Bin  
Bai, Yitao  
Blankenship, David Edward  
Bora, Trisha  
Chai, Mingzhao  
Chang, Ashley  
Chen, Xingyu  
Dhulla, Sanjana Sanjay  
Dixit, Vishal Sateesh  
Franco-Argueta, Luis Daniel  
Gautam, Suiksha  
Ghag, Nitin Vijay  
Gokhale, Sudhanva Jaydeep  
Gorinta, Akash Varma  
Gyamfi, Cliff Oduro  
Jaishanker, Abhinav  
Kaundanya, Adwait Anand  
Khatun, Aklima  
Khursheed, Shahwar Atiq  
Korada, Divya Tarana

Krishnan Potty, Sreenath

Kshirsagar, Soha Milind

Kulkarni, Rishikesh Nitin

Lohote, Mansi Vijay

Longest, Dylan Henry

Moon, Heejip

Nassar, Rajaie

Negus, Claire Emily

Paralkar, Harshada Bhagwan

Rao, Aditya

Schutz, Zachary Alexander

Stewart, Evan Wayne

Tajik Hesarkuchak, Saeed

Xu, Yuezhong

Yip, Alec Johnathan

Yu, Xipei

### **ENGINEERING MECHANICS**

Dingelstedt, Kristin J.

Neigh, Thomas Alexander

Paradise, John Michael

Zelaya Solano, Hever Jonathan

### **ENVIRONMENTAL ENGINEERING**

Bachmann, Megan Leigh

Elnahas, Adam Hatem

Hepp, Shannon Lynn

Timilsina, Saurav

### **ENVIRONMENTAL SCIENCES**

#### **AND ENGINEERING**

Mendoza, Kent Gregory

Scott, Katherine Denise

### **INDUSTRIAL AND**

#### **SYSTEMS ENGINEERING**

Chen, Tai-Jung

Gopal, Ajit Ayyadurai

Hollister, Mark Andrew

Iyer, Arjun

Luksas, John Peter

Morris, Michelle Ann

Thiyagarajan, Prithivrajan

### **MATERIALS SCIENCE**

#### **AND ENGINEERING**

Adelmann, Joshua Thomas

Boshkovski, Filip

Dejneka, Zachary Bryce

Kalil, Andrew Jeffrey

## **MECHANICAL ENGINEERING**

Abadilla, Audrey Lynn

Adams, Caleb Jeremiah

Albacarys, Daniel Alexander

Bailey, Brent Adam

Bhalerao, Mrunal Vinay

Burke, Brandon Christopher

Christie, Benjamin Alexander

Colon, Camryn Luz

Du, Xuelai

Elashwah, Ahmed A.

George, Edwin Subin

Hall, Lauren Elizabeth

Hoegerman, Joshua Thomas

Hollar, Reagan Tracy

Hosseinian, Mohsen

Jayasooriya, Don Cyril Prathap Vishwanath

Kaisare, Shubhankar Sudesh

Kamal, Mohammad Adel

Kanuparth, Jaigeeshavya S.

Karambor Chakravarty, Sriya

Kelley, Logan Chaney

Konda Ram Kumar, Ram Suraj

Kramer, Samuel Leonard

Lenderink, Corbin Robert

Lin, Yushu

Liu, Renrui

Long, Matthew Thomas

Mergler, Kyle Alexander

Mullen, Scott William

Pennington, Brett Kenneth

Pieroni, Brandon Scott

Ravichandran, Nikhil

Rentsch, Nicholas Russell

Roush, Allison Granfield

Ryan, Alexander Grant

Saha, Geetam

Scurlock, Brian Patrick

Shailly, Ritish

Shorten, Brock Alexander

Shrikanthan, Sudarshan

Sreehari, Seetharam Krishnapuram

Srivastava, Chhayank

Stoll, Florian Lucas Julian

Thamarai Kannan, Harish Kumar

Trevisan, Spencer Dunn

Tyler, Adam Anthony Murphrey

Umana Martinez, Melida Eunice

Wang, Weihang

Wojciechowski, Shannon

Wotton, Heather Dawn

### **MINING ENGINEERING**

Sweeney, Daniel Joseph

Talapatra, Akash

### **NUCLEAR ENGINEERING**

Cohn, Ayden Seth

### **OCEAN ENGINEERING**

Bonsall, Jaxson Todd

Duval, James Louis

Johansson, Oscar

Oliver, Michio J.

Van Erem, Robert John

Walsh, Michael Joseph

### **SYSTEMS ENGINEERING**

Bishop, Robert Joseph

Hawrysko, Gregory Michael

Underwood, Erick Martin

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### **& HUMAN SCIENCES**

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Boyer, Elizabeth Ann

Goins, Erin Olivia

Pollard, Carter Mears

Stewart, Evan Patrick

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

Baiza, Glorimar Stefania

Burton, Amy Bennett

Hernandez Melendez, Jose Marlon

Hunter, Erin Michele

##### **HISTORY**

Evans, Bailey

Harless, Kaitlynn Jean Marie

Kimball, Jared Chase

Lucas, Julia

Okoe, Jonathan

Pfeifer, Timothy Wesley

Renner, Elizabeth Agnes

**MATERIAL CULTURE AND  
PUBLIC HUMANITIES**

Applebaum, Micaela

Atallah, Grace Elizabeth

Hunkele, Gabrielle Frances

Patrick, Cara Rose

Penven, Savannah Kate

Perez Vera, Violeta Estefania

**PHILOSOPHY**

Adine, Soheil

Cantu, Luis

Li, Dexin

O'Leary, Aisling FitzGerald

**POLITICAL SCIENCE**

Devault, Marya Katherynn

Erickson, Landon Guy

Hammond, Erin Elizabeth

Henry, Justin Lee

Nolen, Heather Linkous

Schlitzer, Abigail Augusta

**MASTER OF ARTS IN COMMUNICATION  
COMMUNICATION**

Giron, Veronica Isabel

Lane, Taylor

Travis, Tasia

**REPUTATION MANAGEMENT**

Adkins, Andrew G.

Adkins, Katelin Alexanderia

Ailor, Rory McEwan

Denenberg, Evina Vitella

Moyer, Olivia Rae

Renz, Katelynn

Verdin, Nicole Elizabeth

Zipfel, Autumn Elizabeth

**MASTER OF ARTS IN EDUCATION**

**COUNSELOR EDUCATION**

Banks, Sarah Ruth

Billy, Chloe Elizabeth

Blank, Morgan Taylor

Boyd, Lisa Marie

Chappell, Lashelle Snyder

Fontaine, Haley Grace

Hoak, Alexis Lynne

Hoban, Ian G.

Jensen, Elise Kathryn

Kaiser, Paige

Keyser, Kendall Morgan

Krens, Alexandra Jane

Lamprinakos, Maya Renee

Leao, Kalei Kai

Lloyd, Katelyn Dawn

Prisaznick, Brittany Nicole

Smith, Shannon Kathleen

St. Clair, Laura Jane

Tait, Mary Katherine McNally

Cannizzaro, Christopher James

Chase, Josie Marie

Choi, Michelle Myeong

Crosier, Alexa Nichole

Doan, Bailey Elaine

Evans, Jenna Sandra

Ferguson, Laura Anne

Friedner, Patrick

Gavin, Camille Clark

Gentry, Peyton Avery

Gilbert, Madison Ann

Gill, Jeffery Ronald

Graham, Annabell Wheeler

Gurley, Journey Brooke

Hampton, Julian A.

Han, Lucy Ye Jin

Herdegen, Lisa Ann

Hetrick, Griffin

Homoroc, Matthew Christopher

Jernigan, Maria Louisa

Jiao, Yanan

Jones, Bobbie

Kasmarek, Natalie Michelle

Keeling, Vincient Raysohn

Kim, Kyungwon

## **CURRICULUM AND INSTRUCTION**

Austin, Mollie Elaine

Bang, Sungwoo

Bharambe, Gayatri Milind

Blevins, Madison Elisabeth

Boeji, Ellen Crozier

Booze, Maggie Payne

Boyd, Hailey Merrill

Bridge, Alexis Eryn

Brink, Natalie Renae

Brown, Masan Elizabeth

Burgess, Javari Alexander

King, Cayla Nicole

Kitley, Elizabeth Ann

Kraemer, Amanda Lynn

Mangual Duran, Leandra Sofia

Mata, Rosa Angelica

Matney, Hannah Nicole

McConville, Megan Kelly

Mengle, Julie Rebecca

Mercer, Meghan Louise

Mewborn, Emma Page Custis

Miller, Stephanie Anne

Minnick, Alexis Nicole

Moore, Raley Marie

Murphy, Abigail Grace

Newton, Alexander Walter

Null, Erin Elayne

O'Malley, Geoffrey Santiago

Oelkers, Elizabeth Brinser

Osideko, Whitney Adenrele Morayo

Peterson, Elizabeth Evelyn

Pyles, Cierra Jenyce

Rabe, Joseph Alexander

Reynolds, Devon

Ryu, Kaitlin Lee

Schrant, Allison Grace

Shin, Minah

Smith, Jason Andrew

Summiel, Olivia

Surry, Marlee Ann

Tekampe, Matthew Louis

Thompson, Morgan Michelle

Turner, Daniel Michael

Vasquez, Caroline Michelle

Warter, Meredith Jean

White, Carmen Lynn

Wilson, Ana Greer

Woo, Amanda Nicole

## **EDUCATIONAL LEADERSHIP AND POLICY STUDIES**

Lunger, Robert Clarkson

Tierney, Sarah Lynn

## **HIGHER EDUCATION AND STUDENT AFFAIRS**

King, Jennings Bryant

Leon-Ledezma, Valentina

Pardo Jr., Hector

Sims, Jenna Leigh

Sosa, Kasee Gutierrez

Tulipano, Deziree Michele

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CREATIVE WRITING**

Aitken, Ruth Elizabeth

Fischer, Mary

Fuoco, Dante

Gershberg, Alexander

Macias, Andres

Murphy, Kayla

Stout, Kristine Estefania

**MASTER OF PUBLIC  
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Apfelbaum, Jon

Brogan, Jennifer Ashlynn

Meadows, Rachel Linette

Millehan, Patrick Edwin

Shultz, Grayson Patrick

Skipworth, Zachary

Isaiah Stevens, Leslie

Anne Trivette, Andrew

Omer

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Beekhuysen Jr., Thomas George

Bliss, Ashton

Czajkowski, Evan Michael

Hallman, Zachary Stewart

Larmore Jr., Morton Townsend

Newton, Billy E.

Roupe, Jacob Emerson

Sheppard, Shelby

Stephens, Alexander Vincent

**MASTER OF SCIENCE  
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Gurdal, Mahmut

**SCIENCE AND TECHNOLOGY  
STUDIES**

Altaf, Sehrish

Hurley, Matthew Brett

**SOCIOLOGY**

Bechtold, Victoria Lauraine

Boyle, Erin Yafen

Hamilton, Kathryn Margaret

Hodges, Elizabeth Faith



Reed, Daryl Wornie

Thompson, Victoria Isabelle

**MASTER OF SCIENCE IN  
EDUCATION**

**CAREER AND  
TECHNICAL EDUCATION**

Ahn, Pamela Nai-Yun

Campbell, Carly Jean

Danzig, Paige Konieczny

Dawson, Princess Kayla Yukiko

Moyer, Grayson Mae

Mukuni, Dexter

Ponze, Ismael Rodolph

Pugh, Kate Lucille

Stokes, Caitlyn Janise

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Barrera, Caroline Elizabeth

Barrett, Andrew Baxter

Berman, Reese Terrence

Bethencourt, Aaron Thomas

Brown, Emma Grace

Burkholder, David Jackson

Copelan, Samuel Reace

Fishman, Emily Levovna

Flachs-Surmanek, C. Meranda

Gonzalez-Velez, Justine Ivan

Grace, Patricia Rose

Ha, Gia Hoang

Hall, Emma E.

Harding, Jake

Harleston, Bianca Nyale

Harris, Alisha Alyn

Inman, Rachel Mizuki

Iyengar, Gaurav

Jenks, Kevin Bradley

Jones, Bryan Steven Rashad

Kaiser, Dalton Michael

Malik, Zuhra Hafsa

Montgomery, William Joseph

Myers, Anna Scott

Perez, Monica Gabriela

Polhamus V, James Miles

Prevost, Eden Clare

Rajkarnicar, Yasmine

Richards, Elizabeth

Rivera, Ester Esperanza

Suplee, Samantha Dale

Tushar, Md Shazalal

**COLLEGE OF  
NATURAL RESOURCES  
& ENVIRONMENT**

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Deane, Olivia Kristen

Owen, Jesse Daniel

Sawyers, McCray Lee

**MASTER OF NATURAL RESOURCES**

Agar, Kane Hudson

Anderson, Julianne Marie

Bacon, Alexis Kelsey

Bashore, Brooke Victoria

Brown, Bernard R.

Carson, Autumn Alexses

Cofer, Kevin Patrick

Cox, Hannah Michelle

Ferguson, Owen

Frazer, Peter William

Gray, Brionna Huenell

Gwilliam, Rachel Elizabeth Terry

Majority, Robin Savannah

McCue, Krysten

Montanti, Avril Emilia

Platt, Kirstin Runberg

Rearick, Courtney Ann

Redan, Maxwell

Renard, Brianna Rocha

Smith-Caggiano, Matthew D.

Tremblay, Liam

van der Molen, Glen Louis

Wirth, Christopher Raymond

Zsembik, Michael R.

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**FISHERIES AND WILDLIFE**

Bagheri Hamaneh, Aida

Brooks, Samantha Grace

Engler, Victoria Margaret

Hermanns, Lindsay Faye

Holcombe, Brogan Elizabeth

Jennings, Kelsey Kathleen

Litterer, Amber Starr

Low, Jonathan

McPhail, Darby K.

Oakley, Josephine Marie

Ortiz, Katlyn Marie

Slack, Katherine Louise

## **FORESTRY AND FOREST PRODUCTS**

Capizzi, Seth

Chong, Fayu

Mansharamani, Yash

Maslyukova, Daria Yurevna

Wang, Xiyu

Zambrano Balma, Francisco Xavier

## **GEOGRAPHY**

Finkhauser, Julia Elizabeth Rose

Flack, Addison Harris

Kabir Adrita, Mahjabin

Karki, Shashank

Otieno, Geoffrey Omondi

Samson, Bright Chukwuca

Tolar, Jack Cecil

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### **MASTER OF ARTS**

#### **ECONOMICS**

Gong, Yuecheng

## **MASTER OF ARTS IN DATA**

### **ANALYSIS AND APPLIED**

#### **STATISTICS**

Elfeki, Yasmine Tarek

Magdamo, Grace L.

Naseri, Mohammad Yunus

Poghosyan, Armine

Pollard, Lauren Kelly

Samson, Bright Chukwuca

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#### **BIOLOGICAL SCIENCES**

Braswell, Cameron Bryce

Chopdekar, Nidhi

Farthing, Wilson Martin

Fife, Josh

Layton, Anna Rayne

Lockett, Cameron St. John

## **CHEMISTRY**

Cho, Hanna

Shehu, Era

## **GEOSCIENCES**

Bose, Priyanka

Boyd, Carter Alexander

Puckett, Michala

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Arenas Mata, Diego Camilo

Beahr, Mason Everett

Bradie, Adam Connor

Folescu, Dan

Greco, Andrew Carter

Hearne, Lindy

Hosmer, Taylor Harelson

Miller, Anayse Nanette

Puglisi, Nicolas Leonardo

Regmi, Saahil

Shapiro, Julia Marie

Swanson, Nicolas J Brennan

Walker, Matthew Blake

## **PHYSICS**

Anderson, Tristan

Benninghoff, Logan Dean

Birman, Liev

Byun, Doyee

## **PSYCHOLOGY**

Cornett, Kelsi

Jones, Sydney B.

Morgan, Lindsay

Netto, Madeline

Shaw, Thomas

Winkeler, Kelsey Eva

## **STATISTICS**

Gilbert, Josiah

Im, Joon Hyung

Kim, Won Hee

Lindsay, Christianna

Liu, Wei

# **THE VIRGINIA-MARYLAND COLLEGE OF VETERINARY MEDICINE**

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Ajala, Olalere Oladapo

Brownmiller, Sarah Kate

Carhart, Dana Elizabeth

Cutler, Cynthia Megan

Dance, Jonathan

DiGirolamo, Grace Anne

Edwards, Samantha Danielle

Evans, Olivia Faith

Freedman, Shannon Rose

Gallagher, Jennifer Rose

Gilberg, Doria Lauren

Gordon, Ashley Shannon

Graham, Meagan

Gravley, Dollie Jane

Grzywinski, Mia Kaylin

Hardin, Kathryn Elizabeth

Horvath, Hayley Marie

Inzana, Alexia B.

Jeizan, Dayana

Jones, Caroline Jeanne

Kwitny, Molly Vivian

Kyger, McKenzie Hayes

Lateef, Fatimat Oluwaseun

Leap, Anne Marie

Matheson, Rylee Louise

Mcginness, Emily Renee

Naderi, Mandana

Onwuka, Uka

Palacio, Dakota Blake

Petersen, Sydney Paige

Richards, Quinn Nicole

Richardson, Asia Kia

Scheuer, Natalie Jayne

Sperrazza, Jared

Stanley, Ryan Judith

Starr, Madeleine Isabella

Sylla, Hadja Fatoumata

Thomas, Jeremy Moolayil

Utting, Julia Louise

Valencic, Stephanie Lucille

Vaught, Kayla Elizabeth

White, Gwenyth

Wolfe, Amanda Kathleen

## **MASTER OF SCIENCE**

### **BIOMEDICAL & VETERINARY SCIENCES**

Carroll, Jennifer Courtney

Sugai, Nicole J.

## **INTERDISCIPLINARY DEGREES**

### **MASTER OF INFORMATION TECHNOLOGY**

Ahmed, Muneeba Arqum

Atehortua Mosquera, Victor Hugo

Bakhtiary, Mona

Barrowclift II, Robert G.

Basile, Christopher

Berdi, Hassan

Bhatti, Usman Kaiser

Blount, Bradley

Boas, Lyn Marie

Burke, Andrew D.

Burke, Lillian Michelle

Byrd, April Marshall

Chebat, Radah

Childs, Cameron Baker

Chitkara, Trisha

Dapkiewicz, Alex Craig

Darko, Elsie

Davies, Michael

Desimone, Angela Michele

Garcia, Branco Mauricio

Gardner, Marquis Adam

Garudadri, Lakshmi Sai Nithya

Gill, Evan Bryant

Guda, Phani Kumar

Haag, Dylan Tanner

Higgins, Owen Fraser

Hoge, Scott Nicholson

Hood III, Dan Rex

Jarvis, Timothy Steven

Joiner, Lyle Corbett

Joshi, Shashank

Kalikkottil Padmanabhan, Girish

Kumar Kayanuma, Bryce Platt

Keepudi, Neswanth Naga

Kelleher, Matthew

Kinnaman, Alex

Lee, Christopher Scott

Lee, Mia Virginia

Lin, Brandon Robert

Lutz, Ryan David

Mallea, Gonzalo Steven

Mansoor, Asad

McIntyre, Robert Ricardo

Messinger, Colin Michael

Mominul Hoque, Abulbasar

Moseley, Garrett Selden

Murphy, Alaysia

Nyberg, Alice-Anne Kathryn

Pavlick, Sarah Margaret

Quan, Trong Bao

Rashid, Yadeen Bin

Ratledge, Anthony Joseph

Riggins, William Hunter

Ross, Eric Steven

Sayre, Christopher Aaron

Schmitt, Anna Lauren

Silverstein, Silvana Noemi

Sisido, Ronald Edgar

Tahir-Akinyele, Abdul Majid Mills

Thavaamani, Nivedana

Thomas, Ashley Nicole

Tilton, James A.

Tran, Tino Pham

Tronrud, Robert G.

Walker, Rian Breanna

Whisenhunt, Gregory H.

Zangla, Charles

**MASTER OF SCIENCE  
TRANSLATIONAL BIOLOGY,  
MEDICINE AND HEALTH**

Patwardhan, Manali Nitin

## **GRADUATE CERTIFICATES**

### **AGRIBUSINESS FUNDAMENTALS**

Shell, Charles Harding

### **APPLIED ECONOMIC ANALYTICS**

Hanson, Cory Thomas

### **APPLIED STATISTICS**

Bennett, Kasandra

Byrd, April Marshall

Childs, Cameron Baker

Chitkara, Trisha

Dapkiewicz, Alex Craig

Darko, Elsie

Garudadri, Lakshmi Sai Nithya

Guda, Phani Kumar

Joiner, Lyle Corbett

Joshi, Shashank

Kayanuma, Bryce Platt

Keepudi, Neswanth Naga

Khan, Sophie F.

Lee, Mia Virginia

Mansoor, Asad

Nyberg, Alice-Anne Kathryn

Patterson, Lindsey Catherine

Poudel, Shraddha

Ratledge, Anthony Joseph

Riggins, William Hunter

Weaver, Cameron

Whisenhunt, Gregory H.

Zangla, Charles Aaron

### **BIG DATA**

Atay, Naciye Nur

Hoge, Scott Nicholson

Kayanuma, Bryce Platt

Lin, Brandon Robert

Rashid, Yadeen Bin

### **BUSINESS DATA ANALYTICS**

Bakhtiary, Mona

Burke, Lillian Michelle

Flater, Morris Eugene

Givens, Emmanuelle Rose

Lee, Mia Virginia

Moseley, Garrett Selden

### **CYBERSECURITY MANAGEMENT**

Basile, Christopher Riley

Garudadri, Lakshmi Sai Nithya

Mominul Hoque, Abulbasar



## **CYBERSECURITY POLICY**

Barrowclift, Robert George

Byrd, April Marshall

Darko, Elsie

Flater, Morris Eugene

Hood, Dan Rex

Mansoor, Asad

Murphy, Alaysia

Poudel, Shraddha

Schmitt, Anna Lauren

## **CYBERSECURITY TECHNOLOGIES**

Bennett, Kasandra

Bhatti, Usman Kaiser

Dapkiewicz, Alex Craig

Hernandezcollazo, Neftali

Hoge, Scott Nicholson

Joshi, Shashank

Lutz, Ryan David

Mackie, Rian Alexandria

Messinger, Colin Michael

Nyberg, Alice-Anne Kathryn

Pine, Yuliya

Smith, Andrew Kenneth

Thavaamani, Nivedana

Whisenhunt, Gregory H.

Zangla, Charles Aaron

## **DATA ANALYTICS**

Adams, Faisal Torbu

Al rezq, Mohammed Shjea

Amaraselvam, Benny Antony

Ba-Aoum, Mohammed Hassan

Bi, Ye

Sarker, Anik

Zolfaghari, Armin

## **ECONOMIC DEVELOPMENT**

Grace, Patricia Rose

Manthapuri, Sadhana

Polhamus, James Miles

## **EDUCATIONAL RESEARCH**

Bluestein, Thomas Martin

Heasley, Christian Daniel

## **FOUNDATIONS OF**

## **POLITICAL ANALYSIS**

Loyola-Rodriguez, Nathaly Alexia

## **FUTURE PROFESSORIATE**

Ajao, Helen Omotayo

Al Wahaimed, Abdullah  
Ba-Aoum, Mohammed H.  
Benavides Ruiz, Carolina  
Chehimi, Mahdi  
Das, Mautushi  
DeFeo, Julia Anne  
Fan, Jixiang  
Fravel, William James  
He, Tianzhi  
Huda, Ainul  
Karambor Chakravarty, Sriya  
Kia, Kambiz  
Kim, Troy Jaisohn  
Lewis, Abigail Sara Larson  
Mack, Charles Kevin  
Okeshola, Idowu Kayode  
Okoro, Joshua Oghenekevwe  
Perez Vidal-Ribas, Marta  
Ryan, Mollison Simone  
Saha, Geetam  
Stark, Nicole Elizabeth  
Varela Valenzuela, Natalia Ines  
Xie, Ruixiang  
Xu, Dahan

**GEOSPATIAL INFORMATION  
TECHNOLOGY**

McKellips, Ian Allan Green  
Wood, Morgan N.

**GLOBAL PLANNING AND  
INTERNATIONAL DEVELOPMENT  
STUDIES**

Belafia, Ayman

**GLOBAL SUSTAINABILITY**

Acey, James Vicente  
Agar, Kane Hudson  
Anderson, Eric  
Arapoff, Nathan Christopher  
Clemons, Katilyn Marie  
Garcia, Celia Marie  
Garrett, Cheslee Marie  
Graham, Paige Carr  
Harvey, Connor Erickson  
Johnson, Shelby  
Johnston, Margaret Anne  
Keyes, Deborah Pratt  
Pierce, Robert  
Redan, Maxwell  
Williamson, Brendan Andrew  
Zsembik, Michael R.

## **HEALTH INFORMATION TECHNOLOGY**

Barrowclift, Robert George

Berdi, Hassan Mohammad

Sayre, Christopher Aaron

## **HIGHER EDUCATION**

### **ADMINISTRATION**

Ferguson, Laura Anne

## **HUMAN SEXUALITY STUDIES**

Kwitny, Molly Vivian

## **HUMAN-CENTERED DESIGN**

Altland, Emily Caroline

Dawkins, Ralisa

Reis Farina, Katharina

## **HUMAN-COMPUTER INTERACTIONS**

Dawkins, Ralisa

Dong, Jiayuan

Sangwan, Ankit

Vargas Diaz, Daniel Alfredo

## **INCLUSION AND DIVERSITY**

Altland, Emily Caroline

Moyer, Olivia Rae

Phillips, Jennifer Julia

Renz, Katelynn M.

Zipfel, Autumn Elizabeth

## **INFORMATION TECHNOLOGY**

### **MANAGEMENT**

Burke, Lillian Michelle

Jo, Eugene Jung

Kinnaman, Alex

Lee, Christopher Scott

Thavaamani, Nivedana

## **LOCAL GOVERNMENT MANAGEMENT**

Meadows, Rachel L.

Mertz-Guinn, Elizabeth Anne

Millehan, Patrick Edwin

Short, Shayne R.

## **MIDDLE EAST POLITICS AND SOCIETY**

Hallman, Zachary Stewart

## **NATURAL RESOURCES**

Batchelder, Kelsea Ann  
Bradford, Madeleine Swan  
Finney, Laurel  
Freeddy, Madison  
Gade, Madison Marie  
Gandy, Elizabeth Kate  
Garcia, Celia Marie  
Gonzalez-Velez, Justine Ivan  
Grace, Patricia Rose  
Hall, Emma E.  
Himes, Abby Alexandra  
Inman, Rachel Mizuki  
Iyengar, Gaurav  
Johnson, Shelby  
Kammire, Cecilia Ellen  
Kothmann, Sara Marie  
Lange, Samantha Paige  
Matthews, Faith Ellen  
Moss, Francesca  
Pneuman, Bridget Nicole  
Prevost, Eden Clare  
Rae, Flanagan  
Renick, Jamie Leigh  
Rivera, Ester Esperanza

Saeger, Isabella  
Savage, Quatrella Shawron  
Tremblay, Liam  
Wampler, Lucien Margaret

## **NONPROFIT AND NONGOVERNMENTAL ORGANIZATION MANAGEMENT**

Gray, Elizabeth D.  
Miller, Erin Morris

## **NUCLEAR ENGINEERING**

Pal, Sanjeeb

## **POLITICS AND POLICY STUDIES OF SCIENCE AND TECHNOLOGY**

Mondal, Ronnie

## **PROBLEM SOLVING FOR LEADING CHANGE**

Baiza Martinez, Pedro Antonio

## **PUBLIC HEALTH**

Kabir Adrita, Mahjabin

## **PUBLIC HISTORY**

Harless, Kaitlynn Jean Marie

## **SCIENCE AND TECHNOLOGY**

Ba-Aoum, Mohammed Hassan

## **SECURITY STUDIES**

Hallman, Zachary Stewart

## **SOFTWARE DEVELOPMENT**

Alam, Jordan Syed

Bhatti, Usman Kaiser

Cayetano, Jane

Desimone, Angela Michele

Gill, Evan Bryant

Kalikkottil Padmanabhan, Girish Kumar

Kayanuma, Bryce Platt

Quan, Trong Bao

Riggins, William Hunter

## **TRANSPORTATION PLANNING**

### **AND POLICY**

Albarrak, Mohammed A.

Copelan, Samuel Reace

Gordon, Keneil Anthony

Inman, Rachel Mizuki

Kaiser, Dalton

Polhamus, James Miles

Tushar, Md Shazalal

## **URBAN PLANNING ANALYTICS**

Yasmine, Rajkarnicar