

COMMENCEMENT

MAY 16



GRADUATE SCHOOL
VIRGINIA TECH.™

SPRING 2019
Blacksburg

DOCTORAL DEGREES THE GRADUATE SCHOOL

Dean Karen P. DePauw

Blacksburg

DOCTOR OF PHILOSOPHY

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

AGRICULTURAL AND EXTENSION EDUCATION

Bass, Robert Tyrone

Black Leaders in the Triad Area of North Carolina: A Narrative Inquiry Analysis of Self-Determination Through Critical Race Theory

Committee Chair: Prof. K. L. Niewolny

Cook, Natalie Ebony

Transformative Evaluation Capacity Building: ECB as a Site for Social Transformation

Committee Chair: Prof. T. G. Archibald

Greaud, Michelle L.

Preparation of Career and Technical Education Teachers to Work with Students with Special Needs

Committee Chair: Prof. D. M. Westfall-Rudd

Manchester, Steven James

A Study of the Force Structure Review of the United States Marine Corps Acquisition Organization to Functionally Align with the Marine Air Ground Task Force. The Transformation of a Competency Aligned Federal Civilian Workforce.

Committee Chair: Prof. E. K. Kaufman

Omosa, Oladayo Olukayode

Towards Defining and Mainstreaming

Committee Chair: Prof. T. G. Archibald

Woodward, Patricia Lane

Agriculture Teacher Creative Identity and Creative Behavior

Committee Chair: Prof. R. D. Rudd

ANIMAL AND POULTRY SCIENCES

Brandt, Amanda Maverick

Regulation of Satellite Cells by Extrinsic Factors During Recovery from Exercise in Horses

Committee Chair: Prof. S. E. Johnson

Ryu, Junghyun

Use of CRISPR/CAS9 System During Embryogenesis in Pig

Committee Chair: Prof. K. Lee

ANIMAL SCIENCE, DAIRY

Steele, Nicole Margaret

On-farm Strategies for the Prevention and Detection of Gram-specific Clinical Mastitis in Dairy Cows

Committee Chair: Prof. C. S. Petersson-Wolfe

BIOCHEMISTRY

Adepoju, Olusegun Adeboye

Elucidating the Inositol Pyrophosphate Synthesis Pathway in Plants

Committee Chair: Prof. G. E. Gillaspay

Casasanta, Michael Anthony

Laying the Genetic and Molecular Foundation for the Study of Fusobacterium Necleatum in Relation to Human Health and Disease

Committee Chair: Prof. D. J. Slade

Elahi, AEM Rubayet

Proteome-wide Functional Profiling of Serine Hydrolases in the Human Malaria Parasite

Committee Chair: Prof. M. W. Klemba

CROP AND SOIL ENVIRONMENTAL SCIENCES

Alvarez-Campos, Maria Odiney

Assessment of Exceptional Quality Biosolids for Urban Agriculture

Committee Chair: Prof. G. K. Evanylo

Brasier, Kyle Geoffrey

Physiological Traits and Quantitative Trait Loci Associated with Nitrogen Use Efficiency in Soft Red Winter Wheat

Committee Chair: Prof. C. A. Griffey

Flemmig, Emma Leigh

Resuscitating Rapid Rural Appraisal for Improved Food Security Outcomes in International Agricultural Development

Committee Chair: Prof. W. E. Thomason

Joshi Gyawali, Ayush

No-till and Cover Crop Effects on Soil Health Parameters and its Dynamics

Committee Chair: Prof. R. D. Stewart

Le, Hanh Thi Van

Manure Management Practices Affecting the Environmental Fate and Impact of Veterinary Antibiotics in Manure-applied Fields

Committee Chair: Prof. K. Xia

ECONOMICS

Cao, Xiang

Essays on Environmental Economics with a Focus on Non-market Valuation

Committee Chair: Prof. K. Boyle

Yang, Yanliang

Three Essays on Money Input and Time Input in Food Poverty Measurement and Healthy Eating Index

Committee Chair: Prof. W. You and Prof. G. C. Davis

FOOD SCIENCE AND TECHNOLOGY

Ma, Sihui

Comparison of Analytical Methods for the Quantification of Total Polyphenols in Fruit Juice and Beverages

Committee Chair: Prof. A. C. Stewart

Masri, Hassan Mohamed

Evaluating Post-harvest Practices on the Quality and Safety of Kona Coffee

Committee Chair: Prof. J. D. Eifert

HUMAN NUTRITION, FOODS AND EXERCISE

Allen, Mitchell Edison

Mitochondrial Structure-Function in Health and Disease

Committee Chair: Prof. D. A. Brown

Donnelly, Sarah Rebecca

Temporal Examination of DNA Methylation Profile Reprogramming in the Promoter Region of PGC-1 During the Progression of Insulin Resistance and Type 2 Diabetes Mellitus in Rodent Models

Committee Chair: Prof. M. W. Hulver and Prof. Z. Cheng

Houghtaling, Bailey Elizabeth

Prioritizing Food Retailer Perspectives for Environmental Change in Food Stores to

Encourage Healthier Dietary Purchases Among Low-Income Consumers in the United States

Committee Chair: Prof. E. L. Serrano

Luo, Jing

The Role of GPR30 in Metabolism

Committee Chair: Prof. D. Liu

Perry, Justin Bradley

Novel Approaches to Treat Mitochondrial Complex-I Mediated Defects in Disease

Committee Chair: Prof. D. A. Brown

Tao, Zhipeng

Estrogen Signaling Interacts with Sirt1 in Adipocyte Autophagy

Committee Chair: Prof. D. Liu and Prof. Z. Cheng

Williams, Brian Orbrey

Heart Rate Kinetics and Control Chart Violations Effect on Physical Demands and Fatigue Prediction in College Aged Soccer Players

Committee Chair: Prof. J. H. Williams

Yuhas, Maryam

Improving Rural Health Disparities: Understanding and Addressing Intake of Added Sugars and Sugar-Sweetened Beverages Among Adults and Adolescents
Committee Chair: Prof. M. I. Frisard

PLANT PATHOLOGY, PHYSIOLOGY AND WEED SCIENCE

Acharya, Bhupendra

Integrated Management of Anthracnose and Grain Mold Diseases in Grain Sorghum Under Mid-Atlantic Conditions
Committee Chair: Prof. H. L. Mehl

Dickinson, Christopher Cody

The Establishment and Chemical Ecology of Toxicodendron Radicans
Committee Chair: Prof. J. G. Jelesko and Prof. J. Barney

Zhou, Tian

Integrated Management of Soybean Foliar Diseases: Development of a Fungicide Application Decision Aid and Assessment of Fungicide Resistance of Soybean Pathogens in the Mid-Atlantic
Committee Chair: Prof. H. L. Mehl

COLLEGE OF ARCHITECTURE AND URBAN STUDIES

ARCHITECTURE AND DESIGN RESEARCH

Al-Rqaibat, Sana'A Mohammad

A Framework for the Implementation of Digital Technologies in the Concept Stage of the Architectural Design Process
Committee Chair: Prof. J. R. Jones

Alfadil, Mohammad Omar

Design Tool for a Ground-Coupled Ventilation System
Committee Chair: Prof. J. R. Jones

ENVIRONMENTAL DESIGN AND PLANNING

Saxton, Maria Wimberly

The Ecological Footprints of Tiny Home Downsizers: An Exploratory Study
Committee Chair: Prof. A. R. Pearce

Xiong, Yunjie

A BIM-based Interoperability Platform in Support of Building Operation and Energy Management
Committee Chair: Prof. G. Reichard

PLANNING, GOVERNANCE, AND GLOBALIZATION

Apriliani, Putu Desy

It Takes a Village To Do Microfinance Right: Effects of Microfinance on Gender Relations in Bali
Committee Chair: Prof. J. Rothschild

Mahdu, Omchand

The Impacts of Climate Change on Rice Production and Small Farmers' Adaptation: A Case of Guyana
Committee Chair: Prof. Y. Zhang and Prof. T. E. Schenk

Netto, Brett Raymond

Russia and International Society from Peter the Great to Vladimir Putin: The Search for Power and Status
Committee Chair: Prof. I. Stivachtis

Wei, Rongrong

Local Fiscal Sustainability Within American Federalism
Committee Chair: Prof. M. M. Cowell

Zaarour, Khodr M.

Varying Views of Democracy Among Iraqi Citizens, 2005-2018
Committee Chair: Prof. K. M. Hult and Prof. J. Rothschild

PAMPLIN COLLEGE OF BUSINESS

BUSINESS, ACCOUNTING AND INFORMATION SYSTEMS

Parlier, Jennifer Ashley

The Client Acceptance and Retention Process: How Policies and Procedures Are Developed and Implemented Within Audit Firms
Committee Chair: Prof. J. G. Jenkins

Wetmiller, Rebecca J.

The Copycat Effect: Do Social Influences Allow Peer Team Members' Dysfunctional Audit Behaviors to Spread Throughout the Audit Team?
Committee Chair: Prof. R. Barkhi

BUSINESS, BUSINESS INFORMATION TECHNOLOGY

Goldberg, David Michael

Automated Extraction of Product Feedback from Online Reviews: Improving Efficiency, Value, and Total Yield
Committee Chair: Prof. A. S. Abrahams

BUSINESS, MARKETING

Mukherjee, Sudipta

Three Essays on Price Contexts and Price Perceptions
Committee Chair: Prof. M. Pandelaere and Prof. F. D. May

COLLEGE OF ENGINEERING

AEROSPACE ENGINEERING

Jackson, Charles Wilson

Truncation Error Based Mesh Adaptation and its Application to Multi-Mesh CFD
Committee Chair: Prof. C. J. Roy

Jones, Matthew Cecil

Accelerating Conceptual Design Analysis of Marine Vehicles Through Deep Learning
Committee Chair: Prof. E. G. Paterson

Mcclelland, Hunter Grant

Towards Detecting Atmospheric Coherent Structures Using Small Fixed-Wing Unmanned Aircraft
Committee Chair: Prof. C. A. Woolsey

Wang, Guangyao

Harvesting Environmental Thermal Energy Using Solid/Liquid Phase Change Materials (PCMs)
Committee Chair: Prof. K. G. Wang

Webster, John Ackroyd

Design and Analysis of Low Reynolds Number Marine Propellers with Computational Fluid Dynamics (CFD) Transition Modeling
Committee Chair: Prof. W. L. Neu and Prof. D. J. Stilwell

BIOLOGICAL SYSTEMS ENGINEERING

Tanniche, Imen

New Methods of DNA Assembly, Gene Regulation with a Synthetic sRNA, and Cyanobacterium Phenotype Monitoring with Raman Spectroscopy
Committee Chair: Prof. R. S. Senger

Valayamkunnath, Prasanth

Changing Hydrologic Regimes: Understanding the Role of Anthropogenic-induced Changes
Committee Chair: Prof. W. C. Hession

BIOMEDICAL ENGINEERING

Bland, Megan Lindsay

Assessing the Efficacy of Bicycle Helmets in Reducing Risk of Head Injury
Committee Chair: Prof. S. Rowson, Jr.

Campolettano, Eamon Thomas

Quantifying Postural Control, Concussion Risk, and Helmet Performance in Youth Football
Committee Chair: Prof. S. Rowson, Jr.

Cristino, Danielle M.

Lower Extremity Biomechanical Response of Female and Male Post-Mortem Human Surrogates to High-Rate Vertical Loading During Simulated Under-Body Blast Events
Committee Chair: Prof. W. N. Hardy

Dong, Xu

Material-specific CT for Molecular X-ray Imaging in Biomedical Research
Committee Chair: Prof. G. Cao

Kenny, Melissa Carol

Structural and Physical Characterization of Insect Flow Systems
Committee Chair: Prof. J. Socha

Renner, Kristen Elizabeth

Assessing Limb Symmetry Using the Clinically Accessible Loadsol®
Committee Chair: Prof. R. M. Queen

Thompson, Marc Aaron

Keratin Microparticles for Drug and Cell Delivery
Committee Chair: Prof. M. Van Dyke

Zhao, Huaning

The Compensatory Mechanism of the Endothelial-pericyte Interaction in Diabetic Retinopathy
Committee Chair: Prof. J. C. Chappell

CHEMICAL ENGINEERING

- Ansari, Mubashir Qamar**
Generation of Thermotropic Liquid Crystalline Polymer (TLCP)-Thermoplastic Composite Filaments and Their Processing in Fused Filament Fabrication (FFF)
Committee Chair: Prof. D. G. Baird
- Chang, Yow-Ren**
The Effect of Topography on Surface Behaviors of *Pseudomonas aeruginosa*
Committee Chair: Prof. W. A. Ducker
- Dickmann, James Scott**
Volumetric Properties and Viscosity of Fluid Mixtures at High Pressures: Lubricants and Ionic Liquids
Committee Chair: Prof. E. Kiran
- Li, Wenhui**
Connecting Thermodynamics and Kinetics of Ligand Controlled Colloidal Pd Nanoparticle Synthesis
Committee Chair: Prof. A. M. Karim
- Lu, Yubing**
Structural and Kinetic Study of Low Temperature Oxidation Reactions on Ir Single Atoms and Subnanometer Clusters
Committee Chair: Prof. A. M. Karim
- Murphy, Travis Wilson**
Microfluidic Tools for Molecular Analysis and Engineering
Committee Chair: Prof. C. Lu
- Sarma, Mimosa**
Microfluidics for Transcriptomics and Epigenomics
Committee Chair: Prof. C. Lu
- Yu, Jianger**
Establishing the Conditions for Stable Extrusion of Melt Spun Polyacrylonitrile with Water Based Plasticizers
Committee Chair: Prof. D. G. Baird

CIVIL ENGINEERING

- Almanaa, Mohammed Hamad**
Bi-level Control of Bike Sharing System: Dynamic Prediction and Balancing
Committee Chair: Prof. H. A. Rakha
- Bongioanni, Vincent Italo**
Enhancing Network-Level Pavement Macrotecture Assessment
Committee Chair: Prof. G. W. Flintsch
- Dhulipala, Lakshmi Narasimha Somayajulu**
Bayesian Methods for Intensity Measure and Ground Motion Selection in Performance-Based Earthquake Engineering
Committee Chair: Prof. M. M. Flint
- Hixon, Lee Franklin**
Potential and Quantification of Street Sweeping Pollutant Reductions Towards Addressing TMDL WLAs for MS4 Compliance
Committee Chair: Prof. R. L. Dymond
- Iskander, Syeed Md**
Advanced Technologies for Resource Recovery and Contaminants Removal From Landfill Leachate
Committee Chair: Prof. Z. He
- Ismael, Dalya Nabil Fathy**
Goal Framing to Encourage More Sustainable Decisions for the Built Environment Across Cultures
Committee Chair: Prof. E. W. Shealy III
- Klaus, Stephanie Anne**
Intensification of Biological Nutrient Removal Processes
Committee Chair: Prof. A. J. Pruden-Bagchi
- Mah, Joshua Turin**
Microbial Communities in Thermal Hydrolysis Pretreatment Anaerobic Digesters
Committee Chair: Prof. J. T. Novak and Prof. A. N. Godrej
- Mantilla Pena, Carlos Fernando**
Evaluation of In-service Residential Water Meters: Analysis of Registration Error and Meter Infrastructure Upgrades
Committee Chair: Prof. M. A. Widdowson and Prof. G. D. Boardman
- Musick, Ryland Wayne**
Incorporating Network Surface Friction Data and Safety Performance Functions to Enhance Project Selection in the West Virginia Highways Safety Improvement Program and Strategic Highway Safety Plan
Committee Chair: Prof. G. W. Flintsch
- Rivera Rojas, Alfonso Jose**
Lateral Response of Stiff Column-supported Shallow Foundations
Committee Chair: Prof. T. L. Brandon and Prof. C. G. Olgun

- Zou, Shiqiang**
Advancing Forward Osmosis for Energy-efficient Wastewater Treatment Towards Enhanced Water Reuse
Committee Chair: Prof. Z. He

COMPUTER ENGINEERING

- Ghanem, Ahmed Mohamed**
Sustainable and Energy Efficient Multi-Modal Transportation Modeling and Route Planning in Urban Cities
Committee Chair: Prof. H. A. Rakha
- Guo, Shengjian**
Efficient Symbolic Execution of Concurrent Software
Committee Chair: Prof. M. S. Hsiao and Prof. C. Wang
- Liu, Qingyu**
Maximum-Delay-Aware Routing in a Multi-Hop Network: Hardness, Algorithms, and Critical Applications
Committee Chair: Prof. H. Zeng
- Lyerly, Robert Frantz**
Popcorn Linux: A Compiler and Runtime for Execution Migration Between Heterogeneous-ISA Architectures
Committee Chair: Prof. B. Ravindran
- Wu, Meng**
Automation on Timing Side Channel Detection & Mitigation
Committee Chair: Prof. P. R. Schaumont

COMPUTER SCIENCE AND APPLICATIONS

- Arango Argoty, Gustavo Alonso**
Computational Tools for Annotating Antibiotic Resistance in Metagenomic Data
Committee Chair: Prof. L. Zhang
- Ekhtiari Amiri, Sorour**
Task-specific Summarization of Networks: Optimization and Learning
Committee Chair: Prof. B. A. Prakash
- Elsherbiny, Noha Ibrahim Mohamed**
Using Traceability to Improve the Practicality of Alignment Models
Committee Chair: Prof. S. H. Edwards
- Ma, Yufeng**
Going Deeper with Images and Natural Language
Committee Chair: Prof. E. A. Fox and Prof. W. Fan
- Raisi, Elaheh**
Weakly Supervised Machine Learning for Cyberbullying Detection
Committee Chair: Prof. B. Huang

ELECTRICAL ENGINEERING

- Allen, Noah Patrick**
Characterization of GaN PN Diode Drift Layers for High Power Applications
Committee Chair: Prof. L. J. Guido
- Bhela, Siddharth**
Power Grid Probing for Load Learning
Committee Chair: Prof. V. Kekatos
- Debchoudhury, Shantanab**
Parameter Estimation from Retarding Potential Analyzers in the Presence of Realistic Noise
Committee Chair: Prof. G. D. Earle
- Diemedi, Kevin Paul**
A Curvature-Corrected Rough Surface Scattering Theory Through the Single-Scatter Subtraction Method
Committee Chair: Prof. G. S. Brown
- Edwards, Thomas Raymond**
A Suite of Ionospheric Electrodynamics Models
Committee Chair: Prof. D. R. Weimer
- Eldosouky Mahmoud Salama, Abdelrahman A.**
Cyber-Physical Resilience of Critical Infrastructure: Fundamentals and Optimization
Committee Chair: Prof. W. Saad
- Herrera, Daniel Jeffrey**
Sulfur & Beryllium Implanted Diodes for Thermophotovoltaic Systems
Committee Chair: Prof. L. F. Lester
- Lin, Dong**
Solar Wind-Magnetosphere-Ionosphere Coupling: Multiscale Study with Computational Models
Committee Chair: Prof. W. A. Scales
- Park, Shinwoong**
Reconfigurable Discrete-time Analog FIR Filters for Wideband Analog Signal Processing
Committee Chair: Prof. S. Raman

Sharaf Dabbagh, Yaman

Security and Privacy for Internet of Things: Authentication and Blockchain
Committee Chair: Prof. W. Saad

Shi, Xueling

Occurrence Statistics and Driving Mechanisms of Ionospheric Ultra-Low Frequency
Waves Observed by SuperDARN Radars
Committee Chair: Prof. J. M. Ruohoniemi and Prof. J. B. Baker

Wang, Chen

Renewable Energy Integrated Power System Stability Assessment with Validated
System Model Based on PMU Measurements
Committee Chair: Prof. V. A. Centeno

Zhao, Xiaonan

High-Efficiency and High-Power Density DC-DC Power Conversion Using Wide Bandgap
Devices for Modular Photovoltaic Applications
Committee Chair: Prof. J. S. Lai

ENGINEERING EDUCATION

Gillen, Andrew Luke

A Multiple Case Study of an Interorganizational Collaboration: Exploring the First Year
of a Public-Private Partnership Focused on Secondary STEM Education
Committee Chair: Prof. J. R. Grohs

Maczka, Darren Kurtis

Computing Trajectories: Pathways into Computer Science and Programming
Experience in the First Year
Committee Chair: Prof. J. R. Grohs

Soledad, Michelle Millete

Understanding the Teaching and Learning Experience in Fundamental Engineering
Courses
Committee Chair: Prof. J. R. Grohs

ENGINEERING MECHANICS

Ahmadi, Seyedfarzad

Dynamical Phase-Change Phenomena
Committee Chair: Prof. J. B. Boreyko

Chattopadhyay, Arka Prabha

Free and Forced Vibration of Linearly Elastic and St. Venant-Kirchhoff Plates Using the
Third Order Shear and Normal Deformable Theory
Committee Chair: Prof. R. C. Batra

Chien, Ssu-Ying

Compressible Lubrication Theory in Pressurized Gases
Committee Chair: Prof. M. S. Cramer

Nolan, Peter Joseph

Experimental and Theoretical Developments in the Application of Lagrangian Coherent
Structures to Geophysical Transport
Committee Chair: Prof. S. D. Ross

INDUSTRIAL AND SYSTEMS ENGINEERING

Garside, Kristine Dianne Cantin

Behavioral Monitoring to Identify Self-Injurious Behavior Among Children with Autism
Spectrum Disorder
Committee Chair: Prof. M. A. Nussbaum

Krausman, Andrea S.

Understanding the Impact of Communication Delays on Distributed Team Interaction
Committee Chair: Prof. B. M. Kleiner

Nguyen, Ngoc Thu

Robust and Efficient Testing Design for Prevalence Estimation of Emerging Diseases
Under Limited Resources
Committee Chair: Prof. E. K. Bish

Sadeghzadeh, Seyedehsaloumeh

Optimal Biomarker Testing and Subject Classification Under Limited Information
Committee Chair: Prof. E. K. Bish

Singh, Sanchit

Modeling, Analysis, and Algorithmic Development of Some Scheduling and Logistics
Problems Arising in Biomass Supply Chain, Hybrid Flow Shops, and Assembly Job
Shops
Committee Chair: Prof. S. C. Sarin

MATERIALS SCIENCE AND ENGINEERING

Gao, Shan

Two-dimensional Mapping of Interface Thermal Resistance by Transient Thermal
Impedance Measurement
Committee Chair: Prof. G. Lu

Seaman, Shane Thomas

Material-Related Effects on the Structural-Thermal-Optical Performance of a Thermally-
Tunable Narrowband Interferometric Spectral Filter
Committee Chair: Prof. J. R. Heflin

Stuckner, Joshua Andrew

Investigating the Origin of Localized Plastic Deformation in Nanoporous Gold by In Situ
Electron Microscopy and Automatic Structure Quantification
Committee Chair: Prof. M. Murayama

Tuggle, James Robert

Advanced Characterization of Materials for Superconducting Radiofrequency
Accelerator Cavities
Committee Chair: Prof. M. J. Kelley

MECHANICAL ENGINEERING

Ashraf, Anum Rauf Barki

An End-to-End Numerical Model of an Earth Radiation Sensing Instrument
Committee Chair: Prof. J. R. Mahan and Prof. K. J. Priestley

Frohnappfel, Dustin Joseph

Methodology Development and Investigation of Turbofan Engine Response to
Simultaneous Inlet Total Pressure and Swirl Distortion
Committee Chair: Prof. W. F. O'Brien, Jr. and Prof. K. T. Lowe

Ghodratighalati, Mohamad

Multiscale Modeling of Fatigue and Fracture in Polycrystalline Metals, 3D Printed
Metals, and Bio-Inspired Materials
Committee Chair: Prof. R. Mirzaeifar

Jiang, Yuanyuan

Electrospray Printing for the Scalable Fabrication of Highly Efficient Perovskite Solar
Cells
Committee Chair: Prof. S. Priya and Prof. W. Deng

Pereira, Savio Joseph

On the Utilization of Vehicle Dynamics in Sensor Fusion for Road Surface Mapping
Systems
Committee Chair: Prof. J. B. Ferris

Stewart, Colin James

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

Su, Chuang

Integrated Experimental Methods and Machine Learning for Tire Wear Prediction
Committee Chair: Prof. S. Taheri

Vincent, Tyler Graham

Total Temperature Probe Performance for Subsonic Flows Using Mixed Fidelity
Modeling
Committee Chair: Prof. J. A. Schetz and Prof. K. T. Lowe

Wu, Yongjia

Thermoelectric Energy Harvesting for Sensor Powering
Committee Chair: Prof. L. Zuo

Yang, Hee Doo

Design, Manufacturing, and Control of Soft and Soft/Rigid Hybrid Pneumatic Robotic
Systems
Committee Chair: Prof. A. T. Asbeck

Yu, Shifeng

The Development of High-Throughput and Miniaturized Differential Scanning
Calorimeter for Thermodynamic Study of Bio-Molecules
Committee Chair: Prof. L. Zuo

Zhang, Fei

Adsorption of Small Molecules in Various Materials
Committee Chair: Prof. R. Qiao

Zhao, Lei

Dynamics and Statics of Three-phase Contact Line
Committee Chair: Prof. J. Cheng

MINING ENGINEERING

Mullendore, Marina Anita Jacqueline

Assessment of the Geological Storage Potential of Carbon Dioxide in the Mid-Atlantic
Seaboard: Focus on the Outer Continental Shelf of North Carolina
Committee Chair: Prof. N. S. Ripepi

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

CAREER AND TECHNICAL EDUCATION

Tomlinson, Diane C.

Perceptions of Selected Stakeholders About Enrollment in Career and Technical Education Courses and Programs That Are Non-traditional by Gender
Committee Chair: Prof. W. T. Price, Jr.

Woo, Jihyun

Integrating Global Competencies into Business and Information Technology and Marketing Education Curricula
Committee Chair: Prof. W. T. Price, Jr.

COUNSELOR EDUCATION

Jardon, Alexander Matthew

Multicultural Competence for Counseling Students Experiencing Cultural Immersion
Committee Chair: Prof. L. E. Welfare

Mabry, Challen Marie

Professional Counselors Self-Perceived Multicultural Counseling Competency Practicing in Rural, Suburban, & Urban Communities
Committee Chair: Prof. L. B. Farmer

Ripley, Dana Marie

Counseling Interventions with Buprenorphine for Treatment of Opioid Use Disorders
Committee Chair: Prof. L. E. Welfare

Robino, Ariann E.

The Human-Animal Bond and Attachment in Animal-Assisted Interventions in Counseling
Committee Chair: Prof. L. E. Welfare

CURRICULUM AND INSTRUCTION

Arnold, Amy Joan

Constructing Guidelines for Practicing Professionals Teaching Continuing Professional Development in Online Environments
Committee Chair: Prof. B. B. Lockee

Bass, Erika Lynn

Examining a Place-Based Curriculum for High-Performing Learners: A Place-Based, Critical, Dialogic Curriculum for High-Performing Rural Writers
Committee Chair: Prof. T. T. Stewart

Biviano, Amanda C.

Exploring the Possibility of a Sociocultural Disability Focused Curriculum in English Language-Arts
Committee Chair: Prof. B. S. Billingsley and Prof. A. P. Azano

Hilder, Janet Lynn

The Impact of Textual Display Strategies on Learning from Electronic Presentations
Committee Chair: Prof. B. B. Lockee

Keller, Rachel Elizabeth

Failure to Reject the p-value is Not the Same as Accepting It: The Development, Validation, and Administration of the KPVM I Instrument
Committee Chair: Prof. G. E. Skaggs and Prof. C. L. Ulrich

Krachenfels, Jessica Tanya

Interactive Science Notebooks: Exploring the Extent Which Integrating a New Learning Tool Supports Self-Efficacy in Expressing Science Content Knowledge and Interest in Pursuing a STEM Related Career
Committee Chair: Prof. B. D. Bowen

Lindstrom, Pamela Neal

Entering the Conversation: A Novice Teacher's Approach to Dialogic Pedagogy in Literary Explorations of Difference
Committee Chair: Prof. T. T. Stewart

Mullins, Ricky Dale

Dewey, Disability, and Democratic Education
Committee Chair: Prof. D. Hicks and Prof. T. O. Williams, Jr.

Nino, Miguel Alfonso

Digital Game-Based Learning in K-12 Classrooms: Studying Effectiveness and Influential Factors in Instruction
Committee Chair: Prof. K. S. Cennamo

Radke, Annemarie Katherine

Design and Development of a Metadata-Driven Search Tool for Use with Digital Recordings
Committee Chair: Prof. K. R. Potter

Stephenson, Jessica R.

Place-based Science Education in Appalachia
Committee Chair: Prof. G. E. Glasson

Young, Denise Halsey

The Effects of an Academic Bridge Program on Community College Transfer Students' Motivational Beliefs: Examining Students' Perceptions of Academic and Career Goals in Science
Committee Chair: Prof. B. D. Jones

Zwanch, Karen Virginia

Number Sequences as Explanatory Models for Middle-Grades Students' Algebraic Reasoning
Committee Chair: Prof. J. L. Wilkins

HIGHER EDUCATION

McGlothlin Lester, Marlena Brooke

Understanding Academic Advising at Institutions with a First-Year Engineering Program
Committee Chair: Prof. H. Matusovich

Yousafzai, Ayesha Latif

Identity Performance Among Muslim International Women: A Narrative Inquiry
Committee Chair: Prof. C. K. Robbins

HUMAN DEVELOPMENT

Borowski, Shelby Catherine

The Impact of Flexible Work Arrangements on Physical Activity: A Daily Diary Study
Committee Chair: Prof. J. S. Savla and Prof. A. Zvonkovic

Cox, Natasha Amanda

Becoming a Black Man: A Qualitative Examination of Identity Management, Sense of Belonging, and Informal Support Systems of Black Transmen
Committee Chair: Prof. A. L. Few-Demo

Naar, Jill Juris

Uncovering the Processes by Which Grandparent Couples in Encore Adulthood Engage in Family Leisure
Committee Chair: Prof. A. Zvonkovic

Stephen Premo, Jessica Lynee

Adolescent Trauma Treatment in Integrated Primary Care: A Modified Delphi Study
Committee Chair: Prof. E. L. Grafsky

RHETORIC AND WRITING

Garahan, Katie Lynn

Deliberation, Dissent, and Advocacy: A Rhetorical Study of Teachers' Lived Experiences with Education Reform
Committee Chair: Prof. K. M. Powell

Hutchison, Allison Brooke

Assessing the Feasibility of Online Writing Support for Technical Writing Students
Committee Chair: Prof. C. Evia Puerto

Kulak, Andrew Michael

Rhetoric Beyond the Digital/Physical Divide: The Internet and Digital and Physical Hybridity
Committee Chair: Prof. K. E. Pender

SCIENCE AND TECHNOLOGY STUDIES

Crocker, Trevor D.

Materials of the Cloud: From Utility to Control
Committee Chair: Prof. J. E. Abbate

Fried, Samantha Jo

Landsat in Contexts: Deconstructing and Reconstructing the Data-to-Action Paradigm in Earth Remote Sensing
Committee Chair: Prof. S. E. Halfon

SOCIAL, POLITICAL, ETHICAL, AND CULTURAL THOUGHT

Alphin, Caroline Grey

Living on the Edge of Burnout: Defamiliarizing Neoliberalism Through Cyberpunk Science Fiction
Committee Chair: Prof. F. Debrax

Ryan, Mary Kathleen

The Democratic Kaleidoscope in the United States: Vanquishing Structural Racism in the U.S. Federal Government
Committee Chair: Prof. D. L. Brunson

Szczurek, Anthony

India's Temporal Imaginaries of Climate Change, 1988-2018
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Ward, Shelby Elise

Strange(r) Maps: The Geopolitics of Sri Lankan Tourism
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SOCIOLOGY

Kachipande, Sitingawawo Diana

Sun, Sand, Sex and Order in Southern Africa: The Interplay of Social Attitudes, Criminal Law, Sex Work and Tourism Development in Malawi

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Lang, Marissa Nichole

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Committee Chair: Prof. A. S. Vogt Yuan

Miles, Corey Javon

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Streeter, Rayanne Connie

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Turner, Jennifer Laverne

#BlackMamasMatter: The Significance of Motherhood and Mothering for Low-Income Black Single Mothers

Committee Chair: Prof. B. Smith

COLLEGE OF NATURAL RESOURCES & ENVIRONMENT

FORESTRY AND FOREST PRODUCTS

Diamond, Jacob Sullivan

Ecohydrology and Self-organization of Black Ash Wetlands

Committee Chair: Prof. R. A. Slesak and Prof. D. L. McLaughlin

Hurst, Kristin Frances

Identity, Intergroup Relationships, and Environmental Conflict

Committee Chair: Prof. M. J. Stern

GEOSPATIAL AND ENVIRONMENTAL ANALYSIS

Fynn, Iris Ekua Mensimah

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Tran, Hoa Thi

Integration Geospatial Technologies in Monitoring Desertification Process in a Coastal Area of Vietnam (Case Study in Binh Thuan Province)

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Weaver, Elizabeth Ann

Investigating the Valley Fever - Environment Relationship in the Western U.S.

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COLLEGE OF SCIENCE

BIOLOGICAL SCIENCES

Leon, Ariel Elizabeth

Exposure Heterogeneity, Host Immunity, and Virulence Evolution in a Wildlife Disease System

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Muchlinski, Andrew Joseph

Characterization and Functional Analysis of Terpenoid Specialized Metabolism in Panicum virgatum Roots in the Interaction with Biotic and Abiotic Factors

Committee Chair: Prof. D. B. Tholl

Sayer, Cameron Vincent

Identification and Analysis of Germination-Active Proteins in Bacillus Spores

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CHEMISTRY

Driscoll, Darren Matthew

Fundamental Spectroscopic Studies of Small Molecule Adsorption and Oxidation on Catalytic Surfaces

Committee Chair: Prof. J. R. Morris

Grissom, Tyler Glenn

Fundamental Investigations of Hazardous Gas Uptake and Binding in Metal-Organic Frameworks and Polyurethane Films

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Heifferon, Katherine Valentine

Designing Functionality Into Step-growth Polymers From Liquid Crystallinity to Additive Manufacturing

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James, Andrew Moulton

Accurate Modeling of Near Degenerate Systems and Chiral Spectroscopy Using Coupled Cluster Theory

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Li, Hao

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Lin, Shaoyang

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Liu, Jianzhao

Studies of Macromolecule/molecule Adsorption and Activity at Solid Surfaces

Committee Chair: Prof. A. R. Esker

Mondschein, Ryan Joseph

Structure-Property Relationships of Polyester Regioisomers and Pendant Functionalized Polyetherimides

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Powell, Chadwick R.

Synthesis of Small Molecule and Polymeric Systems for the Controlled Release of Sulfur Signaling Molecules

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Sharp, Conor Hays

Fundamental Studies of the Uptake and Diffusion of Chemical Warfare Agent Simulants Within Zirconium-based Metal-Organic Frameworks

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Vincent, Matthew Ryan

Crystallization and Melting Studies of Poly(ϵ -caprolactone) and Poly(ethylene oxide) Using Flash Differential Scanning Calorimetry and Thermal Characterization of

Poly(δ -valerolactone) Fractions

Committee Chair: Prof. H. Marand

Wang, Guanyu

Interfacial Energy Transfer in Small Hydrocarbon Collisions with Organic Surfaces and the Decomposition of Chemical Warfare Agent Simulants within Metal-Organic Frameworks

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ECONOMICS

Lee, Dongwoo

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Li, Zhuncheng

The Behavioral and Neural Bases of Social Economic Decision-Making

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GEOSCIENCES

Colleary, Caitlin Elizabeth

Is the Presence of Proteins Evidence for Protein Preservation in the Fossil Record?

Committee Chair: Prof. S. J. Nesbitt

Mako, Calvin Andrew

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MATHEMATICS

Aslan, Songul

Combinatorial Curve Neighborhoods of the Affine Flag Manifolds of Type A

Committee Chair: Prof. C. L. Mihalcea

Guo, Ruchi

Immersed Finite Element Methods and the Applications in Interface Inverse Problems

Committee Chair: Prof. T. Lin

Lugo, Michael Ruben

A Combinatorially Explicit Relative Möbius Function on Affine Grassmannian and a Proposal for an Affine Infinite Symmetric Group

Committee Chair: Prof. M. M. Shimozono

Rupnow, Rachel Lynn

Examining Connections Among Instruction, Conceptual Metaphors, and Beliefs of Instructors and Students

Committee Chair: Prof. E. Johnson

Slagel, Joseph Tanner

Row-Action Methods for Solving Massive Inverse Problems

Committee Chair: Prof. J. Chung

Welch, Amanda Renee

Double Affine Bruhat Order

Committee Chair: Prof. D. D. Orr

PHYSICS

Brown, Bart Lee

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Committee Chair: Prof. M. J. Pleimling

Carroll, Jacob Alexander

Examining the Dynamics of Biologically Inspired Systems Far From Equilibrium

Committee Chair: Prof. U. C. Tauber

Charkhesht, Ali

Probing Collective Motions and Hydration Dynamics of Biomolecules by a Wide Range

Dielectric Spectroscopy

Committee Chair: Prof. V. Nguyen

Chen, Mengsu

Exact Diagonalization Study of Strongly Correlated Topological Quantum States

Committee Chair: Prof. V. W. Scarola

Chen, Zhuo

Applications of Gauged Linear Sigma Models

Committee Chair: Prof. E. R. Sharpe

Dai, Hongxia

Measurement of the (e,e') cross section for C, Ti, and Ar

Committee Chair: Prof. C. Mariani

Esmaeili, Shadisadat

Relaxation and Spontaneous Ordering in Systems with Competition

Committee Chair: Prof. M. J. Pleimling

Feng, He

A Study on Heterotic Target Space Duality-Bundle Stability/Holomorphy, F-theory and

LG Spectra

Committee Chair: Prof. L. B. Anderson

Gu, Wei

Gauged Linear Sigma Models and Mirror Symmetry

Committee Chair: Prof. E. R. Sharpe

Lee, Anna R.

4% Measurement of the Weak Charge of the Proton and the N to Delta Transition

Committee Chair: Prof. M. L. Pitt

Mccutcheon, Kelly R.

Ionic Self-assembled Multilayers in an Long-period Grating Optical Fiber Biosensor for

Brucella and as a Source of Second-harmonic Generation Plasmonically Enhanced by Silver Nanoprisms

Committee Chair: Prof. J. R. Heflin

Parsian, Mohammadhadi

Supersymmetric Backgrounds in String Theory

Committee Chair: Prof. E. R. Sharpe and Prof. J. A. Gray

Wang, Xiangwen

Heavy Tails and Anomalous Diffusion in Human Online Dynamics

Committee Chair: Prof. M. J. Pleimling

Zeng, Junkai

Dynamically Corrected Quantum Control: A Geometrical Framework

Committee Chair: Prof. E. F. Barnes

PSYCHOLOGY

Broomell, Alleyne Patricia Ross

Development of Neural Connectivity and Inhibitory Control: Relation to Social Cognition in Late Childhood

Committee Chair: Prof. M. Bell

Campbell, Ransom Whitaker

Dynamic Fluctuations in Emotion and Space Representation: A Functional Cerebral

Systems Approach to Right Hemisphere Dysfunction

Committee Chair: Prof. D. W. Harrison

Carter, Devin Matthew

Using Working Memory to Address the Validity-Diversity Dilemma: Incremental Validity

and Subgroup Differences Compared to GMA

Committee Chair: Prof. N. M. Hauenstein and Prof. E. S. Geller

Elias, Rebecca Marie

Measuring Social Motivation in Autism Spectrum Disorder: Development of the Social

Motivation Interview

Committee Chair: Prof. S. W. White

Wieckowski, Andrea Trubanova

Attention Modification to Attenuate Facial Emotion Recognition Deficits in Children with ASD

Committee Chair: Prof. S. W. White

STATISTICS

El Khouly, Mohamed Ibrahim

Bayesian Analysis of Temporal and Spatio-temporal Multivariate Environmental Data

Committee Chair: Prof. M. A. Ferreira

Sabin, Robert Paul Travers

Multiscale and Dirichlet Methods for Supply Chain Order Simulation

Committee Chair: Prof. D. Higdon

Zhang, Yafei

Variable Screening and Graphical Modeling for Ultra-high Dimensional Longitudinal

Data

Committee Chair: Prof. P. Du

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BIOMEDICAL & VETERINARY SCIENCES

Budnick, James Andrew

Characterization of the VtrR Regulons in Brucella abortus and Agrobacterium

tumefaciens

Committee Chair: Prof. C. C. Caswell

Catanzaro, Kelly Clemons Freudenberger

Surface Polysaccharides of Francisella tularensis: Further Characterization, Role in

Virulence, and Application to Novel Vaccine Strategies

Committee Chair: Prof. T. J. Inzana and Prof. C. C. Caswell

Edwards, Michael Richard

Environmental Estrogens Modulate Immune Responses in Autoimmune Disease

Committee Chair: Prof. S. A. Ahmed

Ernst, Marigold Ellen Bethany

Characterization, Toxicity, and Biological Activities of Organometallic Compounds and

Peptide Nucleic Acids for Potential Use as Antimicrobials

Committee Chair: Prof. J. S. Merola and Prof. N. Sriranganathan

Okyere, Benjamin

Eph-mediated Restriction of Cerebrovascular Arteriogenesis

Committee Chair: Prof. M. H. Theus

Rajpar, Ibtesam Mohamed Husein

Tendong Regeneration: Roles of Growth Factors and Phenotypic Diversity in Vitro Culture

Committee Chair: Prof. J. G. Barrett

INTERDISCIPLINARY DEGREES

GENETICS, BIOINFORMATICS AND COMPUTATIONAL BIOLOGY

Telonis, Pyrros A.

Novel Applications of Geospatial Analysis in the Modeling of Infectious Diseases

Committee Chair: Prof. B. L. Lewis and Prof. S. G. Eubank

INDIVIDUAL INTERDISCIPLINARY PHD

Miranda Mouchrek, Najla

Empowerment in the Transition to Adulthood: Supporting Career Exploration in College

Using Participatory Design

Committee Chair: Prof. M. J. Benson and Prof. J. C. Sible

MACROMOLECULAR SCIENCE AND ENGINEERING

DeButts, Barbara Lynn

Plant Proteins as Multifunctional Additives in Polymer Composites

Committee Chair: Prof. J. R. Barone

Qian, Yun

Self-assembled Peptide Hydrogels for Therapeutic H₂S Delivery

Committee Chair: Prof. J. Matson

TRANSLATIONAL BIOLOGY, MEDICINE AND HEALTH

Darden, Jordan Alexandra

Pericytes in Early Vascular Development

Committee Chair: Prof. J. C. Chappell

James, Carissa Chey

Alternative Mechanisms of Translation Initiation in Modulation of Gap Junctional Coupling

Committee Chair: Prof. J. Smyth

Kerr, Alicia Marie

Cell-specific Roles for CASK in the Pathology of Optic Nerve Hypoplasia

Committee Chair: Prof. M. A. Fox

Mellis, Alexandra Michelle

Quantifying the Effects of a Constricted Temporal Window in Reinforcer Pathology

Committee Chair: Prof. W. K. Bickel

Powell, Michael Duane

Insights Into the Regulatory Requirements for T Follicular Helper Cell Development

Committee Chair: Prof. K. Oestreich

Raisch, Tristan Bryan

Extracellular Spaces and Cardiac Conduction

Committee Chair: Prof. S. Poelzing

Scaia, Veronica Marie

Elucidating the Role of Pattern Recognition Receptors in Understanding, Treating, and Targeting Cancer

Committee Chair: Prof. I. C. Allen

Steger, Courtney Long

Determinants of Core Shell Dependent Rotavirus Polymerase Activity

Committee Chair: Prof. P. Sobrado and Prof. S. McDonald

Strayer, Thomas Edward

Dissemination of Health Promotion Information in Cooperative Extension: A Multi-study Exploration of Channels, Sources, and Characteristics That Influence Intervention Uptake

Committee Chair: Prof. S. M. Harden

Vaughan, Sydney Katherine

The Role of Lynx1, an Endogenous Modulator of Cholinergic Transmission, in NMJ Development, Maintenance, and Repair

Committee Chair: Prof. G. Valdez

DOCTOR OF EDUCATION

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

Banks, Dora Mae

Identify Principal Leadership Practices that Effectively Support Gifted Learners and Gifted Programs

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

Coeffield, Cora Beatress

The Relationship Among School Leadership Practices, Student Socioeconomic Status, and Student Achievement in One Virginia School Division

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

Collier, Christopher Williamson

Perceptions of Strategic Compensation as a Motivating Factor on Teacher Quality, Recruitment and Retention in a Rural Southeast School District

Committee Chair: Prof. C. S. Cash

Williams, Clifton C.

A National Study of the Association of Christian School International Schools Head of School Leadership Characteristics

Committee Chair: Prof. C. S. Cash

Wright, Chantea Renee

Teacher Perceptions of the Impact of Professional Development on Instructional Practices and Student Achievement

Committee Chair: Prof. C. S. Cash

EDUCATION SPECIALIST

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

CURRICULUM AND INSTRUCTION

Davis, Jacqueline Melissa

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

Cannon, Ashley Duncan

Cheatham, James Hudson

Knowles, Ashley Michelle

MASTER'S DEGREES

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

MASTER OF SCIENCE

AGRICULTURAL AND APPLIED ECONOMICS

Grossen, Grace Elizabeth

Knaresboro, Lauren Marie

Paik, SongYi

Shi, Yuxiao

Stump, Katherine Alice

AGRICULTURAL AND LIFE SCIENCES

Davis, Andrea W.

Dolan, Amanda Marie

Ellis, Bradley Walker

Haynes, Brenda Carol

Jones, Robert Trent

Martindell, Morgan Leigh

Phillips, Melissa S.

Sharpe, Sarah Elizabeth Weaver

Wright, Melissa Susanne

Ziyout, Hisham Abdessalam John

ANIMAL AND POULTRY SCIENCES

Elgin, Jennifer May

Helsel, Patricia J.

Liu, Kuan-Ling

Pyne, Alicia Marie

Reynolds, Krista Lynn

Seymour, Kacie Tinnesz

CROP AND SOIL ENVIRONMENTAL SCIENCES

Boyd, Luke David-Allen

Byrd, Jabari Akil

Cappellin, Catherine Brooks

Ellis, Madeleine D.

Hayes, Austin Craig

Hoak, Jessica

McClanahan, Sarah Jane

Sneesby, Ethan Paul

Thomsen, Sarah Jane

HUMAN NUTRITION, FOODS AND EXERCISE

Acerio, Darlene

Debiak, Emily Veronica

Lupi, Ryan Alexander

Obertello, Olivia Oriana

Parker, Molly Kathryn

VanDerBrink, Emily Marie

Walker, Ayrone Elizabeth

MASTER OF SCIENCE IN LIFE SCIENCES

AGRICULTURAL AND EXTENSION EDUCATION

Ajao, Helen Omotayo

Corkins, Chelsea Rose

Harris, Kayla Michelle

Sen, Anuradha

BIOCHEMISTRY

Brown, Connor Lee
Tolbert, Alexander

DAIRY SCIENCE

Ceh, Carrie Ann
Huffard, Haley Garrett

ENTOMOLOGY

Brown, Jacqueline S.
Roth, Morgan Alicia

FOOD SCIENCE AND TECHNOLOGY

Cairns, Paulette Anne
di Stefano, John Robert
Estrada, Erika M.
Poe, Nicholas Edward
Poudel, Deepak
Racine, Kathryn Claire
Taylor, Zachary William
Wesolowski, Michael Christopher

PLANT PATHOLOGY, PHYSIOLOGY AND WEED SCIENCE

Floyd, Jason L.
Shock, Morgan Nicole

COLLEGE OF ARCHITECTURE AND URBAN STUDIES

MASTER OF ARCHITECTURE

Barrios Sosa, Maria Ines
Blignaut, Stefan Louis
Burcham, Stephanie Marie
Byrne, Conor Vincent
Carman-Goeke, Macy Anne
Chen, Yao
Cheng, Mengnan
Dai, Jiaqi
Ebrahim, Hajar Mohammad
Fan, Mengdie
Fox, Adam James
Gao, Yuan
Harris, Kyle Hunter
Hilker, Jesse Kirtland
Huang, Sining
Jacobs, Ryan Patrick
Jalal, Tooba
Jamal Eddin, Sara
Jiang, Mingzhen
Johnson, Tracey Lynn
Liu, Runjie
Liu, Zhuoran
Merrill, Logan M.
Searcy, Jack Candler
Shah, Drishti Rajesh
Sturniolo, Rebecca Lynn
Sun, Zhuying
Torell, Erik Styrbjorn Odd
Walker, Madelyn Grace
Wang, Peilin
Zhao, Tianming

MASTER OF FINE ARTS

CREATIVE TECHNOLOGIES

Liu, Xindi

MASTER OF LANDSCAPE ARCHITECTURE

Henry, Nikolus L.

MASTER OF PUBLIC ADMINISTRATION

PUBLIC ADMINISTRATION/PUBLIC AFFAIRS

Beck, Christjahn Lamar
Brown-Coles, Olyvia Simone
Crespo, Victoria Rosalie
Dean, Morgan Grey
Edmonds, Gregory Tyler
Grosse, Dylan Bernard
Harris, Lawrence Markus
Lott, Ernest Matthew
Mabe, Parker H.
Malewitz, David Jerome
Poff, Erin C.
Slaughenhaupt, Joshua Alan
Tagle Hodzic, Ximena
Taylor, Aaron Christian
Williams, Aidan Chase

MASTER OF SCIENCE

ARCHITECTURE

Cabrera, Pablo Marcelo

BUILDING/CONSTRUCTION SCIENCE AND MANAGEMENT

DiMaio, Christopher Michael

MASTER OF URBAN AND REGIONAL PLANNING

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Hammes, Joshua Ross
Martin, Emma Taylor

PAMPLIN COLLEGE OF BUSINESS

MASTER OF ACCOUNTING AND INFORMATION SYSTEMS

Batt, Tyler James
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Bolt, Cheyenne Renee
Bondy, Anna Marie
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Cardaci, Emily Nicole
Choi, Jung Hwan
Cipolla, David William
Collura, Daniel James
DeSouza, Gabriella Cleide
Feng, Yuting
Hill, Juliana Rose
Hipple, Nicholas Gentry
Hoback, Connor Steven
James, Melicia Sade
Karas, Gregory Jon
Keen, Peyton Michael
Kurto, Danielle Amanda
Li, Handao
Li, Ivy Honger
Li, Yinghe
Lust, Margaret Joanne

Maher, Matthew Joseph
Mei, Shiyao
Miller, Brittany Lynn
Overton, Cameron Robert
Roberts, Ashley Michelle
Seiber, Talia Laryssa
Sha, Linsen
Thomas, Jordan Michelle
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Yan, Xinyu

MASTER OF SCIENCE

BUSINESS ADMINISTRATION

Cogar, Grant Steven
Gullickson, Andrew Jeffrey
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Roghanizad, Ali Reza
Williford, Alyssa Leigh
Zhang, Shumeng

COLLEGE OF ENGINEERING

MASTER OF ENGINEERING

AEROSPACE ENGINEERING

Wrobel, Daniel

CHEMICAL ENGINEERING

Chen, Han

COMPUTER ENGINEERING

Chava, Raja Venkata Satya Phanindra
Dhande, Omkar Shirish
Kakar, Vidur
Khamar, Devang
Kulkarni, Mihir Sagar
Kumthekar, Varun Milind
Malpani, Ashish Kailash
Pitale, Abhinuv Nitin
Ramachandra, Jagadish
Rambhakta, Pranavi
Shah, Rishi Jayesh
Shroff, Parth Siddharth
Vadakkan Purushotham, Raghunath

ELECTRICAL ENGINEERING

Cai, Yuting
Freeman, Alexander Benjamin
Li, You
Okafor, Jonathan O., Jr.
Rhodes, Corey Richard
Sreeram, Nirmala
Yu, Shuxiang

MATERIALS SCIENCE AND ENGINEERING

Bielitz, Robert Charles
Labitt, Alec Davis
Liang, Junjie

MECHANICAL ENGINEERING

Bogdan, Matthew Francis
Jones, Nathan Harris

MASTER OF SCIENCE

AEROSPACE ENGINEERING

Arora, Anuj
Brand, Jonathan Timothy
Cisneros, Jason Todd
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Edelmann, Stephen Willis
Ghosh, Mriganka Sekhar
Hom, Meagan Ann
Leingang, Adam Michael
Napiecek, Andrew Webster
Nikrant, Alex Warner
Ogorzalek, Jeremy Patrick
Pisharoti, Naina
Quickel, Reuben Alexander
Quinn, Ian Farley
Reisch, Brady Wallis
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Rocker, Samantha Nicole
Sibai, Munira
Sluss, Dillon Powell
Smith, Brandon Joseph
Voie, Ren Vox
Whiting, Nolan Wagner

BIOLOGICAL SYSTEMS ENGINEERING

Berg, Emily Katherine
Flick, Hunter James
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Hu, Yihuai
Lohneis, Taylor Paige
McCarthy, Mary Morgan
Solis, Suraye Rori

BIOMEDICAL ENGINEERING

Mottley, Carolyn Yvette
Norris, Caroline Nicole
Reiber, Teresa Marie
Wills, Lauren Raquel

CHEMICAL ENGINEERING

Zhang, Qiaoyi

CIVIL ENGINEERING

Abedi, Milad
Alsharari, Thamer Mubarak
Baldota, Divyang Pavan
Ballivian, Sergio Marlon
Bolte, Taylor Clark
Brilli, Nicola Carmine
Bullano, Jarrett Anthony
Chen, Jamie
Culp, Jeffrey Parker
Dejonghe, Amanda Irene
Dolinger, Joshua Dakota
Duran Esmeral, Alberto Javier
Ferby, Matthew Stephen
Flora, Matthew William
Garrison, Mark Dennis, Jr.
Gentile, Nicholas Anthony
Gil, Edward Matthew
Hajameeran, Alima Jafreen
Kennedy, Thomas John
Khadka, Bishal
Kokal, Michael Paul
Li, Shuang Jack
Li, Xiaoran
Lindley, Seth Michael
McBride, Christopher M.

Merin, Elizabeth Sarah
Mohammadian, Mehrshid
Najmeddine, Aimane
Patel, Jayraj Hemang
Rosenthal, Joshua Thomas
Scavone LaSalle, Martin
Schmitt, Zoe Kendall
Seo, Jungmin
Sheppard, Jaimie
Sim, Jay Won
Smith, Nyibe Cousins-Flythe
Someswara Korachar, Eshwari
Tarafdar, Sayantan
Thorpe, Andrew Carlyle
Wang, Zhen
Woodson, David
Yang, He
Ye, Evin
Zaveri, Bhavin Hitendrakumar
Zodpey, Soham Pravin

COMPUTER ENGINEERING

Berges, Paul Martin
Burrow, Ryan David
Cowden, Jason P.
Gaur, Yamini
Kathuria, Tarun
Ketchum, Devin Kyle
Malik, Akshat
Mathew, Ajit
Mysore Shamprasad, Shreyak
Nagabushan, Naresh
Odom, Jacob Henry
Pang, Yihan
Raghuraman, Shashank
Sen, Anamika Ashit
Stamenkovich, Joseph Allan
Tolley, Joseph Daniel
Vekhande, Swapnil Sudhir
Wang, Chenhao
Wang, Dong
Yang, Robin Sheng
Ye, Yuxian
Yellapantula, Sudha Ravali

COMPUTER SCIENCE AND APPLICATIONS

Ahmadian, Mansooreh
Baghudana, Ashish
Bhatia, Aabhas
Chandrasekar, Prashant
Chon, Jieun
Elgendi, Ehsan Sami Ismaiel Ali
Ghaffar, Talha
Goldman, Andrew Benjamin
Gupta, Aparna
Hsu, Alexander Sirui
Ilo, Cedrick K.
Jin, Yilong
Khawas, Prapti Prakash
Kumar, Abhinav
Liu, Weigang
Liu, Xuan
Manzoor, Hamza
Michael, Louis Guy, IV
Mulchandani, Deepika Kishore
Nachimuthu Nallasamy, Kanagaraj
Nadeem, Muhammad Hassan
Patil, Supritha Basavaraj
Patil, Suraj Satish
Ramesh, Shreyas
Sharma, Niti
Shetty, Shruti Krishna

Shetty, Sourabh
Southward, Joshua Stephen
Upadhy, Adithya Keshava Heroor
Xu, Xinfeng
Ying, Tiancheng
Zhang, Tong

ELECTRICAL ENGINEERING

Abraham, Sherin Ann
Chetlur Ravi, Vishnu Vardhan
Dimobi, Ikechukwu Samuel
Fletcher, Michael John
Jimenez, Jorge Gabriel
Jong, Owen
Kees, Joel Thomas
Kozy, Mark Alexander
Krishnan, Anaga
Lloyd, William Charles
Meyur, Rounak
Mohr, Hannah Dornath
Moses, Magdalena Louise
Patel, Heta Ajay
Rangwala, Murtaza Juzer
Ray, Taylor Joseph
Shrestha, Pratigya
Watt, Grace R.

ENGINEERING MECHANICS

Hall, Nathaniel Addison
Howes, Kayla Shianne
Shukla, Pranav
Wood, Harrison Grant

ENVIRONMENTAL ENGINEERING

Agioutanti, Eleftheria
Baldota, Divyang Pavan
Bhide, Shantanu Vidyadhar
Campolong, Cody James
Mapili, Kristine Irene Manzano
Wait, Kory David

INDUSTRIAL AND SYSTEMS ENGINEERING

Aggarwal, Manik
AlHaddad, Mohammed Omar
Bansode, Ashutosh Deepak
Chauhan, Abhimanyu
De Oliveira Faria, Nayara
Han, Wenjun
Hsing, Hsiang-Wen
Humayun, Mir Azeez
Jain, Shiven
Kothiyari, Akshat
Laratonda, Elliot
Lee, Youngjae
Makarh, Saibby Singh
Mehra, Saurabh
Mungad, Aditya Anil A.
Shah, Supan Nayan
Thaker, Ruchik Kashyapkumar
Wilson, Chelsea Danielle

MATERIALS SCIENCE AND ENGINEERING

Kidd, Michael Scott, Jr.
Surbey, Wyatt Redmond

MECHANICAL ENGINEERING

Boggs, George, IV
Boontanom, Jedhathai

Devine, Timothy Andrew
Donnelly, James Joseph
Garrabrant, Austin Joseph
Ge, Dayang
Ghosh, Arindam
Greczek, Brandyn Thomas
Hunde, Sena Aschalew
Oh, Tae Kyung
Qiu, Peiwen
Salian, Rachit Pravin
Sampathkumar, Shrihari
Silas, Kevin Alexander
Sohal, Shubhdildeep Singh
Song, Yan
Spies, Lucas Daniel
Subramanian, Chidambaram
Subramanian, Sathyanarayanan
Vanteddu, Teja
Wagner, Anthony Julian
Wang, Haosen
Wood, Evan A.
Zheng, Panni

MINING ENGINEERING

Baggett, Jonathan Gabriel
Jones, Alan Wayne, III
Monsalve Valencia, Juan Jose
Morrison, Ethan David

NUCLEAR ENGINEERING

Bartel, Jacob Benjamin
Chan, Ryan James

OCEAN ENGINEERING

Bay, Raymond James
Li, Jiahui
Roberts, Matthew Thomas
Snyder, Daniel Joseph
Stinson, Nicholas Taylor

SYSTEMS ENGINEERING

Doty, William Michael
Moorhead, Robert Carlton, III

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

MASTER OF ARTS

COMMUNICATION

DeChristopher, Mary Kaitlin
Fink, Blayne Kathryn
Hanks, Carlianne Lindsey
Liu, Yulong
McDaniel, Caitlin Christine
Mercer, David Lewis
Raboteau, Albert Jordy, III
Turner, Adam Chase
Wooten, Kelsey Dianne

ENGLISH

Chase, Bobbie Jo
Deiter, Katharina Rose
Dhamala, Roshani
Forbish, Katelyn Hope
Harjung, Anna Joy
Keyes, Devon Lamonte

Kurtzman, Elizabeth
Lunde, Mary Rose
Mack, Joseph Edward
Pang, Lydia Wei Ting
Roberts, Shelby Caroline
Rogers, Jessie Leigh
Saunders, Tyler Alexander
Sederstrom, Olivia Marie
Taylor, Christina Erin
Thomas, Zach Lee
Tiller, Samuel Perry

FOREIGN LANGUAGES, CULTURES, AND LITERATURES

Ciucci, Hajer
Escobar, Stacy Rae
Filkoski, Bailey Alina
Gonzalez Maldonado, Stephanie Montserrat
Scartelli, Nicole Patricia

HISTORY

Bolin, Nicholas John
Boyd, Taylor Rae
Gallagher, Jennifer Ann
Putnam, Marlee Love
Wesdock, Ryan Joseph
Wild, Emily Frances

MATERIAL CULTURE AND PUBLIC HUMANITIES

Bianchi, Emily N.
Cooper, Kelly
Tucker, Sarah

PHILOSOPHY

Blair, Jarrod Logan
Keith, Rachel Elizabeth
Tolbert, Alexander
Ulerie, Jodell Mathieu

POLITICAL SCIENCE

Baker, Nathen Michael
Bowling, James Randall
Camargo Palomino, Ana Maria
Eggleston, Julia Dale
Fallon, Jordan Keats
Garrett, Benjamin Troy
Johnson, Elizabeth Anne
Myers, Robert Clinton
Palermo, Rachel Elizabeth
Reaves, Jeff William
Ritterbusch, Jade N.
Schott, Benjamin Glen
Sherrod, Rebecca Jane
Tessmer, Michael Lane
Wheaton, Grace Claire
Work, Nicholas Christopher

MASTER OF ARTS IN EDUCATION

COUNSELOR EDUCATION

Adams, Molly Ann
Armentrout, Laura Reese
Christie, Tamara Seay
Cook, Callie Mikala
Crutchfield, Emily Warrington
Gowen, Nicholas David
Kimble, Bethany Shay
Line, Marsha Jackie
Morrisey, Louise-Marie Gertrude

Naghmi, Mehreen Fatima
Terpay, Viktor
Upton, Emilee Clara
Valero, Marisa Elena
Vandevveer, Erica Nicole
Warner, Margot Madlyn

CURRICULUM AND INSTRUCTION

Abbott, Rachel Morgan
Anderson, Marissa Ellen
Aylor, Rebecca Catherine
Baughan, Allison Rachel
Bendorf, Alissa Ann
Boutwell, Anna Brooke
Brummell, Laine Riley
Calhoun, Zachary Todd
Canonico, Shelby Martha
Castelli, Catheryn Anne
Chadwell, Alexis Paige
Chase, Bobbie Jo
Chen, Chuanhui
Childress, Sydney Chafin
Clayton, Callie Esperann
Conyers, Madison Lewis
Crawford, Katherine Alissa
Crow, Amy Katherine
Davis, Mackenzie Rae
de Castrique, Archie William
Fillis, Jessica Rae
Findley, Terry Lee
Fink, Savannah Danielle
Flegas, Christina Sophia
Flores Blandon, Catherine Margarita
Forrest, Jami Michelle
Fuller, Jordan Nicole
Gainer, Elaina Rose
Good, Christen Leigh
Greco, Caroline Catherine
Heflin, Emily Jackson
Heflin, Hayden Christian
Hill, Paul William
Hinton, Joshua Juan Brown
Hoffman, Alexandra Laura
Howard, Stephen Michael
Humphreys, Hanna Hope
Inge, Samuel David
Jones, Shannon Michelle
Jung, Paul Hyunwoo
Kruger, Nichol Lee
Krum, Kelsey Cheyenne
Lee, Maria Eunha
Lineberry, Ashton Adrianna
Lozier, Mattheos Psomiadis
Lunde, Mary Rose
Mack, Kelsey Alexandra
Marshall, Shannon M.
McIlvene, Gabriel Stonewall
McKeon, Jessica Leigh
McLaughlin, Kyle Ernest
Miller, Kenneth James Gerard
Miller, Rachel Elizabeth
Millner, Mary Michael
Mosier, Taylor Patrick
Moss, Margaret Augusta
Murphy, Rachel Aisling
O'Hern, Kelsey Helen
O'Toole, Danielle Dulaney
Ochoa, Michael Anthony
Ogundipe, Ganiat Omotola
Pangburn, Angela Rose
Peacock, April G.
Pence, Shelley Jean
Petras, Julia Anne
Pickett, Austin Alexander

Rad, Hannah Sue-Margaret
Rankin, Tyler David
Renner, Mark W.
Reyes, Stephen A.
Rhodus, Delaney Joan
Robinson, Vanessa Sarah
Sawyer, Jessica Beverly
Segerdahl, Adelaide Grace
Shafer, Maximilian Drake
Sickinger, Anna Christine
Souders, Brooke Denim
Spetalnik, Jonathan Michael Herbert
Stone, Andrew Bryan
Strohmingier, Lynsey Noel
Thielen, Elizabeth Donna LeRoux
Thompson, Paul Hunter
Vasquez, Carla Guadalupe
Walsh, Katie Jean
Wilkinson, Anne Warren
Williams, Madlyn Kaye
Windley, Tara Lynn
Womble, Daniel C.
Zhu, Xiao
Quarles, Kregg D.

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

Clark, Shannon Anthony
Neal, Robert Gus, IV

HIGHER EDUCATION AND STUDENT AFFAIRS

Asbury, Taryn Elizabeth
Castle, Laura Elizabeth
Droste, Tyler Graf
Farthing, Maggie Mae
Garner, Jacob Andrew
Hackett, Zellie Lorraine
O'Farrell, Abbey Alyse
Printz, Allison L.
Scott, Jaquan Da'Mont
Thomas, Jacquelyn Remy
Weber, Karen M.
Wheatley, Angelina May

MASTER OF FINE ARTS

CREATIVE WRITING

Cohen, Tali Sharon
Glasson-Darling, Meredith Elane
Jernegan, Leslie Erin
Kennedy, Daniel Peter
Koch, Devin Harold
Melling, Daniel Richard
Mitchell Reford, Lotte Maxine Agnes
Wilson, Christopher

THEATRE ARTS

Davis, Caroline Garrison
Jones, Olivia Ken-Lee
Perez Vera, Violeta Estefania
Piazza, Gabrielle Elizabeth
Upthegrove, John Tanner

MASTER OF SCIENCE

HUMAN DEVELOPMENT

Mcgregor, Casey Marie

SCIENCE AND TECHNOLOGY STUDIES

Herdegen, Hanna J.

SOCIOLOGY

Becchetti, Amanda Lee
Drewry, Holli G.
Lloyd, Jonathan Andrew
Raj, Anamika
Scaptura, Maria Nicole

MASTER OF SCIENCE IN EDUCATION

CAREER AND TECHNICAL EDUCATION

Daney, Elizabeth Creswell
Garland, Elizabeth Cummings
Goodson, Hannah Lynette
Hand, Lucy
Johnson, Kaitlin Michele
McCormick, Angela Renee
Mitchell, Anna Catherine
Richardson, Taylor Catherine

COLLEGE OF NATURAL RESOURCES & ENVIRONMENT

MASTER OF FORESTRY

Garren, Austin Mack
Thompson, Brooke Nacole

MASTER OF NATURAL RESOURCES

NATURAL RESOURCES

Bata, Casey Marie
Dampier, Neil Hugh
Hall, Curtis Sherwood, III

MASTER OF SCIENCE

FISHERIES AND WILDLIFE

Button, Sky Terryn Christopher
Medley, Sarah E.
Phipps, Andrew Thomas
Weithman, Chelsea E.

FORESTRY AND FOREST PRODUCTS

Cianciolo, Thomas Raymond
Erwin, Elizabeth G.
Fallas Valverde, Paula Daniela
Lee, Hannah Garrett
Mahendra, Rienzy Ayeshan Rangajeewa
Morrissette, Steven Michael
Pratson, Daniel Francis
Stewart, Peter William
Stutesman, Jonathan Harley
Wilkens, Philadelphia
Wykle, Cody James

GEOGRAPHY

Geffroy, Damien Stephane
Lawrence, Nathaniel Jo-Walker
Morrow, James Jowdy
Starner, Joshua D.
Stevenson, Megan Nicole
Summers, Kelly Hope
Telionis, Pyrros A.
Updike, Aaron Jeffrey
Villarreal, Mark David
Warda, Veronica Jean
White, Helen Marie

COLLEGE OF SCIENCE

MASTER OF ARTS

ECONOMICS

Jiang, He

MASTER OF ARTS IN DATA ANALYSIS AND APPLIED STATISTICS

Flannery, Nicholas M.
Zhao, Yuxin

MASTER OF SCIENCE

BIOLOGICAL SCIENCES

Lehner, Bryan W.
McElmurray, Philip Edward
O'Donnell, Brynn Marie
Power, Sarah Nicole
Rosales, Adam Joseph

CHEMISTRY

Shaikh, Shaunak Mehboob

GEOSCIENCES

Bauer, McNeill John
Koeller, Krista Leslie Marie
Krueger, Kathryn Marie
Law, Stacey E.
Rasmussen, Tyler Wyatt
Whalen, William Taylor
Wiersma, Codi Allen

MATHEMATICS

Grigorian, Zachary
Macatula, Romcholo Yulo
Meghaichi, Haroun
Muriello, Samuel Forest Mirabella
Rojina, Nicholas R.
Winter, William M.

PHYSICS

Romero III, Ralph

PSYCHOLOGY

Tankersley, Amelia Prieur

STATISTICS

Chandrasekharan, Shreya
Porter, Erica May
Wang, Xiangwen

THE VIRGINIA-MARYLAND COLLEGE OF VETERINARY MEDICINE

MASTER OF PUBLIC HEALTH

PUBLIC HEALTH

Allanson, Dylan Douglas
Black, Steven David
Borowski, Shelby Catherine
Carney, Shannon Kelly
Culver, William Ross, III

Davis, Arin Marie
Dodd, Lauren Elizabeth
Guzman-Sanchez, Marielis
Henry, Lindsey Mae
Holsinger, Taylor Lynne
Joyce, Jonathan David
McGaw, Micaela Lee
Meeks, Emily Jordan
Murray, Madeline Louise
Oishi, Travis Ka'imipono Katsumi
Prado-Sanchez, Eymarie
Ragsdale, Margaret Layne
Raymond, Cassandra Jewel
Septer, Kayla
Smith, Madison Jayde
Terry, Alexis Nicole
Van Derdys, Valeria
Vander Molen, Lindsay Taylor
York, Elizabeth Martha
Zamanali, Neeki

MASTER OF SCIENCE

BIOMEDICAL & VETERINARY SCIENCES

Dodd, Lauren Elizabeth
Enders, Andrew Michael
Garcia, Cheslymar
Khatibzadeh, Sarah M.
Shinn, Richard Levon
Wilkinson, Ashley Rene

INTERDISCIPLINARY DEGREES

MASTER OF INFORMATION TECHNOLOGY

Alexander, Antonio Dajon
Alvarez, Fernando Ustariz, Jr.
Amin, Tasrin Tasmia
An, Chong Hun
Anchan, Joshna
Arellano, Aaron
Attobrah, Albert Tikwa
Balasubramanian, Shriram
Bataglio, Charles John, Jr.
Begarek, Justin Thomas
Belew, Timothy H.
Berry, Samuel Cody
Blake, Ronald Bruce
Bond, Joshua Andrew
Borkowski, Dominik L.
Chowdhury, Sonia Sohani
Devito, Mark
DiBartolomeo, Frank Nmi
Doleba, Charles Walter, III
Dooley, Sandra Kaye
Doughty, Lee
Fox, Albert Patrick
Gadh, Sukhpreet Kaur
Gilbert, Dustin James
Gupta, Swati
Hale, Sean Wesley
Heath, James William, Jr.
Heberling, Bryan Michael
Hill, Christina Marie
Johnson, Steven Nathaniel
Juell, Megan Lindsey
Kenny, William
Lambeth, Nathan Wesley
Larson, Timothy Dean
Maximov, Alexander A.
McGrath, Christopher Vincent
McLaren, Craig Andrew

Merisier, Katline
Missar, Gregory Richard
Mori, Kenji
Nguyen, Khanh Duy
Osman, Ahmed H.
Palmer, Scott Thomas
Parrish, Michael Andrew
Perry, Elan Samuel
Rajagopalan, Shankar
Rice, David Andrew
Ruble, Charles Lee
Schillawski, Aaron D.
Schmidtke, Jaime Jonathan
Scudera, Benjamin Peter
Serr, Matthew Todd
Single, Christopher Eric
Smith, Michael James
Song, Hye Rin
Subramony, Venketesh
Walters, Joseph Fiuza
Watson, Luke A.
Webb, Cari Dalisa
West, Paul R.
Williams, Belinda Agyare
Wood, Cecelia Marie
Yaduguri, Sreenivasa Reddy

GRADUATE CERTIFICATES

BUSINESS ANALYTICS AND DATA MINING

Rajbhandari, Beryl

DATA ANALYTICS

Fu, Yucheng

ECONOMIC DEVELOPMENT

Dean, Morgan Grey
Martin, Emma Taylor

EDUCATIONAL RESEARCH

LaCroix, Tiffany J.
Li, Dan
Robino, Ariann E.
Zwanch, Karen Virginia

ENVIRONMENTAL POLITICS AND POLICY

Black, Steven David
Camargo Palomino, Ana Maria

FUTURE PROFESSORIATE

Augustine, Ben Chapman
Donnelly, Sarah Rebecca
Eldosouky Mahmoud Salama, Abdelrahman A.
Hadden, Whitney T.
Jernegan, Leslie Erin
Korneisel, Dana Elaine
Mantilla Pena, Carlos Fernando
McCusker, Maureen E.
Means, Jackson C.
Moayerian, Neda
Mokhlespour Esfahani, Mohammad Iman
Netto, Brett Raymond
Plummer, Sarah E.
Shi, Ruoding
Steele, Cortney N.
Ulmer, Kristen Jane

GEOSPATIAL INFORMATION TECHNOLOGY

Geffroy, Damien Stephane
Hammes, Joshua Ross
Henry, Lindsey Mae
Suggs, Jessica Marie
Warda, Veronica Jean
Weng, Weizhe

GERONTOLOGY

Naar, Jill Juris
Ragsdale, Margaret Layne
Renner, Kristen Elizabeth
Zhao, Yuxin

GLOBAL PLANNING AND INTERNATIONAL DEVELOPMENT STUDIES

Black, Steven David
Lua, Kian Loong
Septer, Kayla
Summers, Kelly Hope
Zamanali, Neeki

GLOBAL SUSTAINABILITY

Hitcho, Anneliese K.

HUMAN-CENTERED DESIGN

Miranda Mouchrek, Najla

HUMAN-COMPUTER INTERACTIONS

Behzad Behbahani, Armaghan
Holla Hosakoppa Sukumar, Subhash
Hsing, Hsiang-Wen

INFORMATION SECURITY AND ANALYTICS

Amin, Tasrin Tasmia
Hale, Sean Wesley
Kobezak, Amy Tunison
Schillawski, Aaron D.

INFORMATION TECHNOLOGY MANAGEMENT

Chowdhury, Sonia Sohani
Schillawski, Aaron D.
Webb, Cari Dalisa

INTEGRATIVE STEM EDUCATION

Ogundipe, Ganiat Omotola

LOCAL GOVERNMENT MANAGEMENT

Farmer, James Clinton
Jones, Akai Shelise
Preussner, Jessi L.

MATERIAL CULTURE AND PUBLIC HUMANITIES

Croker, Trevor D.

NATURAL RESOURCES

Hammes, Joshua Ross

NONPROFIT AND NONGOVERNMENTAL ORGANIZATION MANAGEMENT

Callanaupa Huarhua, Jenny
Dowell, Lehi
Moayerian, Neda
Zaarour, Khodr M.

PUBLIC HISTORY

Wells, Elizabeth Naomi

RESEARCH IN TRANSLATIONAL MEDICINE

Campbell, Ransom Whitaker

SECURITY STUDIES

Ritterbusch, Jade N.

SOFTWARE DEVELOPMENT

Bian, Chengzhen
Cokus, Cynthia Cameron
Doughty, Lee
Eisenberg, David
Juell, Megan Lindsey
Keswani, Ramesh Doulat
Osman, Ahmed H.
Parrish, Michael Andrew
Smith, Colin
Storck, Michael Henry
Valentine, Craig Thomas
West, Paul R.

TRANSPORTATION SYSTEMS ENGINEERING

Patel, Dhruvkumar Rajeshkumar