

SPRING 2021



THE GRADUATE SCHOOL
Dean Karen P. DePauw

DOCTOR OF PHILOSOPHY

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

AGRICULTURAL AND EXTENSION EDUCATION

Kuri, Subrato Kumar
Exploring Teaching Practices of the
Agricultural Education at Bangladesh
Agricultural University (BAU)
Committee Chair: Prof. K. A. Vines

ANIMAL AND POULTRY SCIENCES

Cao, Chang
Hypothalamic Mechanisms of Appetite
Regulation Involve Stress Response and
Epigenetic Modification
Committee Chair: Prof. M. A. Cline

Davis, Ty Chapman
Strategies to Improve Reproductive
Efficiency in Cattle with Dietary
Intervention
Committee Chair: Prof. R. White

Gleason, Claire Burke
Improving the Understanding of Factors
Driving Rumen Fermentation
Committee Chair: Prof. R. White

White, Mallory Beth
In Ovo and Feed Application of Probiotics
or Synbiotics and Response of Broiler
Chicks to Post-hatch Necrotic Enteritis
Committee Chair: Prof. R. A. Dalloul

BIOCHEMISTRY

Eilerts, Diane Francine
Biological Rhythms in *Aedes Aegypti*
Mosquitoes
Committee Chair: Prof. C. Vinauger Tella

Salsbury, Alexa Marie
Exploring the Forces Underlying the
Dynamics and Energetics of G-quadruplexes
with Polarizable Molecular Dynamics
Simulations
Committee Chair: Prof. J. A. Lemkul

Valentino, Hannah Rachel
Flavin-dependent Enzymes in Natural
Product Biosynthesis
Committee Chair: Prof. P. Sobrado

ECONOMICS

Kesiz Abnoui, Vartan
Modern Econometric Methods for the
Analysis of Housing Markets
Committee Chair: Prof. K. Moeltner

ENTOMOLOGY

Britt, Kadie Elizabeth
Insect Pest Management in Hemp in
Virginia
Committee Chair: Prof. T. P. Kuhar

Catron, Katlyn Amos
Biology of *Chauliognathus* spp. (Coleoptera:
Cantharidae) in Virginia Agroecosystems
Committee Chair: Prof. T. P. Kuhar

Hadden, Whitney Taylor
Habitat and Host Plant Effects on the
Seasonal Abundance of *Halyomorpha halys*
(Hemiptera: Pentatomidae) Among Fruit
Orchards in Northern Virginia
Committee Chair: Prof. J. C. Bergh and Prof. T. C.
Leskey

Masri, Reem Abed
Chromosome and Genome Evolution in
Culicinae Mosquitoes
Committee Chair: Prof. M. V. Sharakhova

FOOD SCIENCE AND TECHNOLOGY

Hurley, Eldon Kenneth
Modification of Fermentation by Exogenous
Energy Input
Committee Chair: Prof. R. C. Williams

Vieira Carneiro, Renata Caroline
Sensory and Consumer Studies As a Guide
for Edamame Development and Production
in the U.S.
Committee Chair: Prof. S. E. Duncan and Prof. S. F.
O'Keefe

HORTICULTURE

Kiremit, Merve
Bacterial Fruit Blotch Disease of Cucurbits
Committee Chair: Prof. G. E. Welbaum

Liu, Danyang
Evaluation of Anaerobic Soil Disinfestation
Using Brewers Spent Grain and Yeast
Inoculation in Annual Hill Plasticulture
Strawberry Production
Committee Chair: Prof. J. B. Samtani

HUMAN NUTRITION, FOODS AND EXERCISE

Fausnacht, Anna Gustafson
Human Behavior and Community Science
Committee Chair: Prof. V. E. Hedrick

Jaskowak, Daniel Joseph
The Use of Trunk-Mounted Accelerometers

for Neurmuscular Testing in Collegiate
Women's Soccer
Committee Chair: Prof. J. H. Williams

Lewis, Marc Theron
Athlete Monitoring in American Collegiate
Football
Committee Chair: Prof. J. H. Williams

PLANT PATHOLOGY, PHYSIOLOGY AND WEED SCIENCE

Brewer, John Richard
Optimizing Topramezone and Other
Herbicide Programs for Weed Control in
Bermudagrass and Creeping Bentgrass Turf
Committee Chair: Prof. S. D. Askew

Craft, Jordan Michael
Factors Governing Zoysiagrass Response to
Herbicides Applied During Spring Green-up
Committee Chair: Prof. S. D. Askew

Garcia Gonzalez, Jose Francisco
Investigating Management Alternatives for
Southern Blight on Vegetables in the mid-
Atlantic United States
Committee Chair: Prof. S. L. Rideout and Prof. D.
B. Langston, Jr.

Greene, Wykle Cleavon
Evaluation of Florpyrauxifen-benzyl for Use
in Pastures and Hayfields
Committee Chair: Prof. M. L. Flessner

Kaur, Navjot
Genotypic Characterization and Fungicide
Resistance Monitoring for Virginia
Populations of *Parastagonospora nodorum* in
Wheat
Committee Chair: Prof. D. C. Haak

Lakoba, Vasily Tarasovich
Ecotypic Variation in Johnsongrass In Its
Invaded U.S. Range
Committee Chair: Prof. J. Barney

Pack, Erica Danielle
Zearalenone Contamination in Swine Feed
and the Effects on Reproductive Health
Committee Chair: Prof. R. De Vita and Prof. D. G.
Schmale III

Wei, Xing
Management of Stem Rot of Peanut Using
Optical Sensors, Machine Learning, and
Fungicides
Committee Chair: Prof. D. B. Langston, Jr. and
Prof. S. Li

Lee, Hana
A Collective Sense of Place and the Image
of the City @ Urban Public Spaces
Committee Chair: Prof. M. Kim

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

Terim, Berrin
Filarete's Body: Unpacking the Pregnancy
Analogy in the Renaissance Patronage
Context
Committee Chair: Prof. P. F. Emmons

COLLEGE OF ARCHITECTURE AND URBAN STUDIES

ARCHITECTURE AND DESIGN RESEARCH

Bogis, Abdulmueen Mohammed
Ecological and Aesthetic Factors
Preferences of Urban Riparian Corridor in
Arid Regions: A Visual Choice Experiment
Committee Chair: Prof. D. R. Bork and Prof. M.
Kim

Fateminasab, Seyedreza
A Framework for Simultaneously
Addressing Qualitative and Quantitative
Decision-making Criteria During the Early
Stages of the Design Process
Committee Chair: Prof. J. R. Jones

Green, Tuwanda Lee
Healthy by Design: Development of a
Biophilia Design Decision Framework
Committee Chair: Prof. J. R. Jones

ENVIRONMENTAL DESIGN AND PLANNING

Barnes, Andrew Floyd
Instructional Video Object-Based Learning
in a Flipped Construction Management
Classroom
Committee Chair: Prof. A. P. McCoy

Jeddi Yeganeh, Armin
Pathways to Sustainable Housing
Committee Chair: Prof. A. P. McCoy

Shealy, Elizabeth Carlisle
Designing Outdoor Spaces to Support Older
Adult Dog Walkers: A Multi-method
Approach to Identify and Prioritize Features
in the Built Environment
Committee Chair: Prof. A. R. Pearce

PLANNING, GOVERNANCE, AND GLOBALIZATION

Boggs-Parker, Carmen Elana
Meeting the Self and the Other: Intercultural
Learning During a Faculty-led Short-term
Service-Learning Course to Belize
Committee Chair: Prof. M. O. Stephenson, Jr.

Jasper, Marc William
Prisoner Release as Conflict Management
Committee Chair: Prof. J. Peters

Montgomery, Cheryl Lynn
Imagining Community Otherwise: Black
Women's Narratives of Race Place and
Power in the Southern United States
Committee Chair: Prof. M. O. Stephenson, Jr.

Young, Arica Nicole
Social Capital in Cohousing: Understanding
How One Community Builds Ties
Committee Chair: Prof. R. Buehler

PUBLIC ADMINISTRATION/ PUBLIC AFFAIRS

Moore, John David
Making Sense of Networks: Exploring How
Network Participants Understand and Use
Information From Social Network Analysis
Committee Chair: Prof. M. O. Stephenson, Jr. and
Prof. R. H. Lemaire

Nguyen, Thi Hong Nhung
Impact of Human Resource Management on
Federal Employees' Positive Attitudes and
Behaviors
Committee Chair: Prof. M. M. Dull

PAMPLIN COLLEGE OF BUSINESS

BUSINESS, ACCOUNTING AND INFORMATION SYSTEMS

Du Pon, Adam Watanabe
Competition, Cost Analytics, and Contrarian
Strategies: Pressures and Opportunities on
the Fraud Triangle
Committee Chair: Prof. R. H. Davidson

Truelson, Jonathan Michael Terry
Private-Client Industry Specialization and
Public-Client Audit Quality
Committee Chair: Prof. L. L. Lisic

BUSINESS, EXECUTIVE BUSINESS RESEARCH

Ampofo, Akwasi Amankwaah
Two Essays on Capital Structure Decisions
of the Firm: An Empirical Analysis of the
Impact of Managerial Entrenchment and
Ethical Corporate Citizenship
Committee Chair: Prof. R. Barkhi

Tuskey, Sarah Elizabeth
Identity at Work
Committee Chair: Prof. W. J. Becker

BUSINESS, HOSPITALITY AND TOURISM MANAGEMENT

Dallinger, Ioana
An Experimental Investigation Into the
Timing of Service Failure Communication
Committee Chair: Prof. N. G. McGehee

Shin, Seunghun
Three Essays on Contextual Effects in
Traveler's Use of Online Reviews
Committee Chair: Prof. Z. Xiang

COLLEGE OF ENGINEERING

AEROSPACE ENGINEERING

Angarita, John Edward
Black-box System Identification and Fault
Detection of Quadrotors
Committee Chair: Prof. J. T. Black

Masti, Robert Leo
The Effect of Anomalous Resistivity on the
Electrothermal Instability
Committee Chair: Prof. B. Srinivasan

Michelen Strofer, Carlos Alejandro
Machine Learning and Field Inversion
Approaches to Data-Driven Turbulence
Modeling
Committee Chair: Prof. H. Xiao

Parsons, Mark Allen
Network-Based Naval Ship Distributed
System Design and Mission Effectiveness
Assessment Using Dynamic Architecture
Flow Optimization
Committee Chair: Prof. A. J. Brown

Povolny, Stefan Jean-Rene
Investigating the Thermo-Mechanical
Behavior of Highly Porous Ultra-High
Temperature Ceramics Using a Multiscale
Quasi-Static Material Point Method
Committee Chair: Prof. G. D. Seidel

Rathod, Chirag Sanjay
Examining Plasma Instabilities as
Ionospheric Turbulence Generation
Mechanisms Using Pseudo-Spectral
Methods
Committee Chair: Prof. W. A. Scales and Prof. B.
Srinivasan

Skamangas, Emmanuel Epaminondas
New Optimal-Control-Based Techniques for
Midcourse Guidance of Gun-Launched
Guided Projectiles
Committee Chair: Prof. C. A. Woolsey and Prof. J.
T. Black

Wall, Dylan Joseph
Anisotropic Turbulence Modeling of Wakes
in an Active Ocean
Committee Chair: Prof. E. G. Paterson

Wang, Hongyu
Discretization Error Estimation Using the
Error Transport Equations for CFD
Simulations
Committee Chair: Prof. C. J. Roy

BIOLOGICAL SYSTEMS ENGINEERING

Scherr, David Michael
Rapid High-Throughput Screening Methods
for Monitoring Electron Transfer Reactions
in Biological Systems and Microalgae
Phenotyping
Committee Chair: Prof. R. S. Senger

BIOMEDICAL ENGINEERING

Aviles, Jessica
From Lab to the Outdoors: Understanding
Amputee Gait on Realistic Environments
Committee Chair: Prof. M. L. Madigan

Kieffer, Emily Elana
Sex-Specific Head Impact Exposure in
Rugby: Measurement Considerations and
Relationships to Clinical Outcomes
Committee Chair: Prof. S. Rowson, Jr.

Lorenzo, Melvin Florencio
Advancements in the Treatment of
Malignant Gliomas and Other Intracranial
Disorders With Electroporation-Based
Therapies

Committee Chair: Prof. R. V. Davalos

Rezvani, Sabah Nader
Novel Preclinical Approaches to the
Understanding and Treatment of Achilles
Tendinopathy

Committee Chair: Prof. V. M. Wang

Riexinger, Luke E.
Residual Crashes and Injured Occupants
with Lane Departure Prevention Systems

Committee Chair: Prof. W. N. Hardy

Wusk, Grace Caroline
Psychophysiological Monitoring of Crew
State for Extravehicular Activity

Committee Chair: Prof. A. A. Weaver

CHEMICAL ENGINEERING

Boyce, Kennedy Rose
Modeling Fiber Orientation Using Empirical
Parameters Obtained from Non-Lubricated
Squeeze Flow for Injection Molded Long
Carbon Fiber Reinforced Nylon 6,6

Committee Chair: Prof. D. G. Baird

Chen, Han
Experimental Adsorption and Reaction
Studies on Transition Metal Oxides
Compared to DFT Simulations

Committee Chair: Prof. D. F. Cox

Naler, Lynette Brigitte
Epigenomic and Transcriptomic Changes in
the Onset of Disease

Committee Chair: Prof. C. Lu

Zhang, Xiwen
Structure Sensitivity of Alkanes
Hydrogenolysis & Alkynes Hydrogenation
on Supported Ir Catalysts

Committee Chair: Prof. A. M. Karim

CIVIL ENGINEERING

Alazmi, Asmaa Salem
Develop Empirical Models of Particulate
Air Pollution in a Rural Appalachian
Community

Committee Chair: Prof. H. A. Rakha and Prof. S. C.
Hankey, Jr.

Amarh, Eugene Annan
Quantifying the Service Life and Potential
Environmental Benefits of Asphalt
Pavement Recycling

Committee Chair: Prof. G. W. Flintsch

Bahrampouri, Mahdi
Improving the Quantification of
Uncertainties Necessary for Conducting
Partially Non-ergodic PSHA

Committee Chair: Prof. A. Rodriguez-Marek

Devine, Christina Laura
Effects of Scale Reduction Technologies
and Chemical Inhibitors on Calcium
Precipitation in Premise Plumbing Systems

Committee Chair: Prof. M. A. Edwards

Huang, Qishen
Raman and Surface-Enhanced Raman
Spectroscopy Imaging of Droplets:
Characterization and Environmental
Implications

Committee Chair: Prof. P. J. Vikesland

Kim, Bumsik
Modeling Automated Vehicles and
Connected Automated Vehicles on
Highways

Committee Chair: Prof. K. P. Heaslip II

Lee, Michael
Rapid Prediction of Tsunamis and Storm
Surges Using Machine Learning
Committee Chair: Prof. J. L. Irish

Parker, Emily Ann
Designing Smarter Stormwater Systems at
Multiple Scales with Transit Time
Distribution Theory and Real-Time Control
Committee Chair: Prof. S. Grant

Santizo, Katherine Yoana
Attenuation and Mixing of Upwelling
Groundwater Contaminants in the
Hyporheic Zone
Committee Chair: Prof. E. T. Hester

Shrestha, Shivesh
Incorporation of the Traffic Speed
Deflectometer Measurements Into a
Pavement Management System
Committee Chair: Prof. G. W. Flintsch

COMPUTER ENGINEERING

Arun, Balaji
Scalable Byzantine State Machine
Replication: Designs, Techniques and
Implementations
Committee Chair: Prof. B. Ravindran

Chen, Cong
High-Dimensional Generative Models for
3D Perception
Committee Chair: Prof. A. L. Abbott

Elouni, Maha
Traffic Flow and Speed Control on Large
Scale Network with Geographical Self
Organizing Maps (Geo-SOM) Clustering
Algorithm
Committee Chair: Prof. H. A. Rakha

Hassan, Mohamed Wasfy Abdelfattah
Using Workload Characterization to Guide
High-Performance Graph Processing
Committee Chair: Prof. P. M. Athanas

Mayalu, Alfred Kulua
Beyond LiDAR for Unmanned Aerial
Navigation in GPS Denied Environments
Committee Chair: Prof. K. B. Kochersberger

Tolley, Joseph Daniel
Security, Authenticity, and Trust
Application and Analysis for Spectrum
Access Systems
Committee Chair: Prof. C. B. Dietrich, Jr. and Prof.
C. D. Patterson

Wang, Congchao
Automated Tracking of Mouse
Embryogenesis from Large-scale
Fluorescence Microscopy Data
Committee Chair: Prof. G. Yu

Wang, Yinxue
Automated Tracking and Motility Analysis
of Motile Oligodendrocyte Precursor Cells
(OPCs) from Time-Lapse Microscopic
Imaging Data of Cell Mixture in vivo
Committee Chair: Prof. G. Yu

Yu, Kevin Li
Coverage Planning for Unmanned Aerial
Vehicles
Committee Chair: Prof. R. K. Williams and Prof. P.
Tokekar

COMPUTER SCIENCE AND APPLICATIONS

An, Kijin
The Client Insourcing Refactoring to
Facilitate the Re-engineering of Web-Based
Applications
Committee Chair: Prof. E. Tilevich

Chandrasekar, Prashant
Continuously Extensible Information
Systems: Extending the 5S Framework by
Integrating UX and Workflows
Committee Chair: Prof. E. A. Fox

Dahshan, Mai Mansour Soliman Ismail
Visual Analytics for High Dimensional
Simulation Ensembles
Committee Chair: Prof. C. L. North and Prof. N. F.
Polys

Dantas Cruz, Breno
Promoting Systematic Practices for
Designing and Developing Edge Computing
Applications via Middleware Abstractions
and Performance Estimation
Committee Chair: Prof. E. Tilevich

Dasgupta, Archi
Rethinking Smart Home Design Framework
Through Amalgamation of Architectural and
Technological Aspects
Committee Chair: Prof. D. Gracanin

Fu, Kaiqun
Spatiotemporal Event Forecasting and
Analysis with Urban Data
Committee Chair: Prof. C. Lu

Kotut, Lindah Jerop
Amplifying the Griot: Technology for
Preserving, Retelling, and Supporting
Underrepresented Stories
Committee Chair: Prof. D. S. McCrickard

Liu, Yin
Methodologies, Techniques, and Tools for
Understanding and Managing Sensitive
Program Information
Committee Chair: Prof. E. Tilevich

Lu, Yen-Cheng
Multi-type Outlier Detection Techniques
and Applications
Committee Chair: Prof. C. Lu

Mehta, Sneha
New Methods for Event Detection and
Extraction
Committee Chair: Prof. N. Ramakrishnan

Muthiah, Sathappan
Design and Maintenance of Event
Forecasting Systems
Committee Chair: Prof. N. Ramakrishnan

Oh, Min
Deep Learning for Enhancing Precision
Medicine
Committee Chair: Prof. L. Zhang

Tao, Rongrong
Anomalous Information Detection in Social
Media
Committee Chair: Prof. N. Ramakrishnan

Yao, Sirui
Evaluating, Understanding, and Mitigating
Unfairness in Recommender Systems
Committee Chair: Prof. N. Ramakrishnan and Prof.
B. Huang

ELECTRICAL ENGINEERING

Bai, Kang Jun
Moving Toward Intelligence: A Hybrid
Neural Computing Architecture for Machine
Intelligence Applications
Committee Chair: Prof. Y. Yi

Barik, Tapas Kumar
Modern Adaptive Protection and Control
Techniques for Enhancing Distribution Grid
Resiliency
Committee Chair: Prof. V. A. Centeno

Chakraborty, Shibaji
Characterization and Modeling of Solar
Flare Effects in the Ionosphere Observed by
HF Instruments
Committee Chair: Prof. J. M. Ruohoniemi and Prof.
J. B. Baker

Dayanikli, Gokcen Yilmaz
Intentional Electromagnetic Interference
Attacks on Cyber-Physical Systems: Theory,
Demonstration, and Defense
Committee Chair: Prof. R. M. Gerdes

Jiang, Shan
Multimaterial Multifunctional Fibers for
Biomedical Applications
Committee Chair: Prof. X. Jia

Kozak, Joseph Peter
Hard Switched Robustness of Wide
Bandgap Power Semiconductor Devices
Committee Chair: Prof. K. D. Ngo and Prof. Y.
Zhang

Li, Virginia
Control and Modeling of High-Frequency
Voltage Regulator for Microprocessor
Application
Committee Chair: Prof. Q. Li

Liu, Jinshan
Secure and Reliable Deep Learning in
Signal Processing
Committee Chair: Prof. J. Park

Ramdasalli, Sneha Raj
An Expert-based Approach for Grid Peak
Demand Curtailment Using HVAC
Thermostat Setpoint Interventions in
Commercial Buildings
Committee Chair: Prof. S. Rahman

Singh, Manish Kumar
Analysis, Optimization, and Learning for
Energy Networks
Committee Chair: Prof. V. Kekatos

Song, Hao
Swarm Unmanned Aerial Vehicle Networks
in Wireless Communications: Routing
Protocol, Multicast, and Data Exchange
Committee Chair: Prof. L. Liu

Sun, Keyao
Protection, Control, and Auxiliary Power of
Medium-Voltage High-Frequency SiC
Devices
Committee Chair: Prof. D. Boroyevich and Prof. R.
Burgos

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

White, Natalie Beitel
Dynamic Electrical Responses of Biological
Cells and Tissue to Low- and High-
Frequency Irreversible Electroporation
Waveforms
Committee Chair: Prof. R. V. Davalos and Prof. X.
Jia

Wu, Chiung Ting
Machine Learning Approaches for Modeling
and Correction of Confounding Effects in
Complex Biological Data
Committee Chair: Prof. Y. J. Wang

Xu, Yue
Insulation Design, Assessment and
Monitoring Methods to Eliminate Partial
Discharge in SiC-based Medium Voltage
Converters
Committee Chair: Prof. D. Boroyevich

Yu, Oscar Nando
High Voltage Synchronous Rectifier Design
Considerations
Committee Chair: Prof. J. S. Lai

Zhang, Qianqian
Machine Learning for Millimeter Wave
Wireless Systems: Network Design and
Optimization
Committee Chair: Prof. W. Saad

ENGINEERING EDUCATION

Boyd-Sinkler, Karis Elisabeth
Exploring the Interpersonal Relationships of
Black Men in Undergraduate Engineering
Programs
Committee Chair: Prof. W. C. Lee, Jr.

Hall, Janice Leshay
Disaggregating the Monolith: A Case Study
on Varied Engineering Career Orientations
and Strategies of Black Women in Tech
Committee Chair: Prof. W. C. Lee, Jr.

Perry, Logan Andrew
A Multi-Case Study on the Transfer of
Engineering Learning Between Capstone
and Work
Committee Chair: Prof. J. S. London

ENGINEERING MECHANICS

Fu, Gen
Full Field Reconstruction Enhanced with
Operational Modal Analysis and
Compressive Sensing for General Dynamic
Loading
Committee Chair: Prof. A. Untaroiu

Huntington, Alyssa Joan
Vaginal Contractility: Mechanical and
Structural Characterization
Committee Chair: Prof. R. De Vita

Vaidya, Kedar Sanjay
Semi-analytical Model to Study Vibrations
of High-speed, Rotating Axisymmetric
Bodies Coupled to Other Rotating/stationary
Structures
Committee Chair: Prof. R. G. Parker

Yuan, Lisha
Optimum First Failure Loads of Sandwich
Plates/Shells and Vibrations of
Incompressible Material Plates
Committee Chair: Prof. R. C. Batra

INDUSTRIAL AND SYSTEMS ENGINEERING

Anderson, Robert Blake
Routing and Control of Unmanned Aerial
Vehicles for Performing Contact-Based
Tasks
Committee Chair: Prof. A. L'Afflitto

El Hajj, Hussein Mohammad
Robust and Equitable Public Health
Screening Strategies, with Application to
Genetic and Infectious Diseases
Committee Chair: Prof. E. K. Bish and Prof. D. R.
Bish

Khalili, Nastaran
Analysis of Information Diffusion Through
Social Media
Committee Chair: Prof. N. Ghaffarzadegan

Singh, Manjot
Sensor-based Characterization and Control
of Additive Biomanufacturing Processes
Committee Chair: Prof. B. Johnson

Tong, Yuxin
Multi-material Non-planar Additive
Manufacturing for Conformal Electronics on
Curvilinear Surfaces
Committee Chair: Prof. B. Johnson

MATERIALS SCIENCE AND ENGINEERING

Baniasadi, Fazel
Structure and Electronic Properties
Investigation of Two-Dimensional Material
Committee Chair: Prof. K. Park and Prof. C. Tao

Dillinger, Benjamin Eugene
A Parametric Study on the Effects of
External Stimuli on the Aqueous Dissolution
of Lithium Disilicate Glass
Committee Chair: Prof. D. E. Clark

Ding, Chao
Computer-Aided Formulation of Magnetic Pastes for Magnetic Components in Power Electronics

Committee Chair: Prof. G. Lu

Elmkharram, Hesham Moh A.
The Effect of Carbon Concentration on the Amorphization and Properties of Mechanically Alloyed Cobalt-Carbon Alloys

Committee Chair: Prof. A. O. Aning

Rauch, Hunter
Granular Shape Memory Ceramics

Committee Chair: Prof. H. Yu

MECHANICAL ENGINEERING

Bateni, Vahid
Isogeometric Approach to Optical Tomography

Committee Chair: Prof. R. L. West, Jr.

Cao, Ze
Investigation of Momentum and Heat Transfer in Flow Past Suspensions of Non-Spherical Particles

Committee Chair: Prof. D. K. Tafti

Dowd, Cody Stewart
The Effects of Porous Inert Media in a Self-Excited Thermoacoustic Instability: A Study of Heat Release and Reduced Order Modelling

Committee Chair: Prof. J. Meadows

He, Xukun
The Effect of Surface Topography on Droplet Evaporation and Condensation

Committee Chair: Prof. J. Cheng

Kessler, Ellis Carl
A Physically Informed Data-Driven Approach to Analyze Human Induced Vibration in Civil Structures

Committee Chair: Prof. P. A. Tarazaga

Leaman, Eric Joshua
Rational Engineering of Salmonella Typhimurium Expressing Collagenase for Optimized Intratumoral Transport and Colonization

Committee Chair: Prof. B. Behkam

Mousavi, Hoda
Experimental Characterization and Modeling of Tire-Ice Interface

Committee Chair: Prof. C. Sandu

Mukherjee, Apratim
3D Coiling at the Protrusion Tip: New Perspectives on How Cancer Cells Sense Their Fibrous Surroundings

Committee Chair: Prof. B. Behkam and Prof. A. Nain

Nazari, Ashkan
Multi-scale Finite Element Modeling of Rubber Friction Toward Prediction of Hydroplaning Potential

Committee Chair: Prof. S. Taheri

Stewart, Colin James
Numerical Investigations of Jellyfish Propulsion

Committee Chair: Prof. D. K. Tafti and Prof. S. Priya

Stoddard, Ryan Manse
Experimental Investigations on Non-Wetting Surfaces

Committee Chair: Prof. R. Pitchumani

Yang, Ting
Mechanical Design of Selected Natural Ceramic Cellular Solids

Committee Chair: Prof. L. Li

MINING ENGINEERING

Bishop, Richard Edwin
Development and Application of
Autonomous UAV's for Remote Sensing in
GPS-Denied Underground Mine
Environments
Committee Chair: Prof. N. S. Ripepi

NUCLEAR ENGINEERING

Dsouza, Brendan Harry
Material Degradation Studies in Molten
Halide Salts
Committee Chair: Prof. J. Zhang

Mascolino, Valerio
Development and Benchmarking of FM
Particle Transport Algorithms for Steady-
state and Transient Conditions,
Implementation in RAPID and Its VRS
Web-application
Committee Chair: Prof. A. Haghghat

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES COUNSELOR EDUCATION

Jordan, Justin Richard
Come as You Are: The Acceptability of
Harm Reduction Approaches for Opioid Use
Disorder Among Professional Counselors
Committee Chair: Prof. L. E. Welfare and Prof. M.
C. Fullen

CURRICULUM AND INSTRUCTION

Alsobhi, Rania Masoud M.
Factors to Consider for Implementing
Blended Learning in Saudi Higher
Education Institutions: An Integrative
Literature Review
Committee Chair: Prof. K. R. Potter

Avent, Yolanda Latrice
A Sociohistorical Analysis of the Black
Church as an Educational Institution:
Understanding Parishioners Engagement
and Motivation to Seek Higher Education
Committee Chair: Prof. B. R. Brand and Prof. G. E.
Glasson

Caruso, Caryn Marie
The Effect of Active Learning on Academic
Motivation Among Pre-Service Teachers
Committee Chair: Prof. D. J. Kniola

Grimshaw, Wendy Sue
Assessing the Career Awareness of Early
Adolescent Learners
Committee Chair: Prof. J. G. Wells

Holder, Morgan Brett
Collaborative Efforts Between Agricultural
and Special Education Teachers to Enhance
Inclusion of Students with Disabilities into
Agricultural Education
Committee Chair: Prof. W. T. Price, Jr. and Prof. J.
S. Mukuni

Huang, Jingjing
An Exploratory Study of Effects of Lecture's
Acoustic Features on L1 Chinese Listeners'
Listening Comprehension of Online L2
English Lectures
Committee Chair: Prof. K. R. Potter

Liu, Yuning
Being Foreign Language Teachers in the
Modern World: What to Teach and How to
Teach

Committee Chair: Prof. G. A. Tilley-Lubbs

Lupton, Gary Taylor
Self-Identified Professional Development
Needs of Virginia Career and Technical
Education Teachers

Committee Chair: Prof. W. T. Price, Jr. and Prof. J.
S. Mukuni

Machac, Mary Kristin
A Model of Expert Instructional Design
Heuristics Incorporating Design Thinking
Methods

Committee Chair: Prof. K. R. Potter

Mosley, Valdez Lamont
Learner Perceptions and Cognitive
Outcomes of Digital Game-Based Learning
in Mathematics

Committee Chair: Prof. J. G. Wells

Papadopoulos, Joanna
Pupils' Attitudes Towards Technology -
Grade 4 (PATT-G4): Establishing A Valid
and Reliable Instrument

Committee Chair: Prof. J. G. Wells

Rasheed, Michelle Christian
Learning in Place: Teachers' Experiences
with a Place-based Language Arts
Curriculum in Rural Appalachia

Committee Chair: Prof. A. P. Azano

Sain, Jessica Irene
Elementary Design-Based Learning in
Virtual and Hybrid Education Settings

Committee Chair: Prof. B. D. Bowen

Smart-Smith, Pamela Cristina
Trauma and the PhD

Committee Chair: Prof. G. A. Tilley-Lubbs

Walker, Matthew Daniel
Technology Gatekeeping: How High School
Social Studies Teachers Navigate
Technology in the Classroom

Committee Chair: Prof. D. Hicks

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

Committee Chair: Prof. J. L. Wilkins

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

Alrehaili, Sara M.
Teacher Perception of Principals'
Transformational Leadership and the Self-
Efficacy of Teachers in Selected All-Female
Schools in Saudi Arabia

Committee Chair: Prof. M. D. Alexander

Baskerville, Jeri Camille
Factors that Predict Black Student
Participation in AP/IB Calculus by the
Twelfth Grade

Committee Chair: Prof. C. S. Cash and Prof. W. J.
Glenn

EDUCATIONAL RESEARCH AND EVALUATION

Du, Chenguang
How Well Can Two-Wave Models Recover
the Three-Wave Second Order Latent Model
Parameters?

Committee Chair: Prof. Y. Miyazaki

Hori, Kazuki
Disaggregating Within-Person and Between-Person Effects in the Presence of Linear Time Trends in Time-Varying Predictors: Structural Equation Modeling Approach
Committee Chair: Prof. Y. Miyazaki

HUMAN DEVELOPMENT

Smithee, Lauren Christine
Emotional Intimacy in Transition: Interpersonal Processes in Transgender-Cisgender Romantic Relationships
Committee Chair: Prof. A. L. Few-Demo

RHETORIC AND WRITING

Adams, Jonathan Mark
It Goes Without Saying: Infrastructure as Rhetorical Theory for Navigating Transition in Writing Program Administration
Committee Chair: Prof. J. M. Dubinsky

Brooks, Katie Beth
Reading, Writing, Rhetoric: A Rhetorically Emplaced Study of Writing Education in an Appalachian Region
Committee Chair: Prof. S. L. Carter-Tod

Scarff, Kelly L.
Beyond Consensus: A Rhetorical Genre Analysis of the Mountain Valley Pipeline's 401 Public Hearings
Committee Chair: Prof. K. E. Pender

SCIENCE AND TECHNOLOGY STUDIES

Tontodonato, Richard Edward
Co-production of Science and Regulation: Radiation Health and the Linear No-Threshold Model
Committee Chair: Prof. S. Schmid

SOCIAL, POLITICAL, ETHICAL, AND CULTURAL THOUGHT

Flahive, Robert Andrew
Rethinking the Histories of Colonialism and Modernism Through Architectural Preservation
Committee Chair: Prof. P. Dixit

Salmons, Patrick Jeremiah
Hip Hop, Bluegrass, Banjos, and Solidarity: Race and Class Histories in Appalachia U.S.A
Committee Chair: Prof. S. A. Johnson

Shepard, Kathryn Ann
Artists for Humanity's Sake: An Ameliorative Project Concerning Artists and the Existentialist Struggle Against the Dominant Narrative
Committee Chair: Prof. J. C. Pitt

Skiles, Debra Faith
"I Would Never Set Foot on American Soil Again." Religion, Space and Gender: American Women Missionaries in Korea
Committee Chair: Prof. H. M. Schneider and Prof. D. Agmon

SOCIOLOGY

Ireland, Leanna

The (Non)normative Administration of Justice by the Crowd: An Adaptation and Application of Hirschman's Exit, Voice and Loyalty Framework

Committee Chair: Prof. J. E. Hawdon

Islam, Inaash

Visible Muslims, Political Beings: The Racialized and Gendered Contours of a Digitally Mediated Muslim Womanhood

Committee Chair: Prof. D. L. Brunsma

McGlamery, Steven M.

A Cure for Original Sin? The Southern Baptist Convention and Race 1970-2000: A Study of a "Race Relations Sunday" Institutional Initiative

Committee Chair: Prof. D. L. Brunsma

COLLEGE OF NATURAL RESOURCES & ENVIRONMENT

FISHERIES AND WILDLIFE

Abernathy, Heather Nichole

Fire, Felids, and the Human Footprint: Deer and Puma Spatial Ecology and Predator-prey Interactions in Dynamic, Subtropical Wildlands

Committee Chair: Prof. M. J. Cherry

Black, Kathleen Miles

Red Fox Ecology and Interactions with Piping Plovers on Fire Island, New York

Committee Chair: Prof. J. D. Fraser and Prof. S. M. Karpanty

Hyde, John Murray

Analysis of Mussel Restoration in the Clinch and Powell Rivers, Virginia for the Certus, Inc. and Lone Mountain Processing, Inc. NRDAR Cases

Committee Chair: Prof. J. W. Jones

Osorio Popiolek, Christian Thomaz

Wild Carnivore Habitat Use and Community Ecology in a Biodiversity Hotspot and Human-wildlife Conflict with Pumas and Dogs Across Chile

Committee Chair: Prof. M. J. Kelly

Semel, Brandon Pierce

Factors Affecting Golden-crowned Sifaka (*Propithecus tattersalli*) Densities and Strategies for Their Conservation

Committee Chair: Prof. S. M. Karpanty

FORESTRY AND FOREST PRODUCTS

Ahlswede, Benjamin James

Evaluating the Influence of Establishing Pine Forests and Switchgrass Fields on Local and Global Climate

Committee Chair: Prof. R. Q. Thomas

Anderson, Kelley Christine

Investigating Aspects of Program Attendance, Diversity, Equity, and Inclusion, Adaptive Management, and Evaluation in Environmental Education

Committee Chair: Prof. M. J. Stern

Hahn, George Eugene

Wildland Fire in the Central Appalachian Mountains: Impacts on Above- and Belowground Resources

Committee Chair: Prof. T. A. Coates

Houser, Cameron Kelly
The Effect of Forest Structure and
Vegetation Characteristics on
Evapotranspiration: Implications for
Modeling and Management
Committee Chair: Prof. R. H. Wynne and Prof. V.
A. Thomas

COLLEGE OF SCIENCE

BIOLOGICAL SCIENCES

Gajewski, Zachary John
Measuring and Modeling the Effects of
Temperature on the Amphibian Chytrid
Fungus and Assessing the Amphibian
Microbiome
Committee Chair: Prof. L. K. Belden and Prof. L. R.
Johnson

Gonzalez, Floricel
Investigation of the Infection Mechanisms
Employed by Flagella-dependent
Agrobacterium Phage 7-7-1
Committee Chair: Prof. B. Scharf

Heithoff, Benjamin Patrick
Uncovering Astrocyte Roles at the Blood
Brain Barrier in the Healthy and Concussed
Brain
Committee Chair: Prof. M. A. Fox and Prof. S.
Robel

Hernandez, Jessica
Assessing the Causes and Consequences of
Variation in the Reproductive Microbiome
of Tree Swallows (*Tachycineta bicolor*)
Committee Chair: Prof. I. T. Moore

Osburn, Ernest Daniel
Effects of Land Management and Climate
Change on Soil Microbial Communities in
Appalachian Forest Ecosystems
Committee Chair: Prof. J. E. Barrett

Tang, Tuoxian
Phosphatidylinositol 3-phosphate Binding
Properties and Autoinhibition Mechanism of
Phafin2
Committee Chair: Prof. D. G. Capelluto

Ward, Nicole Kristine
Modeling Lake Ecosystem Change Within
Coupled Human-natural Systems to Improve
Water Resources Management
Committee Chair: Prof. C. C. Carey

Zou, Xianlin
Insights on Molecular Mechanisms How
Circadian Clock Interplays with DNA
Damage Response Pathway
Committee Chair: Prof. C. V. Finkielstein

CHEMISTRY

Arrington, Clay Bradley
Tailoring Reactivity, Architecture and
Properties of High Performance Polyimides:
From Additive Manufacturing to Graft
Copolymers
Committee Chair: Prof. T. E. Long

Cagasova, Kristyna
1,3-disubstituted-tetrahydro-beta-carbolines:
A New Method for Stereochemical
Assignment and Synthesis of Potential
Antimalarial Agents
Committee Chair: Prof. P. R. Carlier

Garcia, Christopher James
Mitochondrial Uncouplers: Development as
Therapeutics for Metabolic Diseases
Committee Chair: Prof. W. Santos

Grams, Robert Justin
Boron-Mediated Semireduction of Alkynoic
Acid Derivatives
Committee Chair: Prof. W. Santos

Houck, Shannon Elizabeth
Efficient Fock Space Configuration
Interaction Approaches For Large Strongly
Correlated Systems
Committee Chair: Prof. N. Mayhall

Kautz, David Joseph
Investigation of Alkali Metal-Host and
Electrode-Electrolyte Interfacial Chemistries
for Lean Lithium and Sodium Metal
Batteries
Committee Chair: Prof. F. Lin

Murray, Jacob Hadley
Complex Heterocycles as Mitochondrial
Uncouplers
Committee Chair: Prof. W. Santos

Nichols, Brittany Lynn
Expanding the Potential of Polysaccharide
Based Materials for Therapeutic Delivery
Applications
Committee Chair: Prof. K. J. Edgar

Paradzinsky, Mark
Hydrogen Abstraction by the Nighttime
Atmospheric Detergent NO₃: Fundamental
Principles
Committee Chair: Prof. J. M. Tanko

Rahman, Muhammad Mominur
Multiscale Chemistry and Design Principles
of Stable Cathode Materials for Na-ion and
Li-ion Batteries
Committee Chair: Prof. F. Lin

Shaikh, Shaunak Mehboob
Light Harvesting and Energy Transfer in
Metal-Organic Frameworks
Committee Chair: Prof. A. Morris

Zhang, Rui
Nanoscale Liquid Dynamics in Membrane
Matrices: Insights into Confinement,
Molecular Interactions, and Hydration
Committee Chair: Prof. D. Troya and Prof. L. A.
Madsen

ECONOMICS, SCIENCE

Chi, Mengyang
Essays on Financial Economics
Committee Chair: Prof. H. H. Haller

Do, Hoang-Phuong
A Retrospective View of the Phillips Curve
and Its Empirical Validity Since the 1950s
Committee Chair: Prof. A. Spanos

Jin, Shan
Labor Migration in China
Committee Chair: Prof. S. Ge

Kim, Sunjin
Essays on Network Formation Games
Committee Chair: Prof. S. Sarangi and Prof. E. A.
Bahel

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

Pilehvari, Asal
Essays in Health Economics
Committee Chair: Prof. W. You and Prof. X. Lin

Yang, Zichao
The Economics of Cryptocurrencies
Committee Chair: Prof. K. P. Tsang and Prof. A. C.
Smith

GEOSCIENCES

Chilton, Kristin Danielle
Investigating the Effects of Lithology on
Landscape Evolution Processes Across
Scales
Committee Chair: Prof. J. A. Spotila

Jones, Joshua Robert
Investigating Volcano Tectonic Interactions
in the Natron Rift of the East African Rift
System
Committee Chair: Prof. D. S. Stamps

Liu, Shangxin
Dynamics of the North American Plate:
Numerical Development, Mantle Flow
Modeling, and Receiver Function Analysis
Committee Chair: Prof. S. D. King

Nagurney, Alexandra Bobiak
Microstructural Controls on the
Crystallization and Exhumation of
Metamorphic Rocks
Committee Chair: Prof. M. J. Caddick

MATHEMATICS

Cho, Taewon
Computational Advancements for Solving
Large-scale Inverse Problems
Committee Chair: Prof. J. Chung

Chowdhury, Ahsan Habib
Instructors' Orientation on Mathematical
Meaning
Committee Chair: Prof. E. Johnson

Kim, Daniel Min
Core Entropy of Finite Subdivision Rules
Committee Chair: Prof. W. J. Floyd

Koc, Birgul
Numerical Analysis for Data-Driven
Reduced Order Model Closures
Committee Chair: Prof. T. Iliescu

Mou, Changhong
Data-Driven Variational Multiscale Reduced
Order Modeling of Turbulent Flows
Committee Chair: Prof. T. Iliescu

Walker, Melody Anne
Discrete and Continuous Mathematical
Investigation of Juvenile Mosquito
Dynamics
Committee Chair: Prof. L. M. Childs

PHYSICS

Deng, Kuangyin
Exchange and Superexchange Interactions in
Quantum Dot Systems
Committee Chair: Prof. E. F. Barnes

Gu, Linjie
JLab E12-14-012 (e,e'p) Cross Section
Measurements for Ar and Ti
Committee Chair: Prof. C. Mariani

Herath Mudiyansele, Rathsara Rasanjalee
Herath
Probing Coherent States and Nonlinear
Properties in Multifunctional Material
Systems
Committee Chair: Prof. G. Khodaparast

Mukhamadiarov, Ruslan Ilyich
Controlling Non-equilibrium Dynamics in
Lattice Gas Models
Committee Chair: Prof. U. C. Tauber

Nandi, Riya
Non-equilibrium Dynamics in Three-
dimensional Magnetic Spin Models and
Molecular Motor-inspired One-dimensional
Exclusion Processes
Committee Chair: Prof. U. C. Tauber

Pestes, Rebekah Faith
Precision Neutrino Oscillations: Important
Considerations for Experiments
Committee Chair: Prof. P. Huber

Zou, Hao
Low Dimensional Supersymmetric Gauge
Theories and Mathematical Applications
Committee Chair: Prof. E. R. Sharpe

PSYCHOLOGY

Abraham, Elsheba K.
Examining Gender Bias in Leader Ratings
Through Emotion Suppression, Leader
Gender, and Participant Gender
Committee Chair: Prof. N. M. Hauenstein and Prof.
R. J. Foti

Antezana, Ligia Danitsa
Identifying Cognitive and Affective
Pathways to Nonsuicidal Self-Injury in
Adolescents
Committee Chair: Prof. J. A. Richey

Burns, Derek Allen
Latent Profile Transition Analysis of Job
Characteristics and Individual Differences
on Psychological and Physiological
Outcomes
Committee Chair: Prof. R. J. Foti

Garcia Meza, Tatiana
Late Childhood Predictors of Adolescent
Cognitive Reappraisal: Impacts on
Adolescent Depressive Symptoms
Committee Chair: Prof. M. Bell

Herd, Toria Irene
Interrelations Between Adversity and
Emotion Regulation: How Does Childhood
Maltreatment Influence Risk for Reciprocal
Relations Between Adolescent Peer
Victimization and Emotion Regulation
Development?
Committee Chair: Prof. J. Kim-Spoon

Mastrich, Zachary Hall
The Motivational Effects of Feedback:
Development of a Machine Learning Model
to Predict Student Motivation from
Professor Feedback
Committee Chair: Prof. E. S. Geller

Muskett, Ashley Elizabeth
Feasibility of Anxiety Assessment for
Children with Minimally-Verbal Autism
Committee Chair: Prof. A. Scarpa-Friedman

Radtke, Sarah Ryan
The Interaction Between Child Behavioral
Inhibition and Parenting Behaviors Across
Development: Effects on Adolescent
Psychopathology
Committee Chair: Prof. T. H. Ollendick

Strege, Marlene Vernette
Sustained Recovery in Depression: Neural
and Clinical Perspectives
Committee Chair: Prof. J. A. Richey

Sturdivant, Manasia Gabrielle
Development and Initial Validation of the
African American Workplace Authenticity
Scale
Committee Chair: Prof. N. M. Hauenstein

STATISTICS

Lu, Danni
Representation Learning Based Causal
Inference in Observational Studies
Committee Chair: Prof. F. Guo

INTERDISCIPLINARY DEGREES

GENETICS, BIOINFORMATICS AND COMPUTATIONAL BIOLOGY

He, Wei
Mathematical Modeling of Therapies for
MCF7 Breast Cancer Cells
Committee Chair: Prof. W. T. Baumann

INDIVIDUAL INTERDISCIPLINARY PHD

Svyantek, Martina V.
Institutional Counter-surveillance using a
Critical Disability Studies Lens
Committee Chair: Prof. E. D. McNair

MACROMOLECULAR SCIENCE AND ENGINEERING

Chen, Tianran
Generation of Recyclable Liquid Crystalline
Polymer Reinforced Composites for Use in
Conventional and Additive Manufacturing
Processes
Committee Chair: Prof. D. G. Baird

Kazerooni, Dana Abraham
Structure-Property Relationships in the
Design of High Performance Membranes for
Water Desalination, Specifically Reverse
Osmosis, Using Sulfonated Poly(arylene
ether Sulfone)s
Committee Chair: Prof. J. S. Riffle

White, Benjamin Tyler
Designing Multiphase Step-Growth
Polymers for Advanced Technologies: From
Electromechanical Transducers to Additive
Manufacturing
Committee Chair: Prof. T. E. Long

TRANSLATIONAL BIOLOGY, MEDICINE AND HEALTH

Alcoreza, Oscar B.
Modulating System xc- Activity As A
Treatment For Epilepsy
Committee Chair: Prof. H. W. Sontheimer

Bouslog, Allison Faye
The Gut-brain Axis in Seizure
Susceptibility: A Role for Microbial
Metabolite S-equol
Committee Chair: Prof. S. Campbell

Cui, Zhuoya
Understanding Social Function in
Psychiatric Illnesses Through
Computational Modeling and Multiplayer
Games
Committee Chair: Prof. B. King-Casas and Prof. P.
H. Chiu

Hendricks, Alissa Danielle
Determining the Oncological and
Immunological Effects of Histotripsy for
Tumor Ablation
Committee Chair: Prof. I. C. Allen and Prof. E.
Vlaisavljevich

Kocher, Matthew Afshin
Non-coding RNA Genes Lost in Prader-
Willi Syndrome Stabilize Target RNAs
Committee Chair: Prof. D. J. Good

Martin, Joelle Dominique
Modulation of System xc- Mediated
Glutamate Release in Glioblastoma
Multiforme via the Extracellular Matrix:
The Agony and the xCTasy
Committee Chair: Prof. H. W. Sontheimer

Menon, Nidhi
Engineered Microsystems and Their
Application in the Culture and
Characterization of Three-dimensional (3D)
Breast Tumor Models
Committee Chair: Prof. C. N. Jones

Mills, William Albert
The Effects of Aging on EGFR/pSTAT3-
Dependent Gliovascular Structural Plasticity
Committee Chair: Prof. H. W. Sontheimer

Sabbagh, Ubadah
The Development, Cytoarchitecture, and
Circuitry of the Ventral Lateral Geniculate
Nucleus

Committee Chair: Prof. M. A. Fox

Swartwout, Brianna Kendall
Identification and Evaluation of
Limosilactobacillus reuteri as an Inducer of
Neonatal IgA and Autoimmunity

Committee Chair: Prof. X. Luo

Wang, Suwei
Opportunities and Challenges in
Identification and Classification of Heat
Stress Risk Based on Analysis of Individual
and Neighborhood Level Factors

Committee Chair: Prof. J. M. Gohlke

DOCTOR OF EDUCATION

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

Alexander, Le-Zondra
The Practices of Speech-Language
Pathologists Supporting the Acquisition of
Skilled Reading in Public Schools

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

Alga, Nan Abbott
The Teachers' Perception of the Usefulness
of Principal Observation Feedback and
Subsequent Follow-Up Through the Teacher
Evaluation Process

Committee Chair: Prof. C. S. Cash

Batts, Kenya Simmons
Principal and Teacher Perceptions on
Practices That Impact Teacher Job
Satisfaction and Retention in Title I
Elementary Schools in a Large Suburban
Central Virginia School Division

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

Booth, Monique Latoya
Elementary Assistant Principals' Self-
Perceived Preparedness to Lead Diverse
Schools Through the Lens of the Culturally
Responsive School Leadership Framework

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

Burbic, Jessica Elizabeth
Assistant Principals' Self-Reported Levels of
Preparedness to Support Special Education
Teachers and Programming

Committee Chair: Prof. C. S. Cash

Clements, Alecia Dawn
Transformative-based Alternative Education
Program: A Study of Teacher and
Leadership Perceptions

Committee Chair: Prof. C. S. Cash and Prof. J. L.
Brinkmann

Davis-Vaught, Pamela L.
Teacher Resilience in High Poverty Schools
of Southwest Virginia

Committee Chair: Prof. M. D. Alexander

Fohl, George Christopher
The Influence of Universal Screening
Measures on the Diversity of Students
Found Eligible for Gifted Education
Program Services

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

Gardner, Daniel Joseph
Educational Leaders' Perceptions of the
Impact of MBTI Professional Development
On Their Leadership Practices

Committee Chair: Prof. C. S. Cash

Jacobsen, Carey Mae
Globalization, Global Citizenship, and
Catholic Education
Committee Chair: Prof. C. S. Cash and Prof. T. S.
Price

Lopes, Brittany Amanda
The Status of Student Academic
Performance Based on the Demographic
Representation of Public Middle School
Teachers and Students in the
Commonwealth of Virginia
Committee Chair: Prof. C. S. Cash and Prof. T. S.
Price

Parsley, Kadie Lynn
A Study of Effective Instructional Practices
for Teaching Boys in All-Boys Independent
Schools in Virginia
Committee Chair: Prof. C. S. Cash

Porzio, Lindsay Crump
Perceptions of the Role of the Principal in
the Development, Implementation, and
Continuation of a Series Reading Program
Committee Chair: Prof. C. S. Cash and Prof. T. S.
Price

Ransome, Jaraun Montel
Discipline Disproportionality in an Urban
School Division Within the Commonwealth
of Virginia
Committee Chair: Prof. C. S. Cash

Rucker, Jennifer Smith
Principal Perceptions and the Impact of
Leadership Development Attributed to the
Virginia Tech School Leaders Institute
Recently Appointed Administrator Program
Committee Chair: Prof. C. S. Cash and Prof. T. S.
Price

Russ, Brenda Jasmine
Principals' and Assistant Principals' Self-
Reported Levels of Preparedness to Assist
Instructional Staff Working with English
Learners in Two School Districts in Virginia
Committee Chair: Prof. C. S. Cash

Scott, David Dennis
Analysis of Fiscal Equity in Virginia: 2004 -
2020
Committee Chair: Prof. M. D. Alexander

Settles, Karen Rena
An Exploration on How Elementary
Administrators Support a Growth Mindset in
Classroom Teachers
Committee Chair: Prof. C. S. Cash

Strittmatter, Matthew James
A Sample of Selected Secondary School
Leader Perceptions of Necessary Skills
Before, During, and After the Coronavirus
Pandemic
Committee Chair: Prof. C. S. Cash

Trigueiro, Amy Theresa
School Building Conditions and Student
Achievement and Chronic Absenteeism in
Urban High Schools in the Commonwealth
of Virginia
Committee Chair: Prof. C. S. Cash

Tyler, Millicent Denise
Educational Leadership Practices and Their
Impact on Alternative Student Success
Committee Chair: Prof. C. S. Cash and Prof. T. S.
Price

Van der Linden, Courtney Adele
An Historical Analysis of Fiscal Equity in
the Commonwealth of Virginia: 2004-2018
Committee Chair: Prof. C. S. Cash

Webb, Elizabeth Rose
Improving Academic Achievement for
Students in Poverty: A Case Study Analysis
of a Rural Elementary School
Committee Chair: Prof. M. D. Alexander

Williams, Monica Lynn
A Qualitative Investigation of Principals'
Experiences With and Interventions
Provided to Gifted Students Who Have
Dropped Out Or Are At Risk of Dropping
Out
Committee Chair: Prof. C. S. Cash and Prof. T. S.
Price

EDUCATION SPECIALIST
COLLEGE OF LIBERAL
ARTS & HUMAN SCIENCES
CURRICULUM AND
INSTRUCTION

Manning, Kirsten Ann

Newton, Matthew Terry

Wills, Kary Shelor

EDUCATIONAL LEADERSHIP
AND POLICY STUDIES

Jagodzinski, Jack Dillon

Londeree, Kathleen Williams

Sedutto, Marantha Dawkins

Shears-Walker, Barbara Jean

MASTER'S DEGREES

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

MASTER OF SCIENCE

AGRICULTURAL AND APPLIED ECONOMICS

Garber, Benjamin Fredrick

Hassman, Colburn Hastings

Vannoy, Mallory Drew

AGRICULTURAL AND LIFE SCIENCES

Alford, Peyton Thomas

Banick, Lauren Pontiff

Baron, Geoffrey Thomas

Bowman, Mackenzie Brook

Cole, Taja Alexis

Estep, Taylor Matney

Fagan, Samantha Brennan

Granche, Michael Christopher

Humphries, Ashlee

Kendall, Jermaine Keith

Locus, Alaina Billie Noel

LouvetSr., Matthew F.

Mueller, Kale Eugene

Niblett, Richard Tyler

Rosa, Austin C.

Schertz, Olivia Nicole

Schulman, Robert Marc

Smith, Tyrell Allen

Thompson, Crissy Loraine

Turner, Brandon Michael

Wright, Carly Michelle Griffith

ANIMAL AND POULTRY SCIENCES

Arneson, Alicia Gest

Halter, Bailey Anne

Oxendine, Aaron Casey

CROP AND SOIL ENVIRONMENTAL SCIENCES

Bowers, Lindsey Carolle

Hinkle, Caleb Daniel

Lancaster, Caroline Marie

Poskaitis, Megan Kathleen

HUMAN NUTRITION, FOODS AND EXERCISE

Barker, Katelyn Ann

Wallace, Michael Anthony

Wunderlich, Kayla Marie

**MASTER OF SCIENCE IN
LIFE SCIENCES**

**AGRICULTURAL AND
EXTENSION EDUCATION**

Cowell-Lucero, Jamie Lynn

BIOCHEMISTRY

Corrigan, Aleksandra Nikol

DeHart, Tanner Gage

Fryzlewicz, Lauren Hope

King, Kelsie Marie

Ratnasinghe, Brian Damith

VanderGiessen, Morgen

ENTOMOLOGY

Dechaine, Andrew Chase

James, Aryanna Lee

McIntyre, Kelly Christine

Silliman, Mary Rachel

Vasquez Valverde, Luisa Fernanda

Whitlow, Amanda Marie

**FOOD SCIENCE AND
TECHNOLOGY**

Littleson, Brenna Nicole

Sandbrook, Ann Marie

**PLANT PATHOLOGY,
PHYSIOLOGY AND WEED
SCIENCE**

Daly, Emeline Hope

Henderson, Caleb Aleksandr

Nahiyani, Md Abdullah Al

**MASTER OF SCIENCE IN
NUTRITION AND DIETETICS**

Jarvis, Jordyn Marie

Kettle, Kiley Grace

Massey, Mary Elizabeth

Parks, Tabitha Kai

Smith, Katherine Grace

**COLLEGE OF
ARCHITECTURE AND
URBAN STUDIES**

MASTER OF ARCHITECTURE

Alnajidi, Najd Hamad S.

Ansar Shorijeh, Farimah

Ashworth, Emily Claire

Berkeley, Joshua David

Bocchino, Christian Joseph

Broadwell, Emily Catherine

Carricaburu, Paul Gaston

Dunlap, Margaret

Fazel Anvaryazdi, Shaghayegh

Gent, Bailey Lynn

Germansky, Hannah Constance

Ghodousi, Shayan

Gupta, Riya

Hack, Keith Martin

Hoxha, Sara

Koushkebaghi, Mona

Kretzing, Lucas James

Layden, Kaitlyn Rose

Li, Jie

Massie, Blake Andrew

Melhem, Sari

Miller, Christopher Lee

Olson, Jeffrey Mark

Perez, Eliezer Omar

Pessotti, Philippe Campos

Prentice, David Neil

Pyne, Sarah Morris

Rapavi, Paulina E.

Siddique, MD Abu Baker

Smith, Carter Leigh

Surty, Abdul Dayyan Abdul Wahab

Synadinos, Dimos

MASTER OF FINE ARTS

CREATIVE TECHNOLOGIES

Ampatzi, Vasiliki Traikos

Flood, Caleb Russell

Ge, Tianyu

Shah, Jasmine Rajesh

MASTER OF LANDSCAPE ARCHITECTURE

Burch, Jennifer Marrie

Coates, Ashley Nicole

Gilbert, Grace Madelyn

Rahimi Bafrani, Raena

Ramirez-Blust, Lynda Sue

MASTER OF PUBLIC ADMINISTRATION

PUBLIC ADMINISTRATION/ PUBLIC AFFAIRS

Abell, Aldyn Frances

Adams Jr., Anthony Antonio

Anderson, John Hunter

Buscaglia, Caroline Olivia

English, David Joseph

Harding, Brandon Allen

Hasham, Muhammad Zaheer Uddin

Marshall, Ericka Mahvash

Overholt, Meleah Brooke

Reynal, Matthew George

Richards, Edward Prince

Showalter, Amy Laurel

Tankersley, Cole Patrick

Taylor, Dakota L.
Vierick, Robert Scott

**MASTER OF PUBLIC AND
INTERNATIONAL AFFAIRS**

Haan, Nicholas Daniel
Johnson, Allison Noelle
Moore, Donald Devon
Walters, Amanda Cathrine
Zhou, Yue

**MASTER OF SCIENCE
ARCHITECTURE**

Akinci Yalt, Sevgi Tugce

**BUILDING/CONSTRUCTION
SCIENCE AND MANAGEMENT**

Jefferson, William Hunter
Ji, Chengyue
Paluszek, Elizabeth Anne
Peck, Mitchell Thomas

**MASTER OF URBAN AND
REGIONAL PLANNING**

Brown, Melody Ambria
Byrne, Cayley Erin
Caudullo, Victoria
Donovan, Richard Francis

Gilmer, Lydia Rachel
Goldring, Ariel Louis
Hale, Kendra Auburn
Hanton, Katherine Thomas
Huaman, David Sean
Lawson, Thomas Blake
Nagorniuk, Anna Alexandra
Parks, Austin Lee
Rauof Hassanzadeh, Behnaz
Redd, Ceara Marie
Sale, Abigail Grace
Serio, Natalie Ann
Shahbeigi, Azin
Tombarge, Alisande Marie

**PAMPLIN COLLEGE
OF BUSINESS**

**MASTER OF ACCOUNTING
AND INFORMATION SYSTEMS**

Ashey Jr., William Clayton
Bergeron, Colum Michael
Davis, Brandon Uriah
Estock, Thomas Michael
Fredrick, Robert William
Freeman, Mia Tiana
Furchtenicht, Samuel August
Harrison, Natalie Megan
Haselby, Sean William

Kitchen, Ryan McDermott

Lake, Jane Margaret

Laushell, Kyra Ann

Lee, KyungJoon

Lilley, Leah M.

Mallaney, Thomas Carl

Ngo, Hanh Thi Thu

Nguyen, Kenny

Perkins Jr., Mark Baldwin

Pierson, Madison Carey

Pineda Padilla, Mara Rosa Emilia

Ramirez, Matthew John

Soto, Isabel Victoria

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Uzelac, Ivana

Vahlkamp, Marissa Ann

Zhang, Xiaochun

Jubran, Nidaal

Khan, Mir Akram Ali

Khaskia, Manar

Kopp, Matthew Lawrence

Lamb, Phillip Gerard

Letters, Rachel Marie

Mages, Stephanie

Mathur, Rohit Vishnu

McKenna, Patricia Susane

Michaely, Nicholas James

Ramey, Lily Eileen

Ray, Erin McKenna

Schrager, Alaina Kelly

Segler, Jacklin Kris

Shah, Sayed Bahadur

Shukla, Charu

Slee, Evan Ross

Stephanos, Henok Habtemariam

Surface, Josiah Jason

Sutphin, Charles Patrick

Szymanski, Franz Gerald

Taylor, Mark Andrew

Wendland, Jonathan George

Wood, Randolph Lee

Yeshigeta, Abyi

Zacha, Ryan Edward

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Choudry, Noor Ahmed

Connolly, Timothy Edward

Demarino, Hilda Elizabeth

Demirovic, Edin

Diaz Rodriguez, Jhonnattan

Gaines, Christopher David

Gallagher, Jeanmarie

**MASTER OF SCIENCE
BUSINESS ADMINISTRATION**

Bin Samman, Taha Mohammed I

Kwarteng, Maxine

Li, Ji

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

Huffman, Sidney Ann

COMPUTER ENGINEERING

Aayush Sureshchander

Crofford, Cody Lyn

Hsieh, Hsin Han

Huang, Lanxiao

Huang, Yi

Isiadinso, Angel Tehillah

Johari, Shagun

Le, Thanh Duc

Mahajan, Yogesh Vijaykumar

Mandke, Prathamesh Kalyan

Mehta, Ujjval Samir

Nizam, Sumaiyyah

Patil, Akash Dnyaneshwar

Rege, Varun Rajesh

Ronvelwala, Sajan

Roy, Padmaksha

Sachdev, Karan Deepak

Sachin

Sethi, Japnit Singh

Sharma, Pooja

Thakalapally, Shashank

Thakur, Tanvi

Venkatesan, Saranya

Wadkar, Sunny Vishvanath

**COMPUTER SCIENCE
AND APPLICATIONS**

Chen, Xiaoyu

Cheruvu, Asha R.

Dixit, Gaurav

Durah, Fadi I.

Dworak, Rebecca Marie

Gillard, Jordan Alexander

Sharma, Niket

Srinivasan, Raghu

Taleb Zadeh Kasgari, Ali

Wang, Haitao

Yan, Runge

ELECTRICAL ENGINEERING

Kondeppady, Avinash

Nandu, Jaineel
Parker, Andrew Thomas
Qian, Yizhou
Sreeram, Nirmala
Sun, Heyan
Xiao, Jun

INDUSTRIAL AND SYSTEMS ENGINEERING

Chowdhury, Tahsin Mahmud
Dhanapal, Vignesh
Dungrani, Rahil Gordhan
Huntington, Maia J.
Juneja, Ikjot Singh
Kunte, Pranav Shridhar
LoPinto, Dominic Edward
Panchal, Parth Bipin
Shojaee, Seyedeh Parshin
Taimoory, Hamidreza
Tibrewala, Vedant
Venugopal, Varun
William, Jeswin
Wu, Zhiyue
Yan, Ying

MATERIALS SCIENCE AND ENGINEERING

Aden, David Aaron

Clark, Charlotte Catharine
Flint, Kaitlyn M.
Petersen, Dylan Thomas

MECHANICAL ENGINEERING

Kuehne, Susana Elizabeth
Zhang, Yuexiang

MASTER OF ENGINEERING ADMINISTRATION

Abebe, Mussie Solomon

MASTER OF SCIENCE AEROSPACE ENGINEERING

Aselford, Robert Carl
Brannick, Kevin Patrick
Craig, Jesse Tyler
Criss, Matthew Allan
Du, Minzhen
Edmonds, Kendy Elizabeth
Furgiuele, Theresa C.
Heberle, Truman James
Kadan, Jonathan Evan
Laing, Jacob Michal
Morris, Brenton Alexander
Nguyen, Khanh Quoc
Perez, William Lowell
Samulski, Camille Clement

Stockwell, Zachary Guy
Ventura, Brendan Michael
Verniel, Jacob Miles
Vij, Dhriti Pragya

BIOLOGICAL SYSTEMS ENGINEERING

Gamble, Rex Surachat
Paraszczuk, William Dale
Smith, Benjamin Servais

BIOMEDICAL ENGINEERING

Cheung, Carrie Alyse
Harlos, Anellie Rae
Jain, Sparsh
Keim, Summer Blue
McCartney, Maura Elizabeth

CIVIL ENGINEERING

Ahmed, Ahmed S.
Alarrak, Rashed
Asiatico, Patricia Magistrado
Boykin, James Z.
Caretti, Adam Joseph
Casey, Emily M. J.
Castro Prieto Huancachoque, Ander
Chirag
Cubas Suazo, Alexa Maria

Dahiya, Ankuj
DeMartino, Donald A.
Dietrich, Cara A.
Fontaine, John Peter
Gonsalves, Nihar James
Javier, Eulogio Mendoza
Jiang, Yan
Kaplan, Marcella Mina
Karmoul, Mahmoud Jamil
Katamaneni, Harshadeep
Lamsal, Ujjwal
Moorthy, Anila
Neeble, Jonathon Tyler
Osborn, Ryan Todd
Panchal, Kaushik Kanubhai
Parmar, Yash Yogesh
Pierce, Ian
Poling, Kase Scott
Popelka, Jack Riley
Potter, Emily Grace
Raichura, Purva Hiteshkumar
Ramesh, Rahul
Shahi, Fahim
Smith, Connor Allen
Spicer, Noah Benjamin
Sumner, Ashley Nicole
Szalecki, Daniel Edward
Tkacik, Ann Melanie

Vicchio, Nicolas
Vuper, Ailie Marie
West, Paige Meredith
Witte, Robert Alan
Zhong, Yida

COMPUTER ENGINEERING

Avverahalli Ravi, Darshan
Blackburn, Christopher Nogueira
Chen, Si
Conroy, Thomas Joseph
Frederiksen, Steven Jon
George, Kiernan Brent
Han, Yi
Jearls, James Chandler
Patel, Kushal G.
Ravi, Sumved Reddy
Redhouse, Amanda Jean
Robb, Esther Anne
Shen, Minjie
Shin, Wonseok
Xu, Bowen
Xu, Han
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COMPUTER SCIENCE AND APPLICATIONS

Aarathi Raghuraman

Agarwal, Rahul
Ahmad, Saim
Aromando Jr., John
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Beyki, Mohammad Reza
Chang, Ting Chia
Chang, Yi Chun
Chen, Po Han
Clark, Juliet Ariana
Cooper, Rachel Gray
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Gutkowski, Nicolas Joshua
Hardy, Nicolas Randell
Huang, Yu Hsuan
Jain, Yash
Kaushal, Kulendra Kumar
Kulkarni, Rutwik Shashank
Li, Nan
Lim, Steven
Lin, Zongtao
Lisle, Lorange Richard
Liu, Hanwen
Liu, Yiqing
Llorens, Nathaniel Roman
Long, Xingyu
Mahajan, Yash
Mansur, Rifat Sabbir
McDonough, Kenton Robert

Meno, Emma Margaret
Muhundan, Sushmethaa
Nandigam, Ramya
Nazari, Ashkan
Papakis, Ioannis
Phan, Tam Xuan
Sagayam, Arul Thileeban
Sainz-Palacios, Sergio
Sattiraju, Naga Sai Nikhita
Sepasdar, Reza
Shahdi, Arya
Sumant, Aarohi Milind
Wang, Ziyao
Yuan, Chenhan
Yuan, Liling
Zhang, Yaxuan
Zulfiqar, Omer

ELECTRICAL ENGINEERING

Alabi, Oluwademilade Adedunmolu
Baker, Victoria Isabelle
Billings, Rachel Mae
Cairnie Jr., Mark Anthony
Choudhury, Biplav
Gersh, Jacob Daniel
Khattar, Vanshaj
Kleine, Robert
Lin, Qing

Makin, Cameron
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Moon, Christopher Michael
Moore, Megan O'Neal
Mukherjee, Shourya
Nam, David Sang
Nowshin, Fabiha
Shanmugavel, Sibi Chakravarthy
Smith, Robert Gregory
Tu, Cong
Venkatachari, Sidhaarth
Wang, Jinhua
Wang, Ruixuan
Zhang, Jiayuan
Zhu, Feiyang

ENGINEERING MECHANICS

Beale, Gregory Thomas
Corbin, Nicholas Allen
Hayden, Andrew Phillip
Lyons, Percie Jewell
Raj, Neil Ashwin
Winnard, Thomas Johan

ENVIRONMENTAL ENGINEERING

Lee, Ga Eun
Morsy, Omar Ahmed

Waqar, Mahnoor

ENVIRONMENTAL SCIENCES AND ENGINEERING

Tai, Chih-Ting

INDUSTRIAL AND SYSTEMS ENGINEERING

Farkhondehmaal, Farshad

Kulkarni, Chaitanya Shashikant

Nallendran, Vignesh Raja

Wenger, Colton Alexander

Seguine, Tyler William

MECHANICAL ENGINEERING

Ahmed, Tabassum

Alabi, Oreoluwa Adekolade

Amarir, Amine

Amrite, Shardul

Berman, Lauren Kathryn

Borja, Felipe Alexander

Capper, Joseph David

Carter, Grant Inman

Chen, Shuo

Coleman, Mathew Riley

Conte, Dean Edward

Eidi, Ali Fadhil

Friedman, Brianna

Fronk, Joel Seth

Fuge, Alexander Jonathan

Hardyman, Micah Dwayne

Hull, Joshua Lester

Hunde, Sena Aschalew

Jankus, Daniel James

Kakou, Paul-Camille

Kowalski, Nicholas Gerald

Lang, Yifei

Legg, Thomas David

LoPinto, Dominic Edward

Meehan, Patrick James

Nalawade, Rajvardhan Prashant

Polen, Melissa Adrienne

Pradhan, Sarthak

Raj, Piyush

Rajasekaran, Darshan

Riedel, Michael James

Ryan, Timothy Patrick

Stephen, Juanita Peche

Titus Glover, Kyle Ian Kwartei

Turner, Ranger Christian Kelly

Verulkar, Adwait Dhananjay

Xu, Kemu

Xu, Shang

MINING ENGINEERING

de Carvalho Jacobina Andrade, Deraldo

Morrison, Ethan David
Russell, Alexandra Dawn
Santa Cano, Nestor Alejandro

NUCLEAR ENGINEERING

Sahin, Elvan

OCEAN ENGINEERING

Oladele, Omotayo Tamunotonye

SYSTEMS ENGINEERING

Cowley, Justin Elliot
Jones, Christopher Michael
Papetti, Nicholas John

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

MASTER OF ARTS

COMMUNICATION

Baumgardner, Emma Kathryn
Clements, Christopher Frederick
Costello, Lincoln John James
Knight, Andrew Marshall
Maher, Emily Therese
Parvatam, Pranav
Radaj, Ryan Gregory
Shaughnessy, Brittany Rose

ENGLISH

Barnes, Nathan Christopher
Belcher, Cassie Jean Marie
Hargrave, Rachel Irene
Johnson, Carter Davis
Lewis, Asiah Nyree
Liebel, Caroline Jean
Payne, Savannah Carol
Smith, Carli Alyece
Whittemore, Rhys Duncan

FOREIGN LANGUAGES, CULTURES, AND LITERATURES

Bourne, Joseph Tanner
Driggs, Victoria Katherine
Jaime Castillo, Joana
Junco-Rivera, Maria Fernanda

HISTORY

Adkins, Henry Clay
Brabble, Jessica Marie
Crawford, Noah Frazier
Olex, Benjamin F.
Settle, Dylan Michael
Swaney, Iris Mackenzie
Sweat Montoya, Sydney Abigail
Turner, Ca Thoma Valencia

MATERIAL CULTURE AND PUBLIC HUMANITIES

Ewing, Hannah Taylor
Mercatoris-Morrison, Abigail Louise
Pearson, Anthony Micael
Reynolds Jr., Anthony Isaca
Spaar, Renee Louise

PHILOSOPHY

Acton, Jin Tian Louise
Bolen, Darian Lamar
Burkey, Brandon William
Cedeno, Jonathan Wither
Higginbotham, Ethan James
Smith, Justyn Glynn

POLITICAL SCIENCE

Anderson, Jamie Char'Mae
Berlinghoff, Maddison Kapua'ena
Blankenship, Spencer Edward
Chatikavanij, Wansit
Common, Kaitlin Rebekah
Crew, Melissa Lynn
Harris, Sabrina Kylie
Johnson, Eric Darnell
Kluck, Genevieve Margaret
MacKoul, Matthew John
Matini, Armand Yousseff

Miller, Kathryn Elizabeth
Ritterbusch, Jade N.
Schott, Benjamin Glen
Tarkenton, William Payne
White, Owen Thomas
Zywiol, Douglas Lawrence Jerome

MASTER OF ARTS IN EDUCATION

COUNSELOR EDUCATION

Arnold, Meagan Leigh
Barton, Kelsey L.
Broadwell, Kira Briane
Dix, Rachel Nicole
Dobbs, Jessica Ann Buice
Eikenberg, Kelly Elizabeth Deacon
Epstein, Dryden Elizabeth
Evangeliou, Georgia Sujung
Patterson, Anne Stuart
Patterson, Elizabeth Morgan
Takemoto-Jennings, Rhiannon Kanako
Tucker, Jessica Ann
Tully, Melissa Estella
Vess, Brook Lee
Wiley, Benjamin Andrew
Wright, Emily Anne

CURRICULUM AND INSTRUCTION

Auvil, Heather Rudd

Baker, Adam Heath

Baker, Matthew Thomas

Banik, Rohini

Barber, Bridget McAloon

Bilodeau, Claire Elizabeth

Boehling, Jessica Ann

Brewer, Abigail Ager

Brooks, Caroline Taylor

Campbell, Ashley Lynn

Capozzi, Gabrielle Elise

Carpenter, Maxwell Jones

Church, Megan Maury

Clark, Virginia Leslie

Clemens, Cassidy Nicole

Cook, Carly Maria

Cooper, Allison Renee

Cottrell, Caroline R.

Counts, Jessica Marie

Devereux, Olivia

Dobbins, Nathan Fox

Doss, Joshua Edward

Dunfee, Hannah Louise

Edwards, Watson Allen

Erickson, Madison Grace

Finch, Christopher Ryan

Finkbeiner, Grace Lin

Freix, Sara Ann

Frey, Sophia Marie

Gaylord, Alison Hugo

Gery, Sarah Elizabeth

Glasgow, Rachael Louise

Hall, Nikki Reynolds

Harriman, Rachel Elizabeth

Hartley, Katherine Alexis

Heath, Alea Jane

Hendrickson, Seth Tucker

Hipple, Elizabeth Marie

Humphrey, David Alan

Hurtado, Nicholas T.

Jackson, Phoebe Elizabeth

Jutz, Stephanie Elizabeth

Knapik, Chad Brandon

Ko, Claire Ann

Lee, Hannah Jueun

Mann, Collin Edward

Mast, Kaitlin Elizabeth

McCarty Colosi, Rachael M.

McKinley, Grant Taylor

McLaughlin, Lakin Paige

Meredith, Sherry Parsons

Michael, William Hubert

Monseur, Olivia Michelle

Nicely, Emily Marie

Ramsey, Haley Nicole
Rice, Stephanie Rebecca
Richmond, Alexis Lanette
Santos, Emily Jade
Saunders, Shauna Manias
Shaver, Sarah Anne
Sheehan, Madison Laura
Sheppard, Naomi Holly
Skripko, Marissa Bridgette
Strawser, Miranda Kathryn
Uptegraff, Mark Steven
Voyack, Rebecca Joan
Warren, Michelle Pierce
Watson, Brenda Hill
Wauhop, Joan Abigail
Welch, Traves Shane
Weston, Liam Reid
Whitaker, Emily Jeanne
Windhausen, Lindsey Shea
Zhang, Zuoping

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

Argodale, Jacquelyn Hayat
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HIGHER EDUCATION AND STUDENT AFFAIRS

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Farrell, Timothy J.
Kuneyl, Hannah Michelle
Lewis, Liana Ophelia
Lewis, Marc Theron
Seabron, Ginai Sha'Nyta
Sturgeon, Sabrina

MASTER OF FINE ARTS CREATIVE WRITING

Boudreau, Sarah K.
Elhauge, Dashiel Nicholas
Garvoille, Alexa Rose
Jones, Shaina P.
Lischau, Carol Elaine
Massey, Evan Joseph
Palacio Ornelas, Mirna Veronica
Raab, Anne Elizabeth

THEATRE ARTS

Besse, Corrie Ann
Cadette, Trichia Cheryl Sarah
Coleman, Henry Patrick
Moon, Cynthia Ellen
Wehr, Anna Louise

**MASTER OF SCIENCE
HUMAN DEVELOPMENT**

Coram, Joseph R.

Dieterich, Addison Grace

Dotson, Hillary Beyer

Kazemi, Roxana V.

Sterling, Pamela Beth

Yu, Shuqi

**SCIENCE AND
TECHNOLOGY STUDIES**

Battista, Francesca

Beach, Michael Frederic

Chatikavanij, Panita

Crotty, Lisa June

Kiran, Pratyusha Pranob

Mukuni, Fidelia

Sullivan Jr., Patrick Gerald

SOCIOLOGY

Burroughs, Amanda Marie

Drewry, Holli G.

Kidd, Rachel Marie

McMahon, Kelsey Peyton

Miceli, Christopher James

Walkup, Christian Andrew

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

Arrington, Kasey Lynn

Crumpler, Michelle Renee

Lewis, Jacob Paul

Merritt, Chaney Christina

Mukuni, Candido

Satchell, Kristina Renee

Sterling, Renae Martier

Sutton, Brittany Lynn

Tucker, Lauren Dawn

**COLLEGE OF NATURAL
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Barrett Cook, Emily Ann

Cerv, Sara Alison

**MASTER OF
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Baugher, Brooke Erin

Bray, Corey Stephen

Dlin, Benjamin Edward

Drada, Luzbelly

McNally, Erin

Mills, Joshua Carl
Mitchell, Michelle Lynn
Paul, Roxanne N.
Preston, Travis L.
Smoyer, Marie
Snowwhite, Andrew William
Van Duyne, Thomas William

Carani, Samuel James
Forister, Peter Harding
Kern, Jennifer M.
Lewis, Colleen Paige
Mitchell, Allison Paige
Starner, Joshua D.
Van Tol, Zachary Charles
Villarreal, Mark David

FISHERIES AND WILDLIFE

Barron II, Joseph Charles
Barungwi, Amo Obusitswe
Comber, Carolyn Anne
Holden, Michael Thomas
McBaine, Kathryn Elizabeth
Sybertz, Nicholas Michael
Van de Vuurst, Victoria Paige

FORESTRY AND FOREST PRODUCTS

Byers, Alexander Mackenzie
Horton, Celeste Nichole
Ritz, Alison Leigh
Selby, Rebecca Nicole
Strong, Kerrigan Ann
Wang, Haoyu

COLLEGE OF SCIENCE MASTER OF ARTS IN DATA ANALYSIS AND APPLIED STATISTICS

Abraham, Elsheba K.
Bahja, Jonilda
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Du, Chenguang
Hori, Kazuki
McNamee, Michael Robert
Rohani, Sadaf
Rost, Emily Alexis
Sturdivant, Manasia Gabrielle
Wells, Adam Yates
Xu, Hao
Yao, Zhenyu

GEOGRAPHY

Boza Carbonell, Karla Maria

**MASTER OF SCIENCE
BIOLOGICAL SCIENCES**

Hucul, Catherine Elizabeth

Rogers, Jessie Michaela

Venkatesan, Lavanya

Wax, Noah David

CHEMISTRY

Bukhari, Syeda Anam

Miller, Harrison Olie

Siegal, Harrison Joseph

Stovall, Benjamin Joseph

Tabassum, Anika

Yuan, Mingyu

GEOSCIENCES

Anderson, Dalton Curtis

Humm, Cathleen Hana

Rothschild, Tyler James

MATHEMATICS

Fowler, Garrett Michael

Heitzman-Breen, Nora Grace

Kump, Joseph Lee

Murphy, Quiyana Monet

Nardella, Nicole Lynn

Nguyen, Thaovy Tuong

Shedlock, Andrew James

Summers, Kevin Barrett

Vennos, Amy Demetra Geae

Wills, Michael Thomas

Zigic, Jovan

PHYSICS

Delgadillo Franco, Luis Angel

Jackson, David Andrew

PSYCHOLOGY

DeLucia, Elizabeth Anne

Fok, Megan

George, Brianna Amber

Minton, Brandon Tyler

Phillips, Jennifer Julia

Sanders, Christopher T.

Swanson, Courtney

Taylor, Caroline Hamilton

Zerrouk, Mohamed

STATISTICS

Bae, Eric

Golovkina, Olga

Guthrie, Adeline Pearl

Kim, Jaiyool

Le, Minh Duc

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

Abramson, Jaclyn Faith

Blackwell, Lauren

Bowers, Sade Cairns

Byrwa, Kendra Leigh

Choate, Benjamin James

Diggs, Adrienne Leigh

Emerson, Emily Anne

Fleckenstein, Sara E.

Gutierrez Matos, Maria Fernanda

Hines, Elizabeth Suzanne

Hoyt, Emily Katherine

Hubbard, Marya Lynn

Laird, Andrea Lynn

Lang, Laura Christine

Legg, Sarah Elizabeth

Loving, Chloe Victoria

Markwalter, Theresa Holland

Marti, Caroline Patricia

Miller, Samuel Alexander

Neveldine, Teagan Elise

Niesen, Callyn Ruth

Ragsdale, Thomas Lane

Reed, Hannah Claire

Senger, Sterling Mackenzie

Smith, Lauren Elizabeth

Turner, Breana Gabrielle

Weekes, Sakina Autumn

Willis, Rebekka Paige

York, Laura Danielle

MASTER OF SCIENCE

**BIOMEDICAL &
VETERINARY SCIENCES**

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Drury, Adam Gardner

Hansford, Jeremy Dustin

Kwapisz, Lina

Tasdemioglu, Yagmur

Villm, Jessica Ann

**INTERDISCIPLINARY
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**MASTER OF INFORMATION
TECHNOLOGY**

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Alfano, Anya E.

Ament III, Stuart Ryland

Bahia, Jaswant

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Belan Jr., Martin Scott

Brooks, Stephen W.

Caravello, Michael W.

Castillo, Alfonso Ivan
Christensen, Bryan Joseph
Christy, Daniel Thomas
Clements, Nicholas Austin
Cotto Santos, Nephtali Felix
Curry, Preston Edward
Deskins, Jonathan Douglas
dos Anjos Araujo, Daniel Bruno
Dunne, Andrew Patrick
Elam, Chris
Ezeagu, Yvonne Onyenye
Fisher, Kara Whitehead
Galesi, Sabrina
Gupta, Bhavna
Hansen, Jon Tyler
Hayes, Chet David
Hughes, Domenic Joseph
Hughston, Eric
Hutchison, Joshua John
Jarrett, Courtney Joshua Francis
Jimenez, Richard Martinez
Kepfer, Matthew Smith
Khan, Rabee Ahmed
Kurtzman, Julie Simone
Loving Jr., William
Lucero, Warren S.
Marya, Rohan
Masinsin, Taylor Rey

Mason, Rhett Cameron
Massalskiy, Alexey
McCarty, Gregory Walter
McDermott, Alex Michael
McPhail, Anthony E.
Milestone, Paul Aaron
Murphy, Stephen David
Neo, Austin Huiyuan
Nicholson, Shawn Lee
Nimmer, George Elias
O'Neill, Jonathan Carl
Oh, Seunghwan
Pal, Arup Kumar
Pantall, Robert Nicholas
Parsons, Andrew Paul
Patel, Karishma Tejash
Patel, Nikhil Harilal
Phillips, Trey Ross
Pirooznia, Payam
Pokharel, Sneha
Ramirez, Javier M.
Rana, Akhlaq Ahmad
Ratliff, Andrew Carl
Roberts, Patrick Samuel
Robertson, Matthew Scott
Sandness, Scott Allyn
Shade, Brian Michael
Shepherd, Charles Thomas

Shrestha, Prabin

Smart, Preston Raymond

Smith, Blake Elliot

Torres, Nicholas S.

Trieu, Jacob Addison

Votroubek, Catherine Elizabeth

Wesley, Richard William

Wilson, Dean Alan

Woldemariam, Ayele Feleke

Zhou, Jimmy

GRADUATE CERTIFICATES

APPLIED STATISTICS

Courtney, Brian James

Curry, Preston Edward

Duester, Brett M.

Hansen, Jon Tyler

Jimenez, Richard Martinez

Lattus, Nathan Kemerer

Neo, Austin Huiyuan

Nimmer, George Elias

O'Neill, Jonathan Carl

Torres, Nicholas Stephen

Votroubek, Catherine Elizabeth

Wilson, Dean A.

BIG DATA

Deskins, Jonathan Douglas

Hutchison, Joshua John

Massalskiy, Alexey

BUSINESS DATA ANALYTICS

Dunne, Andrew Patrick

Massalskiy, Alexey

McCarty, Gregory Walter

Torres Duran, Edwin

Trieu, Jacob Addison

CYBERSECURITY MANAGEMENT

Milestone, Paul Aaron

CYBERSECURITY POLICY

Ament, Stuart Ryland

Hughes, Domenic Joseph

Miller, Jeffrey Clark

Wesley, Richard William

CYBERSECURITY TECHNOLOGIES

Alfano, Anya Elizabeth

Ament, Stuart Ryland

Belan, Martin Scott

Butler, Jason Michael

Castillo, Alfonso Ivan
Deskins, Jonathan Douglas
Elam, Chris
Kee, Harrison Edward
Kurtzman, Julie Simone
Lucero, Warren Scorr
McCarty, Gregory Walter
McPhail, Anthony E.

DATA ANALYTICS

Al Ameedi, Mohannad Dhia Hamdy
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Wei, Gengrui

DATABASE MANAGEMENT

Nicholson, Shawn Lee

FUTURE PROFESSORiate

Alsobhi, Rania Masoud M.
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Farrell, Kayla Brianne
Herath Mudiyansele, Rathsara Rasanjalee
Herath
Hoagland, Steven William

Knight, Andrew Marshall
Kuneyl, Hannah Michelle
Linares Garcia, Daniel Antonio
Nagurney, Alexandra Bobiak
Razavi Borghei, Seyyed Moein
Senger, Sterling Mackenzie
Smith, Gabrielle Lee
Stine, Caleb Allan
Sugati, Alsaleh Tariq
Svyantek, Martina V.
Vaidya, Kedar Sanjay
Vieira Carneiro, Renata Caroline
Wusk, Grace Caroline

GEOspATIAL INFORMATION TECHNOLOGY

Lang, Laura Christine
Marti, Caroline Patricia

GERONTOLOGY

Du, Chenguang
York, Laura Danielle

GLOBAL PLANNING AND INTERNATIONAL DEVELOPMENT STUDIES

Blackwell, Lauren
Niesen, Callyn Ruth

GLOBAL SUSTAINABILITY

Baugher, Brooke Erin
Bontell, Stephanie Ann
Bray, Corey Stephen
Cheso, Katherine Ann
Coffey Hensley, Lindsay Elizabeth
Frazer, Brian Maurice
Gott, Catherine Elizabeth
Luczynski, Lia Sullins
McNally, Erin
Mevoli, Andreana
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INCLUSION AND DIVERSITY

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**INTERDISCIPLINARY WATER
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