FALL 2020

THE GRADUATE SCHOOL
Dean Karen P. DePauw

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
DOCTOR OF PHILOSOPHY

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

AGRICULTURAL AND EXTENSION EDUCATION

December 17, 2020

Greaud, Michelle L.
Preparation of Career and Technical Education Teachers to Work with Students with Special Needs
Committee Chair: Prof. D. M. Westfall-Rudd

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

August 14, 2020

Lovely, Stephanie Anne
The Greenway Trail in Community Development: An Examination of Value, Representation, and Distribution of Benefits Among Stakeholders
Committee Chair: Prof. R. D. Rudd

ANIMAL AND POULTRY SCIENCES

December 17, 2020

Kroscher, Kellie Ann
Nutritional Strategies to Improve Pig Growth and Performance
Committee Chair: Prof. R. P. Rhoads, Jr.

Zhu, Jing
The Modulation of Autoimmune Disease Progression in Mouse Models
Committee Chair: Prof. C. M. Leeth

Zumbaugh, Charles Arthur
Nutritional Strategies for Growing Cattle in the Southeastern United States
Committee Chair: Prof. T. B. Wilson

Zumbaugh, Morgan Daughtry
Exploring a Nutrient Sensor as a Means to Improve Animal Growth
Committee Chair: Prof. D. E. Gerrard

August 14, 2020

Khodambashi Emami, Nima
Managing Poultry Gut Integrity, Immunity and Microbial Balance During Necrotic Enteritis Challenge
Committee Chair: Prof. R. A. Dalloul

Uh, Kyung-Jun
Maintaining Proper Levels of DNA Methylation Marks Through the TET Family is Critical for Normal Embryo Development in Pigs
Committee Chair: Prof. K. Lee

ANIMAL SCIENCE, DAIRY

December 17, 2020

Owens, Connor Emmet
Phenotypic and Microbial Influences on Dairy Heifer Fertility and Calf Gut Microbial Development
Committee Chair: Prof. R. Cockrum

BIOCHEMISTRY

December 17, 2020

Ahmed, Tahmina Hossain
Underlying Mechanisms of Juvenile Jormone (JH) and Its Analog in Regulating Mosquito Reproduction
Committee Chair: Prof. J. Zhu

Umana Torres, Ariana
Mechanistic Studies of Fusobacterium Genetic and Defense Systems
Committee Chair: Prof. D. J. Slade

CROP AND SOIL ENVIRONMENTAL SCIENCES

December 17, 2020

DeVilbiss, Stephen Edward
Effects of Freshwater Salinization and Associated Base Cations on Bacterial Ecology and Water Quality
Committee Chair: Prof. B. D. Badgley and Prof. M. K. Steele
Hilaire, Sheldon Shervon  
Impact of Agricultural Practices on Manure Borne Antimicrobial Resistant Elements (AREs) in Agroecosystems  
Committee Chair: Prof. K. Xia  

August 14, 2020

Pearce, Austin Willis  
Moving Virginia Dairy Farms Toward Phosphorus Balance  
Committee Chair: Prof. R. O. Maguire  

ECONOMICS  
December 17, 2020

Zhang, Zeya  
Three Essays on Development Economics in Sub-Saharan African Countries  
Committee Chair: Prof. J. R. Alwang and Prof. K. M. Cobourn  

August 14, 2020

Villacis-Aveiga, Alexis Homero  
Empirical Studies in Production Economics and International Agricultural Development Issues  
Committee Chair: Prof. G. W. Norton and Prof. J. R. Alwang  

FOOD SCIENCE AND TECHNOLOGY  
December 17, 2020

Hughes, Michael Douglas  
Investigating the Influence of Aged and Non-Aged Garlic Extracts on the Biosynthesis of Gut Microbial Metabolite Trimethylamine N-Oxide  
Committee Chair: Prof. M. A. Ponder  

Kang, David Suk-Kee  
Quantitative Microbial Risk Assessment Model to Estimate Exposure to Campylobacter from Consumption of Chicken in the United States  
Committee Chair: Prof. J. D. Eifert  

August 14, 2020

Jin, Qing  
Process Design and Techno-Economic Analysis of an Integrated Grape Pomace Biorefinery  
Committee Chair: Prof. H. Huang  

Schonberger, Harry Lester  
Food Safety Education Challenges and Opportunities in Virginia's Food Recovery Organizations  
Committee Chair: Prof. R. R. Boyer  

HORTICULTURE  
December 17, 2020

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

HUMAN NUTRITION, FOODS AND EXERCISE  
December 17, 2020

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

Rincon Gallardo Patino, Sofia  
Challenges and Opportunities for Member States to Implement Resolution WHA63.14 to Restrict the Marketing of Unhealthy Food and Non-alcoholic Beverage Products to Children to Decrease Global Obesity and Non-Communicable Disease Risks by 2025  
Committee Chair: Prof. V. I. Kraak  

Steketee, Abby Meadema  
Methods, Paradigms, and Practices: Advancing Dissemination and Implementation Science  
Committee Chair: Prof. S. M. Harden  

PLANT PATHOLOGY, PHYSIOLOGY AND WEED SCIENCE  
December 17, 2020

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 That Govern Zoysiagrass Response to Herbicides Applied During Spring Green-up
Committee Chair: Prof. S. D. Askew

COLLEGE OF ARCHITECTURE AND URBAN STUDIES
ARCHITECTURE AND DESIGN RESEARCH
December 17, 2020
Lee, Hana
A Collective Sense of Place and the Image of the City @ Urban Public Spaces: Social Media Content Analysis of Pictures and Hashtags on Instagram
Committee Chair: Prof. M. Kim

ENVIRONMENTAL DESIGN AND PLANNING
August 14, 2020
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

PLANNING, GOVERNANCE, AND GLOBALIZATION
December 17, 2020
Chen, Kaiwen
Analysis and Management of UAV-Captured Images Towards Automation of Building Facade Inspections
Committee Chair: Prof. G. Reichard

PUBLIC ADMINISTRATION/PUBLIC AFFAIRS
December 17, 2020
Spencer-Gallucci, Jessica Lee
An Exploration of Inclusive Management Practices: Through the Lenses of Public Managers
Committee Chair: Prof. M. M. Dull

Cranwell, Lindy B.
University Comprehensive Internationalization (CI):
Faculty Meaning-Making, Motivations, and Perceptions for Engaging Globally
Committee Chair: Prof. M. O. Stephenson, Jr. and Prof. D. R. Simmons

Donahue, Connor Patrick
Mare Imperium: The Evolution of Freedom of the Seas Discourse in U.S. Foreign Policy
Committee Chair: Prof. T. W. Luke and Prof. I. Stivachtis

Merabishvili, Gela
The Politics of Border Walls in Hungary, Georgia and Israel
Committee Chair: Prof. G. Toal

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

Agnew, Jessica Lauren
Buying to Thrive: Exploring the Potential for Market-Based Approaches to Contribute to Increases in Diet Diversity in Mozambique
Committee Chair: Prof. K. Boyle and Prof. R. P. Hall

Camacho Carvajal, Luis Felipe
Technology, Participatory Management Practices (PMP), and Dignity at Work: Negotiating the Use of Technology in a Plastics Packaging Firm
Committee Chair: Prof. R. P. Hall

White, Daniel M
Sport and Social Capital: Perceptions of Sport for Development Organization Leaders' in Kigali, Rwanda
Committee Chair: Prof. M. O. Stephenson, Jr.
PAMPLIN COLLEGE OF
BUSINESS

BUSINESS, ACCOUNTING AND
INFORMATION SYSTEMS

August 14, 2020

Hale, Kevin Jackson
The Impact of Constraining Auditor Behavior and
Audit Committee Questioning on Non-GAAP
Reporting Decisions
Committee Chair: Prof. S. Bhattacharjee

BUSINESS, FINANCE

August 14, 2020

Li, Fan
Two Essays on Institutional Investors
Committee Chair: Prof. J. Xu

BUSINESS, MARKETING

August 14, 2020

Gupta, Debjit
Essays on the Management of Online Platforms:
Bayesian Perspectives
Committee Chair: Prof. D. Chakravarti and Prof. J. Jiang

COLLEGE OF ENGINEERING

AEROSPACE ENGINEERING

December 17, 2020

Alanbay, Berkan
Static and Free Vibration Analysis of Composite
Laminated and Sandwich Plates Using Ritz Method
Committee Chair: Prof. R. K. Kapania and Prof. R.
C. Batra

Balantrapu, Neelhar Agastya
The Space-time Structure of an Axi-symmetric
Turbulent Boundary Layer Ingested by a Rotor
Committee Chair: Prof. W. J. Devenport

Hickling, Christopher John
Inhomogeneous, Anisotropic Turbulence Ingestion
Noise in Two Open Rotor Configurations
Committee Chair: Prof. W. N. Alexander

Kang, Chang Koo
Development of a Peripheral-Central Vision System
to Detect and Characterize Airborne Threat
Committee Chair: Prof. C. A. Woolsey

Moon, Chi Young
Optical Measurements of Gas Turbine Inlet Ingested
Particles Using Machine Learning
Committee Chair: Prof. K. T. Lowe

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

Somero, John Ryan
Structure and Persistence of Surface Ship Wakes
Committee Chair: Prof. J. A. Schetz and Prof. E. G.
Paterson

Xue, Weicheng
CPU/GPU Code Acceleration on Heterogeneous
Systems and Code Verification for CFD Applications
Committee Chair: Prof. C. J. Roy

August 14, 2020

Ren, Zhongshu
Hydroelasticity of High-Speed Planing Craft Subject
to Slamming Events: An Experimental and
Numerical Investigation of Wedge Water Entry
Committee Chair: Prof. C. M. Gilbert

Sharma, Harsh Apurva
Structure-preserving Numerical Methods for
Engineering Applications
Committee Chair: Prof. C. A. Woolsey and Prof. M.
J. Patil
Wagner, Katherine Mott
Optimization of Disaggregated Space Systems Using the Disaggregated Integral Systems Concept
Optimization Technology Methodology
Committee Chair: Prof. J. T. Black

BIOLOGICAL SYSTEMS ENGINEERING
December 17, 2020

Ali, Syed Azhar
Sustainable Management of Water Resources and Hydropower Projects in the Context of the Food-Energy-Water Nexus in the Mekong River Basin
Committee Chair: Prof. V. R. Sridhar

Saylor, Kyle Lucas
Computational Evaluation and Structure-based Design for Potentiation of Nicotine Vaccines
Committee Chair: Prof. C. Zhang

Wind, Lauren Lee
Characterizing Antibiotic Resistance in Agroecosystems
Committee Chair: Prof. W. C. Hession and Prof. L. H. Krometis

August 14, 2020

Nayeb Yazdi, Mohammad
Understanding the Role of Scale in Assessing Sediment and Nutrient Loads from Coastal Plain Watersheds Delivered to the Chesapeake Bay
Committee Chair: Prof. D. T. Scott Iv and Prof. D. J. Sample

Thilakarathne, Bandara Mudiyanselage Madusanka Nuwan
Modeling the Dissemination of Antibiotic Resistance in Aquatic Environments
Committee Chair: Prof. V. R. Sridhar

BIOMEDICAL ENGINEERING
December 17, 2020

Eltahir, Amnah Mohamed
Novel Electrochemical Methods for Human Neurochemistry
Committee Chair: Prof. P. R. Montague, Jr.

Garrett, Joel Frederick
Microfluidic Flow Creation in the Insect Respiratory System
Committee Chair: Prof. R. V. Davalos and Prof. J. Socha

Yates, Keegan M
Protection of Rear Seat Occupants Using Finite Element Analysis
Committee Chair: Prof. C. D. Untaroiu

CHEMICAL ENGINEERING
December 17, 2020

An, Yaxin
Transferable Course-grained Models: From Hydrocarbons to Polymers, and Backmapped from Machine Learning
Committee Chair: Prof. L. E. Achenie and Prof. S. A. Deshmukh

Boyce, Kennedy Rose
Committee Chair: Prof. D. G. Baird

Deng, Chengyu
Microfluidics for Low-input Epigenomic Analysis and Its Application to Brain Neuroscience
Committee Chair: Prof. C. Lu

Gilmer, Eric Lee
Physics Based Modeling and Characterization of Filament Extrusion Additive Manufacturing
Committee Chair: Prof. M. J. Bortner

Han, Jier Yang
Generation of Thermotropic Liquid Crystalline Polymers (TLCPs) Reinforced Multi-scale Thermoplastic In Situ Composites with Applications in Injection Molding and Fused Filament Fabrication (FFF)
Committee Chair: Prof. D. G. Baird

Kuo, Chun-Te
Structure Sensitivity in the Subnanometer Regime on Pt and Pd Supported Catalysts
Committee Chair: Prof. A. M. Karim
Williams, Michael Lawrence  
Pressurized Mixtures of Ionic Liquids as Process Solvents for Biomass  
Committee Chair: Prof. E. Kiran

Zhong, Yongliang  
Development of Controlled Ring-Opening Polymerization of O-Carboxyanhydrides  
Committee Chair: Prof. R. Tong

**CIVIL ENGINEERING**

**December 17, 2020**

Aljamal, Mohammad Abdulraheem  
Real-Time Estimation of Traffic Stream Density Using Connected Vehicle Data  
Committee Chair: Prof. H. A. Rakha

Mah, Joshua Turin  
Microbial Communities in Thermal Hydrolysis Pretreatment Anaerobic Digesters  
Committee Chair: Prof. J. T. Novak and Prof. A. N. Godrej and Prof. Z. He

Meroni, Fabrizio Luigi  
Optimizing the Use of Reclaimed Asphalt Pavement (RAP) in Hot Mix Asphalt Surface Mixes  
Committee Chair: Prof. G. W. Flintsch

Quick, Tyler James  
A Framework for Evaluating Liquefaction Triggering Potential Due to Induced Seismicity  
Committee Chair: Prof. J. K. Mitchell and Prof. R. A. Green

Santizo, Katherine Yoana  
Mixing Zones and Mixing Dependent Reactions 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

**August 14, 2020**

Afzalan, Milad  
Data-driven Customer Energy Behavior Characterization for Distributed Energy Management  
Committee Chair: Prof. F. Jazizadeh Karimi

Martin, Rebekah Leighann  
Impact of Premise Plumbing Conditions, Materials, Corrosion Control, Temperature and Water Heater Design on the Growth of Opportunistic Pathogens in Drinking Water  
Committee Chair: Prof. M. A. Edwards

Mirmohammadsadeghi, Navid  
Development of an Aircraft Landing Database and Models to Estimate Aircraft Runway Occupancy Times  
Committee Chair: Prof. A. A. Trani and Prof. S. Hotle

Tola Tola, Adrian Patricio  
Analytical and Experimental Investigation of Low-Cycle Fatigue Fracture in Structural Steel  
Committee Chair: Prof. M. R. Eatherton and Prof. I. Koutromanos

**COMPUTER ENGINEERING**

**December 17, 2020**

Choi, Jin-Woo  
Action Recognition with Knowledge Transfer  
Committee Chair: Prof. J. Huang

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

**August 14, 2020**

Krothapalli, Ujwal K  
Regularization, Uncertainty Estimation and Out of Distribution Detection in Convolutional Neural Networks  
Committee Chair: Prof. A. L. Abbott

**COMPUTER SCIENCE AND APPLICATIONS**

**December 17, 2020**

Cui, Xuewen  
Directive-Based Data Partitioning and Pipelining and Auto-Tuning for High-Performance GPU Computing  
Committee Chair: Prof. W. Feng
Dahshan, Mai Mansour Soliman Ismail
Visual Analysis of High Dimensional Simulation Ensembles
Committee Chair: Prof. C. L. North and Prof. N. F. Polys

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

Muthiah, Sathappan
A Hybrid Micro-Tasking Framework for Event Coding
Committee Chair: Prof. N. Ramakrishnan

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

Zhao, Nannan
Towards a Flexible High-efficiency Storage System for Containerized Applications
Committee Chair: Prof. A. Butt

Ahmadian, Mansooreh
Hybrid Modeling and Simulation of Stochastic Effects on Biochemical Regulatory Networks
Committee Chair: Prof. J. J. Tyson and Prof. Y. Cao

Bharadwaj, Aditya
Mixed-Initiative Methods for Following Design Guidelines in Creative Tasks
Committee Chair: Prof. T. M. Murali and Prof. K. Luther

Chen, Zhiqian
Graph Neural Networks: Techniques and Applications
Committee Chair: Prof. C. Lu

Dash, Sajal
Exploring the Landscape of Big Data Analytics Through Domain-Aware Algorithm Design
Committee Chair: Prof. W. Feng

Forouzesh, Negin
Efficient Biomolecular Computations Towards Applications in Drug Discovery
Committee Chair: Prof. A. Onufriev

Glandon, Steven Ross
Time Integration Methods for Large-scale Scientific Simulations
Committee Chair: Prof. A. Sandu

Gusukuma, Luke Satoru
Misconception Driven Student Analysis Model: Applications of a Cognitive Model in Teaching Computing
Committee Chair: Prof. D. G. Kafura

Jan, Steve T K
Robustifying Machine Learning Based Security Applications
Committee Chair: Prof. G. Wang and Prof. B. Viswanath

Li, Tianyi
Solving Mysteries with Crowds: Supporting Crowdsourced Sensemaking with a Modularized Pipeline and Context Slices
Committee Chair: Prof. C. L. North and Prof. K. Luther

Lux, Thomas Christian Hansen
Interpolants, Error Bounds, and Mathematical Software for Modeling and Predicting Variability in Computer Systems
Committee Chair: Prof. L. T. Watson and Prof. Y. Hong

Masiane, Moeti Moeklesia
Insight Driven Sampling for Interactive Data Intensive Computing
Committee Chair: Prof. C. L. North and Prof. E. J. Jacques

Paul, Arnab Kumar
An Application-Attuned Framework for Optimizing HPC Storage Systems
Committee Chair: Prof. A. Butt

Pratapa, Aditya
Algorithms for Regulatory Network Inference and Experiment Planning in Systems Biology
Committee Chair: Prof. T. M. Murali

Rahaman, Sazzadur
From Theory to Practice: Deployment-grade Tools and Methodologies for Software Security
Committee Chair: Prof. D. Yao

Shukla, Manu
Big Data Tools Based Distribution of Graph and Applied Learning Techniques
Committee Chair: Prof. C. Lu

August 14, 2020
Song, Ziqian  
The Impact of Corporate Crisis on Stock Returns: An Event-driven Approach  
Committee Chair: Prof. E. A. Fox and Prof. W. Fan

Torfi, Amirsina  
Privacy-Preserving Synthetic Medical Data Generation with Deep Learning  
Committee Chair: Prof. E. A. Fox

Wadhwa, Bharti  
Scalable Data Management for Object-based Storage Systems  
Committee Chair: Prof. A. Butt

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**ELECTRICAL ENGINEERING**  
December 17, 2020

Chamas, Ibrahim Ramez  
The Analysis and Design of Phase-tunable Low-Power Low-Phase-Noise I/Q Signal Sources for Analog Phase Calibrated Transceivers  
Committee Chair: Prof. S. Raman

Chatterjee, Shubhajeet  
On Enabling Virtualization and Millimeter Wave Technologies in Cellular Networks  
Committee Chair: Prof. A. B. MacKenzie and Prof. M. J. Abdel-Rahman

Drikas, Zachary Benjamin  
New Techniques for Time-Reversal-Based Microwave Pulse Compression  
Committee Chair: Prof. S. Raman

Feng, Junjie  
Omnidirectional Wireless Power Transfer for Portable Device Application  
Committee Chair: Prof. Q. Li

Feng, Ziang  
Wearable Power Sources and Self-powered Sensors Based on the Triboelectric Nanogenerators  
Committee Chair: Prof. X. Jia

He, Jiaji  
Acoustic Sensor with Solid Waveguide for Structural Health Monitoring in Harsh Environment  
Committee Chair: Prof. A. Wang

Hsieh, Yi-Hsun  
Accurate Small-Signal Modeling for Resonant Converters  
Committee Chair: Prof. F. C. Lee

Huang, Yan  
Real-Time Resource Optimization for Wireless Networks  
Committee Chair: Prof. Y. T. Hou

Huang, Zhengrong  
SiC-Based High-Frequency Soft-Switching Three-Phase Rectifiers/Inverters  
Committee Chair: Prof. Q. Li

Li, He  
Privacy Preserving and Authentication Technologies in Network Applications  
Committee Chair: Prof. J. Park

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

Loghmanna, Pedram  
Time-Variant Components to Improve Bandwidth and Noise Performance of Antennas  
Committee Chair: Prof. M. Manteghi

Mesgarpour Tousi, Maryam  
Electric Field Grading and Electrical Insulation Design for High Voltage, High Power Density Wide Bandgap Power Modules  
Committee Chair: Prof. M. Ghassemi

Naik, Gaurang Ramesh  
Coexistence of Vehicular Communication Technologies and Wi-Fi in the 5 and 6 GHz Bands  
Committee Chair: Prof. J. Park

O'Lone, Christopher Edward  
Statistical Analysis of Geolocation Fundamentals Using Stochastic Geometry  
Committee Chair: Prof. R. M. Buehrer and Prof. H. Dhillon

Ramdas palli, Sneha Raj  
Peak Demand Reduction and Energy Savings in Commercial Buildings Via HVAC Set-point Interventions  
Committee Chair: Prof. S. Rahman
Wu, Ziling
Deep Learning-based Multiscale Structural Representation and Dynamic Damage Pattern Recognition for Natural Cellular Solids
Committee Chair: Prof. Y. Zhu

Yang, Shuo
Femtosecond-Laser-Enabled Fiber-Optic Interferometric Devices
Committee Chair: Prof. A. Wang

Yeh, Chih-Shen
Fully Soft-Switching Modulation Method for SRC-Unfolding Inverter
Committee Chair: Prof. J. S. Lai

Yellu, Augustine Dormorvi
Second Harmonic Generation Stimulated Electromagnetic Emissions During High Power High Frequency Radio Wave Interaction with the Ionosphere
Committee Chair: Prof. W. A. Scales

Ramezanpour, Keyvan
A Deep Learning Approach to Side-Channel Analysis of Cryptographic Hardware
Committee Chair: Prof. W. J. Diehl and Prof. P. K. Ampadu

Rao, Raghunandan M.
Enhancing Performance of Next-Generation Vehicular and Spectrum Sharing Wireless Networks: Practical Algorithms and Fundamental Limits
Committee Chair: Prof. J. H. Reed and Prof. V. Marojevic

Saha, Chiranjib
Advances in Stochastic Geometry for Cellular Networks
Committee Chair: Prof. H. Dhillon

An, Hongyu
Powering Next-Generation Artificial Intelligence by Designing Three-dimensional High-Performance Neuromorphic Computing System with Memristors
Committee Chair: Prof. Y. Yi

Bedoya Ceballos, Juan Carlos
Committee Chair: Prof. V. A. Centeno and Prof. C. Liu

Chetlur Ravi, Vishnu Vardhan
Stochastic Geometry for Vehicular Networks
Committee Chair: Prof. H. Dhillon

Ferdowski Khosrowshahi, Aidin
Distributed Machine Learning for Autonomous and Secure Cyber-physical Systems
Committee Chair: Prof. W. Saad

Lee, Moonhyun
Digital-Based Zero-Current Switching (ZCS) Control Schemes for Three-Level Boost Power-Factor Correction (PFC) Converter
Committee Chair: Prof. J. S. Lai

ENGINEERING EDUCATION

August 14, 2020

Kinoshita, Timothy Jon
An Exploration of the Enrollment and Outcomes of the Virginia Governor's STEM Academies
Committee Chair: Prof. D. B. Knight

ENGINEERING MECHANICS

December 17, 2020

Alnuaimi, Saeed Khalfan
Phenomenological Model of Piezoelectric Energy Harvesting From Galloping Oscillations and Remote Vibration Sensing
Committee Chair: Prof. S. A. Ragab and Prof. M. R. Hajj

Jahromi Shirazi, Masoud
Dynamics of Multi-agent Systems with Bio-inspired Active and Passive Sensing
Committee Chair: Prof. N. T. Abaid

Meesala, Vamsi Chandra
Nonlinear Effects in Contactless Ultrasound Energy Transfer Systems
Committee Chair: Prof. M. R. Hajj and Prof. S. Shahab
August 14, 2020

Bakhtiari Nejad, Marjan
Dynamics of Multi-functional Acoustic Holograms in Contactless Ultrasonic Energy Transfer Systems
Committee Chair: Prof. S. Shahab

Dupuis, Eric Donald
Electro-Elastic Modeling and Testing of Direct Contact Ultrasonic Clothes Drying Systems
Committee Chair: Prof. S. Shahab

Hossain, Md monir
Computational Analysis of Internal Coral Hydrodynamics
Committee Chair: Prof. A. E. Staples

INDUSTRIAL AND SYSTEMS ENGINEERING

August 14, 2020

Darabi, Negar
A Multi-Level Analysis of Major Health Challenges in the United States Using Data Analytics Approaches
Committee Chair: Prof. N. Hosseinichimeh

Li, Yifu
Data Filtering and Modeling for Smart Manufacturing Network
Committee Chair: Prof. R. Jin

MECHANICAL ENGINEERING

December 17, 2020

Bateni, Vahid
Isogeometric Approach to Optical Tomography
Committee Chair: Prof. R. L. West, Jr.

Kubalak, Joseph Riley
Optimizing Topology and Toolpath Through Layerless Multi-Axis Material Extrusion of Composites
Committee Chair: Prof. A. L. Wicks and Prof. C. B. Williams

Li, Liurui
The Material Separation Process for Recycling End-of-life Li-ion Batteries
Committee Chair: Prof. Z. Li

Li, Xiaofan
Design, Analysis and Testing of a Self-reactive Wave Energy Point Absorber with Mechanical Power Take-off
Committee Chair: Prof. L. Zuo

Munir, Nazia Binte
Manufacture and Characterization of Gold-Black and Prediction and Measurement of Its Directional Spectral Absorptivity
Committee Chair: Prof. J. R. Mahan

Nazari, Ashkan
Multi-scale FE Modeling of Rubber Friction Toward Prediction of Hydroplaning Potential
Committee Chair: Prof. S. Taheri

Njaka, Taylor Dean
Design, Simulation, and Experimental Validation of a Novel High-Speed Omnidirectional Underwater Propulsion Mechanism
Committee Chair: Prof. P. Ben-Tzvi and Prof. S. Brizzolara

MATERIALS SCIENCE AND ENGINEERING

December 17, 2020

Scherbarth, Austin Daniel
The Role of Surface Preparation of Reaction Bonded Silicon Carbide and Process Parameters in Plasma Sprayed Silicon Coating Adhesion and Splat Behavior
Committee Chair: Prof. G. R. Pickrell

Yang, Ni
Fundamental Understanding and Functionality of Silicon Oxycarbide
Committee Chair: Prof. P. Lu
Paruchuri, Sai Tej  
Modeling and Estimation of Linear and Nonlinear Piezoelectric Systems  
Committee Chair: Prof. A. J. Kurdila

Radmehr, Ahmad  
Experimental Evaluation of Wheel-Rail Interaction  
Committee Chair: Prof. M. Ahmadian

Saltzman, Ashley Joelle  
Spatiotemporally-resolved Velocimetry for the Study of Large-scale Turbulence in Supersonic Jets  
Committee Chair: Prof. W. Ng and Prof. K. T. Lowe

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

Sturm, Logan Daniel  
Cyber-Physical Security for Additive Manufacturing Systems  
Committee Chair: Prof. C. B. Williams

Yin, Xiaoyan  
Study of the Biosonar System of Living Bat and its Biomimetic Reproductions  
Committee Chair: Prof. R. Mueller

August 14, 2020

Lee, Hyeon  
Spatial Audio for Bat Biosonar  
Committee Chair: Prof. M. J. Roan

Lu, Yingqi  
Green Sustainable Manufacturing and Direct Recycling of Lithium-Ion Batteries  
Committee Chair: Prof. Z. Li

Talamadupula, Krishna Kiran  
Computational Investigation of Strain and Damage Sensing in Carbon Nanotube Reinforced Nanocomposites with Descriptive Statistical Analysis  
Committee Chair: Prof. G. D. Seidel

Tenney, Charles M.  
Impedance-based Nondestructive Evaluation for Additive Manufacturing  
Committee Chair: Prof. P. A. Tarazaga and Prof. C. B. Williams

MINING ENGINEERING

December 17, 2020

Lado, Flora Eyoha Severino  
Thermal Enhanced Oil Recovery and Potential Benefits for Use of Produced Water for Agriculture and Food Security: A Case Study of Oil Fields in South Sudan  
Committee Chair: Prof. N. S. Ripepi

August 14, 2020

Du, Fengshuang  
Investigation of Nanopore Confinement Effects on Convective and Diffusive Multicomponent Multiphase Fluid Transport in Shale using In-House Simulation Models  
Committee Chair: Prof. B. Nojabaei

NUCLEAR ENGINEERING

December 17, 2020

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. Haghighat

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

CURRICULUM AND INSTRUCTION

December 17, 2020

Alshammari, Mohammed Habib  
Investigating the Faculty Behavioral Intentions to Adopt Learning Management Systems (LMSs) in a Higher Education Institution in Saudi Arabia  
Committee Chair: Prof. K. R. Potter

Alshehri, Khaled Ghanem  
Technology Adoption and Integration at a University in Saudi Arabia: A Descriptive Study  
Committee Chair: Prof. B. B. Lockee
A Longitudinal Examination of Family Factors in Childhood Anxiety: The Role of Parental Anxiety and Child Emotion Dysregulation
Committee Chair: Prof. M. L. Dolbin-MacNab and Prof. C. Shivers

Natwick, Jameson Eric
Parental Experiences of Self-Identity and Family Identity After a Child Acquires an Acquired Brain Injury
Committee Chair: Prof. M. L. Dolbin-MacNab and Prof. C. Shivers

RHETORIC AND WRITING

December 17, 2020

Murray, Savannah Paige
The Dam Fighters: Commons Environmental Rhetoric, Rhetorical Citizenship, and Local Ethos
Committee Chair: Prof. K. M. Powell
Natishan, Georgia Kathryn
Standards, Shame, and Outrage: A Rhetorical History of Sexual Assault and Policy Change in the US Military
Committee Chair: Prof. K. M. Powell

August 14, 2020

SCIENCE AND TECHNOLOGY STUDIES

December 17, 2020

Kleine, Marie
Proselytizing Problem-Solving: The Religious and Secular Values of Engineering for Good
Committee Chair: Prof. M. Wisnioski

Kleine, Marie
Proselytizing Problem-Solving: The Religious and Secular Values of Engineering for Good
Committee Chair: Prof. M. Wisnioski

August 14, 2020

Lotfi, Sarvnaz
Capitalizing the Measure of Our Ignorance: A Pragmatist Genealogy of R&D
Committee Chair: Prof. D. Breslau

August 14, 2020

SOCIAL, POLITICAL, ETHICAL, AND CULTURAL THOUGHT

December 17, 2020

Berrada, Nada
Contextualizing Everyday Practices of Agency Among Moroccan Youth
Committee Chair: Prof. M. O. Stephenson, Jr.

Seref, Ezgi
Transforming Gender and Sexuality at the Intersection of Personal, Political, and Professional: The Promise of Legal Change in (Un)Becoming Advocate (Avukat) in Turkey
Committee Chair: Prof. D. L. Brunsma

SOCIOLOGY

December 17, 2020

Raonka, Pallavi
Munda Politics and Land: Understanding Indigeneity in Jharkhand, India
Committee Chair: Prof. D. W. Wimberley and Prof. N. M. Copeland

August 14, 2020

Lellock, John Slade
Crafting Legitimacy: Status Shifts, Critical Discourse, and Symbolic Boundaries in the Cultural Field of Craft Beer in the United States from 2002 to 2017
Committee Chair: Prof. D. L. Brunsma

Mondal, Lipon Kumar
From Dispossession to Surplus Production: A Theory of Capitalist Accumulation in Neoliberal Bangladesh
Committee Chair: Prof. D. L. Brunsma and Prof. N. M. Copeland

Robinson, Lisa Michelle
Milner's Theory of Status Relations and Cyberbullying Among U.S. Adolescents
Committee Chair: Prof. J. E. Hawdon

COLLEGE OF NATURAL RESOURCES & ENVIRONMENT

FISHERIES AND WILDLIFE

December 17, 2020

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

Hyde, Miluska Olivera
Development of Molecular and Morphological Resources for Identification and Monitoring of Freshwater Mussel Species in the Genera Fusconaia and Pleurobema in the Green River, Kentucky
Committee Chair: Prof. J. W. Jones and Prof. E. M. Hallerman
August 14, 2020

Bi, Rujia
Bayesian Hierarchical Approaches to Analyze Fish Spatiotemporal Dynamics
Committee Chair: Prof. Y. Jiao

FORESTRY AND FOREST PRODUCTS

December 17, 2020

Adhikari, Sailesh
Assessment of Cross Laminated Timber Markets for Low Value Hardwood Lumber
Committee Chair: Prof. H. J. Quesada

Ahlsweide, Benjamin James
Fluxes of Carbon, Water, and Energy Between Managed Ecosystems and the Atmosphere in Virginia
Committee Chair: Prof. R. Q. Thomas

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

Molina Montoya, Eduardo
Modeling of the Fundamental Mechanical Interactions of Unit Load Components During Warehouse Racking Storage
Committee Chair: Prof. L. Horvath

August 14, 2020

Steele, Jason Keith
Assessment of Silvicultural Practices to Improve Survival and Growth of Pioneer and Mid-successional Hardwoods on Old Field Restoration Sites
Committee Chair: Prof. W. M. Aust and Prof. J. R. Seiler

COLLEGE OF SCIENCE

BIOLOGICAL SCIENCES

December 17, 2020

Camper, Gary James
Secretion of a Von Willebrand Factor Domain Containing Protein is Dependent on Type IV Pili In

the Gram-positive Anaerobe Clostridium Perfringens
Committee Chair: Prof. S. B. Melville

McClure, Ryan Paul
The Drivers of Freshwater Reservoir Biogeochemical Cycling and Greenhouse Gas Emissions in a Changing World
Committee Chair: Prof. C. C. Carey

Song, Wei
Structural Basis for Sulfatide Recognition by Disabled-2
Committee Chair: Prof. D. G. Capelluto

August 14, 2020

Bartholomew, Holly Packard
In Planta Studies of the Corn Pathogen Pantoea stewartii subsp. stewartii and Applications of a Corn-based Industrial Byproduct
Committee Chair: Prof. A. M. Stevens

Compton, Keith Karl
The Nature of Host Plant Recruitment by the Sensory Repertoire of Sinorhizobium Meliloti
Committee Chair: Prof. B. Scharf

Whitehead, John Gardner
An Examination of the Kinematics and Behavior of Mallards (Anas platyrhynchos) During Water Landings
Committee Chair: Prof. I. T. Moore and Prof. J. Socha

CHEMISTRY

December 17, 2020

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

Kessinger, Matthew Carl
The Influence of Inner-Sphere Reorganization on Rates of Interfacial Electron Transfer in Transition Metal-Based Redox Electrolytes
Committee Chair: Prof. A. Morris
Nichols, Brittany Lynn
Expanding the Potential of Polysaccharide Based Materials for Therapeutic Delivery Applications
Committee Chair: Prof. K. J. Edgar

Orsino, Christina Marie
Influence of Sidechain Structure and Interactions on the Physical Properties of Perfluorinated Ionomers
Committee Chair: Prof. R. B. Moore III

Pearce, Kirk C.
Advanced Quantum Mechanical Simulations of Vibrational Circular Dichroism Spectra
Committee Chair: Prof. D. Crawford

August 14, 2020

Ding, Sha
Novel Antimalarial Compounds from the Optimization of the Malaria Box
Committee Chair: Prof. P. R. Carlier

Sibley, Christopher David
Design and Synthesis of Orally Bioavailable Sphingosine Kinase 2 Selective Inhibitors
Committee Chair: Prof. W. Santos

ECONOMICS, SCIENCE

December 17, 2020

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

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

August 14, 2020

Zhang, Xiaomeng
Experiential and Neurobiological Influences on Economic Preferences and Risky Decision Making
Committee Chair: Prof. S. B. Ball and Prof. A. C. Smith

GEOSCIENCES

December 17, 2020

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

Marroquin, Selva Mariana
Evaluating Redox Cycling Across the Toarcian Oceanic Anoxic Event with Implications for Paleo-environmental Reconstructions and Organic Matter Sulfurization
Committee Chair: Prof. B. C. Gill

Njinju, Emmanuel Atem
A Geodynamic Investigation of Magma-Poor Rifting Processes and Melt Generation: A Case Study of the Malawi Rift and Rungwe Volcanic Province, East Africa
Committee Chair: Prof. D. S. Stamps

Rajaonarison, Tahiry Andriantsoa
A Geodynamic Investigation of Continental Rifting and Mantle Rheology: Madagascar and East African Rift Case Studies
Committee Chair: Prof. D. S. Stamps

Sendula, Eszter
Role of Fluids in Geological Processes
Committee Chair: Prof. R. J. Bodnar

August 14, 2020

Hoeher, Alexandria Janson
Chemical Controls on the Formation of Amorphous and Crystalline Calcium Phosphates
Committee Chair: Prof. F. M. Michel

Wu, Hao
Numerical Investigations of Geologic CO2 Sequestration Using Physics-Based and Machine Learning Modeling Strategies
Committee Chair: Prof. R. Pollyea

MATHEMATICS

December 17, 2020

Gamble, Stephanie Nicole
Conical Intersections and Avoided Crossings of Electronic Energy Levels
Committee Chair: Prof. G. A. Hagedorn
Posthumous

Watson, Kevin Lee
Students' Conceptions of Normalization
Committee Chair: Prof. M. Wawro

August 14, 2020

Carracedo Rodriguez, Andrea
Approximation of Parametric Dynamical Systems
Committee Chair: Prof. S. Gugercin

Sinani, Klajdi
Finite Horizon Optimality and Operator Splitting in
Model Reduction of Large-Scale Dynamical System
Committee Chair: Prof. S. Gugercin

PHYSICS

December 17, 2020

Jiang, Zijian
Spin States in Bismuth and Its Surfaces: Hyperfine
Interaction
Committee Chair: Prof. J. J. Heremans

Li, Shengchao
Detection of Antineutrinos at the North Anna Nuclear
Generating Station
Committee Chair: Prof. J. M. Link

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

Serrao, Shannon Reuben
Stochastic Effects on Extinction and Pattern
Formation in the Three-species Cyclic May-Leonard
Model
Committee Chair: Prof. U. C. Tauber

Subedi, Tulasi Prasad
Observation of Reactor Antineutrinos with the
CHANDLER Detector
Committee Chair: Prof. J. M. Link

August 14, 2020

Cui, Wei
Applications of Numerical Methods in Heterotic
Calabi-Yau Compactification
Committee Chair: Prof. J. A. Gray

PSYCHOLOGY

December 17, 2020

Liu, Ran
Fearful Temperament in Middle Childhood and
Anxiety Symptoms in Adolescence: The Roles of
Attention Biases, Effortful Control, and Frontal EEG
Asymmetry
Committee Chair: Prof. M. Bell

August 14, 2020

Brown, James Michael
Is Gloss a Cue for Real-World Object Size?
Committee Chair: Prof. A. Cate

Delk, Lauren Annabel
Assessment of Criminal Thinking as a Predictor and
Mediator of Behavior Problems in a Community
Youth Sample
Committee Chair: Prof. L. D. Cooper

DeVore, Benjamin Bradford
Posttraumatic Stress Disorder Vulnerability in
Women: The Neuropsychological Impact of
Emotional Trauma from Rape
Committee Chair: Prof. D. W. Harrison

McCurry, Katherine Lorraine
Translational Neuroimaging of Emotion Processes in
Posttraumatic Stress Disorder and Depression
Committee Chair: Prof. P. H. Chiu

Wang, John M
Trajectories of Risk Learning and Real-World Risky
Behaviors During Adolescence
Committee Chair: Prof. P. H. Chiu

STATISTICS

December 17, 2020

Huo, Shuning
Bayesian Modeling of Complex High-dimensional
Data
Committee Chair: Prof. H. Zhu

Lu, Danni
Representation Learning Based Causal Inference in
Observational Studies
Committee Chair: Prof. F. Guo
August 14, 2020

Gao, Wenyu
Advanced Nonparametric Bayesian Functional Modeling
Committee Chair: Prof. I. Kim

Kim, Byung-Jun
Semiparametric & Nonparametric Methods for Complex Data
Committee Chair: Prof. I. Kim

Kodali, Lata
Extensions of Weighted Multidimensional Scaling with Statistics for Data Visualization and Process Monitoring
Committee Chair: Prof. L. L. House and Prof. S. Sengupta

Xu, Yunnan
Statistical Methods for In-session Hemodialysis Monitoring
Committee Chair: Prof. P. Du

Zhang, Boya
Computer Experimental Design for Gaussian Process Surrogates
Committee Chair: Prof. R. B. Gramacy

INTERDISCIPLINARY DEGREES

GENETICS, BIOINFORMATICS AND COMPUTATIONAL BIOLOGY

December 17, 2020

Law, Jeffrey Norman
Development and Application of Network Algorithms for Prediction of Gene Function and Response to Viral Infection and Chemicals
Committee Chair: Prof. T. M. Murali

August 14, 2020

Lee, Jiyoung
Computational Analysis of Gene Expression Regulation from Cross Species Comparison to Single Cell Resolution
Committee Chair: Prof. S. Li

INDIVIDUAL INTERDISCIPLINARY PHD

December 17, 2020

Rhoades, Michael Jewell
Composing Holochoric Visual Music: Interdisciplinary Matrices
Committee Chair: Prof. Z. R. Duer

THE VIRGINIA-MARYLAND COLLEGE OF VETERINARY MEDICINE

BIOMEDICAL & VETERINARY SCIENCES

August 14, 2020

Schroeder, Betsy
Finding Typhoid Mary: Identifying Latent Carriers of Salmonella enterica serovar Typhimurium
Committee Chair: Prof. N. Sriranganathan

Waldrop, Steven G
Rough Leucine Auxotrophic Strains of Brucella Expressing Salmonella Flagellin C Conjugated Gonadotropins: An Immunococontrceptive Brucellosis Vaccine for Feral Swine Population Control
Committee Chair: Prof. N. Sriranganathan

MACROMOLECULAR SCIENCE AND ENGINEERING

December 17, 2020

Li, Yuqin
Characterization and Modeling of the Thermomechanical Properties of Wood-Based Composites
Committee Chair: Prof. S. W. Case

Wilts, Emily Marie
Structure-property-processing Relationships Between Polymeric Solutions and Additive Manufacturing for Biomedical Applications
Committee Chair: Prof. T. E. Long
August 14, 2020

Chatham, Camden Alan
Property-Process-Property Relationships in Powder Bed Fusion Additive Manufacturing of Poly(phenylene sulfide): A Case Study Toward Predicting Printability from Polymer Properties
Committee Chair: Prof. T. E. Long and Prof. C. B. Williams

Scott, Philip Jonathan
Advancing Elastomers to Additive Manufacturing Through Tailored Photochemistry and Latex Design
Committee Chair: Prof. T. E. Long and Prof. C. B. Williams

DOCTOR OF EDUCATION

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

December 17, 2020

Alexander, Le-Zondra
A Qualitative Investigation of the Practices of Speech-Language Pathologists Supporting the Acquisition of Skilled Reading and Writing in Public Schools
Committee Chair: Prof. C. S. Cash and 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

Jones, Sharon Lynn
School-level Factors in Public High Schools that Help Raise Academic Achievement for Black Males
Committee Chair: Prof. W. J. Glenn

McDaniel, Melissa Gallimore
A Study of the Career Paths of Female Aspiring School Superintendents
Committee Chair: Prof. M. D. Alexander

Norton, Star Adrianna
Committee Chair: Prof. C. A. Mullen

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

Settles, Karen Rena
An Exploration on How Elementary Administrators Support a Growth Mindset in Classroom Teachers
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
Van der Linden, Courtney Adele  
An Historical Analysis of Fiscal Equity in the Commonweath 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

Wilkins-McCorey, Dornswalo Maria  
Equitable Representation of Students in Intellectual Gifted Programs in Public Schools in the Commonwealth of Virginia  
Committee Chair: Prof. C. S. Cash

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

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

August 14, 2020

McCraw, Olivia Catherine  
Raychouni, Janet McConnell

Stoothoff, Luke Michael  
Woodson, Kellie Michelle

Bannon, Kelli Ann  
Bowerman, Rachel Michelle  
Carlson, Afton Rene  
Drake, Leigh Corissa  
Gibson, Heather Ann  
Hester, Amber Pittman  
Kim, Hea June  
Lee, Jong Min  
Libby-Reynolds, Jennessa Lorine  
Mayer, Jill Spector  
Norris, Keely  
Olsen, Jessica Lee  
Piper, Tara Lynn  
Rice, Jacqueline Ann-Marie  
Sedutto, Marantha Dawkins
MASTER’S DEGREES

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

MASTER OF SCIENCE
AGRICULTURAL AND APPLIED ECONOMICS

December 17, 2020
Adams, Normand Rutledge
Swedberg, Kristen M.

August 14, 2020
Ebadi, Nasim
O'Reilly, Ryan Keefe

AGRICULTURAL AND LIFE SCIENCES

December 17, 2020
Alexander, Chylsea Breanna
Eagles, Ross Brandon
Mason, John E.
Schneiderman, Isabelle Jordan
Scott, Alyssa Torre
Turner, Brandon Michael
Williams, Krystal N.

August 14, 2020
Capaldo, Samantha Marie
Johnson, Branden Robert
Rhoads, Haley
Rivers, Lydia
Thacker, Rebecca Tilson

ANIMAL AND POULTRY SCIENCES

December 17, 2020
Isernia, Lindsay Taylor
Kott, Michelle Lynn
Walker, Bailey Nicole

August 14, 2020
Boothe, Siobhan M.

CROP AND SOIL ENVIRONMENTAL SCIENCES

December 17, 2020
Boyd, Luke David-Allen
Lancaster, Caroline Marie
Lord, Nilanka Anthony
Morrison, Benjamin Anthony
Poskaitis, Megan Kathleen

HUMAN NUTRITION, FOODS AND EXERCISE

December 17, 2020
Lacina, Michael Allen

MASTER OF SCIENCE IN LIFE SCIENCES

AGRICULTURAL AND EXTENSION EDUCATION

December 17, 2020
Young, Carmen Dasianna

August 14, 2020
Scott, Jasmine Layne
DAIRY SCIENCE
August 14, 2020
Nin-Velez, Alexandra Irma

COLLEGE OF ARCHITECTURE AND URBAN STUDIES
MASTER OF ARCHITECTURE
December 17, 2020
Asbell, Jonathan Clark
Chandrasekhar, Harini
Chang, Xinzhi
Chen, Weiqi
Colunga, Carlos Tameo
Jiang, Huihai
Khurshid, Maheen
Lai, Qianru
Li, Jie
Lones, William Robert
Mukesh Jain, Prakhyaa
Zhou, Feicen
Zolfaghari, Zahra

August 14, 2020
Perez, Maura Annette
Reed, Jackson Alexander
Sridhar, Vidusha

MASTER OF LANDSCAPE ARCHITECTURE
December 17, 2020
Fettig, Jake Alan
Ramirez-Blust, Lynda Sue

MASTER OF PUBLIC ADMINISTRATION
PUBLIC ADMINISTRATION/ PUBLIC AFFAIRS
December 17, 2020
Bahena, Dennis
Critzer, Linda Renee
Graves, Carley Megan
Remington-Gilbert, Sadie Mary

MASTER OF PUBLIC AND INTERNATIONAL AFFAIRS
December 17, 2020
Mohamad Muhamed, Bukhari Abdelrahman

MASTER OF SCIENCE BUILDING/CONSTRUCTION SCIENCE AND MANAGEMENT
December 17, 2020
Folio, Gerard M.

MASTER OF URBAN AND REGIONAL PLANNING
December 17, 2020
Albrecht, Owen Alexander
Ramirez-Blust, Lynda Sue
Wilkerson, Alexander Cary
PAMPLIN COLLEGE
OF BUSINESS
MASTER OF ACCOUNTING AND INFORMATION SYSTEMS

December 17, 2020

Booth, Danielle Carol
Gay, Caroline Whitney
Patadia, Gaurav Bharatvijay
Rajput, Tripti
Simmons, Rachael Laurianne
Wang, Jin

August 14, 2020

Graepel, Savannah L.

MASTER OF BUSINESS ADMINISTRATION

December 17, 2020

Akhtar, Farooq Mohammad
Ali, Syed M.
Batzli, Cynthia Pang
Cadena, Edwin Wladimir
Cai, Chunrong Linda
Clinton, Nicholle Depaz
Farukh, Attiya
Feber, Ryan John
Gallo, Emily Paige
Garcin, Melissa Divecchia
Gassenmeyer, Bryan Thomas
Goncharov, Iurii
Kretlow, Zachary Alexander
Lally Jr., Stephen Craig
Lewis, Michael Alfred
Michaels, Rachel Schwartz
Neder, Cody Steven
Paul, Dipankar
Pavis, Hannah Cox
Pre nell, Riecharde Tearle
Ramirez, Erica
Rauner, John Marshall
Ross, David Joshua Allen
Telasula, Venkata Siva Kanth
Torres, Cesar R.
White, Amanda Genevieve
Zacharias-Andrews, Kay

August 14, 2020

Bolinsky, Brett Jessee
Brown, Alexander T.
Butler, Todd J.
Carrin, Cassandra Leigh
Cline, Nicole Catherine
Dillon, Colin Francis
Dillow, Daniel Clark
Duran-Ballen, J Esteban
Freemal, Rebecca Ann
Jain, Paras
Jolicoeur, Michael Raymond
Menaker, Kevin Scott
Mohan, Shrikanth
Moore, John Phillip
Moore, Ryan Nicholas
Reed, Richard Jackson
Scherer, Jason Louis
Schuh, Steven Michael
Selvaraj, Ramkumar
Singh, Harinder Kewal
Ungar, Daniel Hugh
Xie, Zhiwu

**MASTER OF SCIENCE**
**BUSINESS ADMINISTRATION**

*December 17, 2020*

Alhamad, Shayma
Ali, Gulnaz
Allen, Elizabeth
Azhar, Reham Wadea S.
Azhar, Saeed Wadia
Binhamad, Ahmad Khairi M.
Digman, Carrie Elizabeth
Finnegan, Erin Ann
Hall, Samantha Leigh Daclison
Honerkamp, Vincent Yasine
Park, Narae

*August 14, 2020*

Asabere, Deborah Adu
Awate, Deepti Kiran
Bowen, Hunter Charles
Cheng, Yanwen
Collins II, Mark Anthony
Conyers, Anastasia Deneen
Erisman, Jordan Stuart
Fix, Charlotte Elizabeth
Frankovich, Jarek Joseph
Galloway, Christopher Robert
Harasty, Nicholas Francisco
Harris, Delanie Raye
Horinko, Kaitlyn Anne
Kamruzzaman, Md
Khokhar, Ibrahim Jhangir
Kinder, Kaela Aliya
Kuqi, Enxhi
Mendenhall, Kevin Randal
Mengiste, Misganaw Belay
Morrison, Antonia Rayelle
Parcell, Robert Bradley
Robertson, Brandi
Secamiglio, John Robert
Soosai Fernando, Maschio
Titus-Glover, Kyle
Wallace, Austin Lee
Wang, Yanhao
Wellons, Jackson Kennard
Zorigtbataar, Manal

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

*August 14, 2020*

Ford, Alyssa Cole
Moghaddasi, Alireza

**CHEMICAL ENGINEERING**

*December 17, 2020*

Agarwal, Aman
Han, Xiuyuan
Sharma, Saurabh
COMPUTER ENGINEERING

December 17, 2020

Acton, Nicolas Reilly
Chen, Xin
Joshi, Sarang Giridhar
Pan, Yiming
Sato, Kenny Kosaku
Thinakaran, Rahul
Zhu, Jie

August 14, 2020

Asif, Areeb
Chougule, Sharvari Shirish
Ganguli, Samit Kumar
Guo, Yu
Hu, Yihao
Joshi, Parisha M.
Karthik, Akshay Kumar
Kumar, Soumya Arvind
Ragothaman, Shalini

COMPUTER SCIENCE AND APPLICATIONS

December 17, 2020

Gill, Nicholas Samuel
Konudula, Venkatarami Reddy
Sondhi, Arjuna Atul
Wang, Chaoran
Xie, Yuwei
Yu, Lixing

August 14, 2020

Irwin, Michael Scott

ELECTRICAL ENGINEERING

December 17, 2020

Algikar, Pooja Basavaraj
Deng, Haisong
Li, Xiyuan
Qian, Yizhou
Ro, Yokai
Sreeram, Nirmala
Thagirisa, Sai Sampath

August 14, 2020

Naineni, Nihal

INDUSTRIAL AND SYSTEMS ENGINEERING

December 17, 2020

Holloman, Teirra Keina
Makda, Shahab Siraj
Ojelade, Aanuolwapo E.
Sangha, Sandeep Singh
Sotelo, Marina Cabot Scanlon

August 14, 2020

Navarro Navarro, Nicolas Dario
Suresh, Vaishakhi

MATERIALS SCIENCE AND ENGINEERING

December 17, 2020

Gaus, Robert Gregg

MECHANICAL ENGINEERING

August 14, 2020

Xu, Junyang
NUCLEAR ENGINEERING
December 17, 2020

Vargas, Kyle Ryan

MASTER OF ENGINEERING ADMINISTRATION
December 17, 2020

Hughes, Cory Edison
Vaughan, Ashton Joseph

MASTER OF SCIENCE
AEROSPACE ENGINEERING
December 17, 2020

Du, Minzhen
Gobin, Bradley Scott
Ivanov, Nodari
Kenworthy, David Scheer
Labatut, Jon Jean-charles Hector
Lagergren, Krister Anders
Letica, Stefan Josip
Scheible, Robert Bruce
Witalec, Louis Gregory
Witmer, Tyler Davis

August 14, 2020

Brown, Gavin Miles
Deans, Collin Andrew
Higgins, Erik Tracy
Kootsher, Jason Laurence
Rohn, Jeremy Benton
Sibai, Munira

BIOLOGICAL SYSTEMS ENGINEERING
December 17, 2020

Carswell, William Forrester
Jahan, Momtaz

August 14, 2020

Aquilina, Charles Albert
Hildebrand, Daniel Steven
Pratt, Elizabeth Anne

BIOMEDICAL ENGINEERING
December 17, 2020

Mottley, Carolyn Yvette
Thomas, Sean Casey

CIVIL ENGINEERING
December 17, 2020

Abdelhalim, Awad T.
Al Rufaydah, Abdullah Saeed
Bhutkar, Aishwarya Prakash
Boykin, James Z.
Breuer, Helena Kathryn
Burke, Abby Lauren
Caudle, Seth Alexander
Chordiya, Tejas Jitendra
Copana Paucara, Julio
Cubas Suazo, Alexa Maria
Dahiya, Ankuj
Dietrich, Cara A.
Dwivedi, Ajay Ashok
Ebrahim, Fatemah Mohammad
Fountaine, John Peter
Hays, Conner Randolph
Horsham, Kyle Matthew
House, Gregory Richard
Huang, Ju-Hsuan
Kulkarni, Yash Nitin
Landivar Guartatanga, Marie Carmen
Lesinski, Tierney Ryann
Mahimkar, Omkar
Mehta, Sahil Manoj
Miller, Carl Thomas
More, Sidhesh Sunil
Mosuela, Kristine Angela
Nagori, Chinmoy
Overeem, Alexa Jane
Painter, Timothy Trevor
Parmar, Yash Yogesh
Peloquin, Casey Paul
Raichura, Purva Hiteshkumar
Ramadan, Abd Elrhman Ahmed
Sapre, Chinmay Uday
Sims, James
Slaven III, Ronald Andrew
Solanki, Abhiyani Tarunbhai
Sorte, Sagar Balpratap
Spicer, Noah Benjamen
Stevens, Ryan Taylor
Suresh Kumar, Arun Eshwar
Trump, Joshua Jordan
Vuper, Ailie Marie
Wang, Zhen
Zhong, Yida

August 14, 2020
Brodsky, Rachel Amanda
Keku, Daniel Adegdayo
Miller, Cyan Tasha
Mohagheghi, Ali
Neeli, Yeshwanth Sai
Nissar, Nahmed
Ramirez Brenes, Kirk Rommel
Rouillier, Rusty Jordan
Sk. Md., Ishraque

COMPUTER ENGINEERING
December 17, 2020
Beckwith, Luke Parkhurst
Cain, Chandler Lee
Conroy, Thomas Joseph
Guo, Yunfei
Li, Chengzhang
Patnayak, Chinmaya
Redhouse, Amanda Jean
Yeoh, SengMing

August 14, 2020
Chadha, Abhimanyu
Chourey, Shivam
Eisenbeiser, Logan Ryan
Gan, Victor Ming
Kahu, Sampanna Yashwant
Kesavan Nair, Nitin
Manjunatha Bharadwaj, Sandhya
Srinivas, Raghavendra
COMPUTER SCIENCE AND APPLICATIONS  

December 17, 2020

Abdelrahman, Eman Hussein Lotfy Aly Kamel
Al Ameedi, Mohannad Dhia Hamdy
An, Yaxin
Chen, Fanglan
Cowan, KC Kaye
Irshad, Syeda Arzoo
Jiang, Zijian
Mehta, Sneha
Tao, I Hsuan
Wang, Hao Hsuan
Yao, Zhennan

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Abraham, Subil
Afzalan, Milad
Bandyopadhyay, Payel
Bansal, Ritesh
Dahshan, Mai M.
Jude, Palakh Mignonne
Li, Zheng
Mehrotra, Maanav
Pasad, Viral Shrikant
Peri, Deepthi
Rama Subramanian, Deepika
Sahasrabudhe, Dhruva Shrikrishna
Sharma, Dhruv
Song, Ziqian
Sun, Yanshen
Tyagi, Tanya
Whang, JooYoung

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December 17, 2020

Baweja, Randeep Singh
Billings, Rachel Mae
Gyawali, Sanij
Jimenez, Jorge Gabriel
Karimi, Ebrahim
Karki, Sagar
Kocur, Nash Brinson
Liu, Jinsan
Marinkovich, Aaron James Angelo
Morency, Christopher Charles
Nam, David Sang
Rangwala, Murtaza Juzer
Smith, Robert Gregory
Thomas, Joseph Gabriel

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Delvecchio, Matthew David
Emenonye, Don-Roberts Ugochukwu
Ervin, Allen Dale
Rajasekeran, Sangeetha
Tait, Daniel Beale

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Dahiya, Akshay
Sadeghi, Omidreza

ENVIRONMENTAL ENGINEERING  

December 17, 2020

Cox, Madison Janelle
Cruvinel Brandao Fonseca Marinho, Rayssa
Cummings, Micaela Nicole
Goy, Sydney Marie
Joshi, Soumil Yogesh
Krauss, Lauren Marie
Majeed, Haniyyah JaRae

August 14, 2020
Krishnamurthy, Soundarya

MATERIALS SCIENCE AND ENGINEERING

December 17, 2020
Custer, Faulkner Paine

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December 17, 2020
Capper, Joseph David
Chen, Shuo
Chen, YuZhe
Coleman, Mathew Riley
De Clerck, Albrey Paul
Fronk, Joel Seth
Goodson, Caleb Benjamin
Hardyman, Micah Dwayne
Hosseini, Sayed-Mohammad
Marthinuss, Samuel Joseph
Martin V, Joseph Bacon
Moreno, Kevin Joel
Oja, Thomas Edward
Repisky, Philip Vaclav
Shoaei, Parisa Daghigh
Sparrer, Wendelle Faith

Stephen, Juanita Peche
Titus Glover, Kyle Ian Kwartei
Van Hout, Daniel Richard

August 14, 2020
Chen, Xiangtong
Dash, Pradosh Pritam
Giroux III, Thomas Joseph
Hancock, Philip Jackson
Keshavamurthi, Karthik Balaji
Shenvi, Mohit Nitin
Tollefson, Christian Roland
Wu, Xihui

MINING ENGINEERING

December 17, 2020
MacCormac, Brendan Lloyd

August 14, 2020
Tabor, Joseph Edward

OCEAN ENGINEERING

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Miller, Lakshmi Madhavan

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COMMUNICATION

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Radaj, Ryan Gregory
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Harber, Amanda Nicole
Jones, Lindsey Taylor
Riley, Annetta Adele

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Shifrel, Zachary D.

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Gordon, Ethan
Rogers III, Donald Wayne

POLITICAL SCIENCE
December 17, 2020
Anderson, Jamie Char’Mae
Barrett, Leah Robinson
Blankenship, Spencer Edward

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CURRICULUM AND INSTRUCTION
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Buchanan, Lori Ellen
Fan, Yingying
Herbert, Khalil N.
Reguant Codina, Roger
Tyler, Crystal Lavinia
West, Samantha Mackensie

EDUCATIONAL LEADERSHIP AND POLICY STUDIES
December 17, 2020
Brockman III, John Moore
Collie, Sarah Elizabeth
Hill, Conner Sprinkle
Jarrett, Calvin Demetri
Kang, Kris Kyung-Jin
Repko, Kathryn Elizabeth
Summitt, Matthew Graham

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HUMAN DEVELOPMENT
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Almeyda, Patricia Christina
Kosar, Sophia Anneliese

August 14, 2020
Wardle, Taylor Michael

SCIENCE AND TECHNOLOGY STUDIES
December 17, 2020
Covey, Lucas Scott
Giles, Kendall Everett
O'Connor, Emily Jean

COLLEGE OF NATURAL RESOURCES & ENVIRONMENT

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December 17, 2020

Bussi, Raymond Jared
Clevenger, Christina Marie
Davidson, Garrett James
DeFonza, Raina Marie
DeNoia-Feliciano, Elizabeth Joan
Des Champs, Malcolm Phillip
Drada, Luzbelly
Eckberg, Amy Eileen
Erwin, Kenneth Joseph
Fallon, Lacy L. K.
Fernandez, Jonathan Andres
Fink, Megan McIntyre
Fisher, Patricia Molina
Gongora, Kyla
Gustafson, Richard Rawlings
Hetzel, Sydnie L.
Holman, Darien Forrest
Karpa, Zigmund A.
Kim, Dianne Lynne
Kowalski, Andrew James
Lee, Alyson P.
Litman, Barbara Jillean
McDonnell, John Paul
Midgette, Brenda Alicia
Muthig, Alec James
Patel, Binita Pradip
Patton, Daniel Crist
Payne, Sara Elizabeth
Pfahl, Heather Michelle
Porter, Trisha Lee
Price, Elizabeth French
Sinner, Alexandra Elvira
Smith, Matthew F.
Stanley, Joshua Kenneth
Steely, Sarah M.
Thapa, Gyanendra Singh
Thurston, Patricia
Torraca, Eric Paul
Trelegan, Elise Kathryn
Troy, Nicole S.
Tsao, Janet Jing
Walters, Alexander Hamilton
Watkin, Bradley W.
Yauch, Victoria Margaret
Zhang, Songyi

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Bagniewski, Ned James
Baisden, Chad Haywood
Bill, Briana Lee
Bond, William James
Cardona, Juanita
Chandler, Jonathan Michael
Dale, Sassy Emily
Fendley, Jeremy
Newman, Samuel Phillip
Partridge, Joel Elliott
Potter, Isabel
Sanderson, Claire Elizabeth
Sherrow, Erica Lindsey

**MASTER OF SCIENCE**
**FISHERIES AND WILDLIFE**
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Barron II, Joseph Charles
Berge, Earle Johnathan
Holden, Michael Thomas
Sybertz, Nicholas Michael

**August 14, 2020**

Ellsworth, William Hunter
Nkwalale, Lipa Gutani Terrence

**FORESTRY AND FOREST PRODUCTS**
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Beasley, Christen Marie
Bertucio, Timothy Joseph
McClure, Adam Blake
Pomponi, Joseph Philip

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Beck, Adam Thomas
Duston, Stephanie Ann
Grupper, Madeline Ana
Navarro Navarro, Nicolas Dario

**GEOGRAPHY**
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Morrison, Lindsey Paige
Starner, Joshua D.

Villarreal, Mark David

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**MASTER OF ARTS**
**ECONOMICS**

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Anthwal, Pervesh
Islam, Azharul
Spoon, Ross Linwood

**MASTER OF ARTS IN DATA ANALYSIS AND APPLIED STATISTICS**
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Bahja, Jonilda
Chakraborty, Shibaji

**MASTER OF SCIENCE**
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Hucul, Catherine Elizabeth
Shadle, Elizabeth Jane

**CHEMISTRY**
**December 17, 2020**

Hu, Anyang
Spence, Stephanie Leigh
GEOSCIENCES
December 17, 2020
Rothschild, Tyler James

MATHEMATICS
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Cooper, Jon Carl
Kelley, Marilin Annie

August 14, 2020
Macatula, Romcholo Yulo
Pendar, Hodjat
Pi, Hangyu

PSYCHOLOGY
December 17, 2020
Bertollo, Jennifer Rose
Carlton, Corinne Nicole
Coombs, Aaron Keith
Dike, Janey Elizabeth
Kissel, Heather Ann
Mitropoulos, Tanya Elise
Nackley, Brittany Burch
Rost, Emily Alexis
Taylor, Caroline Hamilton
Zagarese, Vivian Joy

August 14, 2020
Salan, Jefferson Dejesus

THE VIRGINIA-MARYLAND COLLEGE OF VETERINARY MEDICINE
MASTER OF PUBLIC HEALTH
December 17, 2020
Fox, Madalyn Nicole
Toms, Megan Brooke
Zhang, Grace Fei

August 14, 2020
Thaler, Sibylle
Work, Sarah Nicole

MASTER OF SCIENCE
BIOMEDICAL & VETERINARY SCIENCES
December 17, 2020
Bates, Tyler Alexander

August 14, 2020
Barron, Catherine Mary
Everett, James Blake
Keebaugh, Audrey Elizabeth
Menciotti, Giulio
Sanders, John Patrick

INTERDISCIPLINARY DEGREES
MASTER OF INFORMATION TECHNOLOGY
December 17, 2020
Abu, Annette Edna
Acheampong, Jude
Adkins, Cody Ray
Sestak, Michael Todd
Shaheen, Tasawur
Sharma, Muneesh K.
Shi, Yijing
Sikora, Mark Matthew
Slutsky, Daniel Michael
Snyder, Kevin Ross
Spivey, David Lyn
Stepanchuk, Ievgen V.
Sugie, Masatsugu John
Summers, Jonathan David
Swindell, Amanda G.
Tam, Ryan
Thai, Hong-Yen Ngoc
Tipton, Gabriel Roy
Tischler, Matthew Jacob
Weber, Jack Michael
Whaley, Patrick Clinton
White, Andrew Joseph
Wilson, Scott N.
Woodford, Scott J.
Zafar, Keanan Aly
Zhang, Jian

August 14, 2020

Aden, Bashe Abdillahi
Agrawal, Ravindra
Asipenka, Igor
Beam Jr., Steven Dale
Bond III, John Joseph
Borgmeyer, Christopher Francis
Chowala, Nalini
Duclos, Kayla Jean
Eisenberg, David
Farley, Micah Jonathan
Foley, Sharon Ann
Forler, Dakota Colby Murphy
Giardina, Louis Jackson
Glotzer, Hans David
Gupta, Steven David
Hansen, Deja Tyree-Lakell
Ilijevich, Molly Marie
Janowski, Joseph Steven
Johnson, Elizabeth Ann
Kasumovic, Ermina
Keswani, Ramesh Doulat
Kota, Sai Soumya
Landry, Christopher William
Limrostip, Sherry
Lust, Daniel Frederick
Manrique, Tiana Marie
Massey, Miles Christopher
Onunaku, Obana Marie
Panth, Rakshya
Rafiq, Rabia
Reza, Shuzon
Succo, Ryan James
Thakar, Sejal Jignesh
Yildirim, Murat Levent
Youmsi Makuipou, Ariane Stella
Zou Price, Xiaqin
GRADUATE CERTIFICATES

BUSINESS ANALYTICS AND DATA MINING

December 17, 2020

Christy, Daniel Thomas
Muhealden, Shivan H.
Sugie, Masatsugu John

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Cho, Adam J.
Farley, Micah

CYBERSECURITY POLICY

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Gutierrez, Francisco Xavier
Mohamed, Marawan
Wilson, Scott Nelson

CYBERSECURITY TECHNOLOGIES

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Becker, David A.
Kabir, Mohamed Abdouh
Woodford, Scott J.

EDUCATIONAL RESEARCH

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Grote, Dustin Michael

FUTURE PROFESSORIATE

December 17, 2020

Alshehri, Khaled Ghanem

Ampatzi, Vasiliki Traikos
Bahja, Jonilda
Fausnacht, Anna Gustafson
Majeed, Haniyyah JaRae
Meesala, Vamsi Chandra
Murray, Savannah Paige
Quick, Tyler James
Roosma, Shannon Kinzie

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Dupuis, Eric Donald
Gupta, Debjit
Kane, Ousmane
Li, Xiaofan
Netto, Brett Raymond
Woods Jr., Johnny Crayd

GEOSPATIAL INFORMATION TECHNOLOGY

December 17, 2020

De La Cruz, Jesse L.

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Cerv, Sara Alison
O'Reilly, Ryan Keefe
Vannoy, Mallory Drew

GERONTOLOGY

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Wu, Tiange
GLOBAL PLANNING AND INTERNATIONAL DEVELOPMENT STUDIES  
August 14, 2020  
Agnew, Jessica Lauren  
Black, Steven David  

GLOBAL SUSTAINABILITY  
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Alanis, Erika  
Bussi, Raymond Jared  
Clevenger, Christina Marie  
DeNoia-Feliciano, Elizabeth Joan  
Dlin, Benjamin Edward  
Eckberg, Amy Eileen  
Fallon, Lacy L.  
Fernandez, Jonathan Andres  
Fink, Megan McIntyre  
Fisher, Patricia Molina  
Gongora, Kyla  
Greenlee, Jodi Rae  
Gustafson, Richard Rawlings  
Hensley, Evan Noble  
Hetzel, Sydnie Lucille  
Hines, Nickolas James  
Holman, Darien Forrest  
Karpa, Zigmund Anthony  
Kim, Dianne Lynne  
Kowalski, Andrew James  
Litman, Barbara Jillean  
Luzbelly, Drada  
McDonnell, John Paul  
McLellan, Ethan Daniel  
Midgette, Brenda Alicia  
Mills, Joshua Carl  
Muthig, Alec James  
Payne, Sara Elizabeth  
Pfahl, Heather M.  
Porter, Trisha Lee  
Sinner, Alexandra Elvira  
Smith, Matthew Fredrick  
Stanley, Joshua Kenneth  
Thapa, Gyanendra Singh  
Thurston, Patricia  
Torraca, Eric Paul  
Trelegan, Elise Kathryn  
Troy, Nicole S.  
Tsao, Janet Jing  
Walters, Alexander Hamilton  
Yauch, Victoria Margaret  
Zhang, Songyi  
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Bagniewski, Ned James  
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Bill, Briana Lee  
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Metivier-Larochelle, Tommee  
Mitchell, Michelle Lynn  
Newman, Samuel Phillip  
Patel, Binita  
Patton, Daniel Crist  
Sherrow, Erica Lindsey  
Snowhite, Andrew William  
Winkler, Summer Leigh
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December 17, 2020
Swindell, Amanda Gale

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Aden, Bashe Abdillahi
Eisenberg, David
Keswani, Ramesh Doulat
Manrique, Tiana Marie

HOSPITALITY AND TOURISM ANALYTICS AND REVENUE MANAGEMENT
December 17, 2020
Hall, Samantha Leigh Daclison

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Greetan, Gregory Joseph
Neuhardt, Nathan David
Pirooznia, Payam
Wilson, Scott Nelson
Yusuf, Syed Haroon

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Asipenka, Igor
Murphy, Stephen David
Reza, Shuzon

INTERNET AND NETWORK TECHNOLOGIES
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Faghihnia, Mostafa

LOCAL GOVERNMENT MANAGEMENT
December 17, 2020
Early, Starlette Fowler
Fultz, Zebulon David
Hawks, Elizabeth Blackwell
Hodge, Lucas Walter
Jackson, Kalli Lynn
Miskovic, Phillip George
Phillips, Ann Watson
Remington-Gilbert, Sadie Mary
Sefcik, Madeline Lee
Taylor, Dakota Lee
Toigo, Anthony David

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Boyer, John Noel

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December 17, 2020
Clevenger, Christina Marie
Coates, Ashley Nicole
Gott, Catherine Elizabeth
Hanna, Karina Leigh
Keegan, Coral Magen
Macey, Sarah E.
Moore, Cheyenne
Proctor, Nicholaus Jon Pratt
Williams, Emily Rae

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Blankenship, Nicholas
Bond, William James
Cardona Galindo, Juanita
Cheso, Katherine Ann
Dale, Sassy Emily
Dlin, Benjamin
Edwards, Jonathan Scott
Fallon, Lacy L. K.
Fendley, Jeremy
Frank, Stephanie
Hayslett, Emily Lauren
Hendricks, Brandon
Hennessy, Casey Sheila
Knapp, Ashlee
Litman, Barbara Jillean
Littreal, Jessica Danielle
Preston, Travis L.
Sanderson, Claire Elizabeth
Strawderman, Nicole Blodgett
Thapa, Gyanendra Singh
Umashankar, Viverjita
Usher, Anne Kellogg

PUBLIC AND NONPROFIT FINANCIAL MANAGEMENT

December 17, 2020
Williams, Aidan Chase

August 14, 2020
Abbotts, Elliott Anthony
Jaimes, Alberto E.

PUBLIC HEALTH

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Miskovic, Phillip George

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Felton, Jeffrey Alan

SECURITY STUDIES

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McDaniel, Ryan James

NONPROFIT AND NONGOVERNMENTAL ORGANIZATION MANAGEMENT

August 14, 2020
Kane, Ousmane
Plowman, Ellen Christine

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Alanazi, Mohammed Awwad

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Agrawal, Pankhuri
Greetan, Gregory Joseph
Lewis, Latanya Michelle
Marlowe, Daniel Lee
Minnix, Zachary William
Peirce, Stephen A.
Shi, Yijing
Spivey, David Lyn
Sugie, Masatsugu John
Tipton, Gabriel Roy
White, Andrew Joseph

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Cho, Adam J.
Farley, Micah
Llorente, Jacob Anthony

TECHNOLOGY MANAGEMENT

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Harry, Kimberly D.
Lua, Kian Loong

URBAN COMPUTING

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Masiane, Moeti Moeklesia