COMMENCEMENT

DEC 20

GRADUATE SCHOOL
VIRGINIA TECH™

FALL 2019

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

DOCTORAL DEGREES

THE GRADUATE SCHOOL

Dean Karen P. DePauw

DOCTOR OF PHILOSOPHY

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

AGRICULTURAL AND EXTENSION EDUCATION

December 19, 2019

Cook, Natalie Ebony
Evaluation Capacity Building (ECB) as a Vehicle for Social Transformation: Conceptualizing Transformative ECB and Kaleidoscopic Thinking
Committee Chair: Prof. T. G. Archibald

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

ANIMAL AND POULTRY SCIENCES

December 19, 2019

Hay, Alayna N.
Equine Protozoal Myeloencephalitis: Investigating the Immunopathogenesis and Treatment Efficacy in Mouse Models and Clinically Affected Horses
Committee Chair: Prof. C. M. Leeth

ANIMAL SCIENCE, DAIRY

December 19, 2019

Huang, Xinbei
Assessing Amino Acid Availability and Metabolism in Dairy Cattle by Using Stable Isotope Based Approach
Committee Chair: Prof. M. D. Hanigan

BIOCHEMISTRY

August 17, 2019

Adepoju, Olusegun Adeboye
Biochemical Characterization of Arabidopsis Enzymes Involved in Inositol Pyrophosphate Biosynthesis
Committee Chair: Prof. G. E. Gillaspy

CROP AND SOIL ENVIRONMENTAL SCIENCES

December 19, 2019

Badzmierowski, Mike Joseph
Evaluating Physical and Chemical Effects of Biosolids Applications to Degraded Soils
Committee Chair: Prof. G. K. Evanylo

Ervin, Clara Ray
Poultry Litter Ash as an Alternative Fertilizer Source for Corn
Committee Chair: Prof. M. S. Reiter

Meier, Nicholas Alan
Genetic Analysis of Soft Red Winter Wheat and Winter Malt Barley in Order to Improve End-use Quality
Committee Chair: Prof. C. A. Griffey

Radolinski, Jesse Benjamin
Illuminating Controls on Solute and Water Transport in the Critical Zone
Committee Chair: Prof. R. D. Stewart

Swoish, Michael Joseph
Technological Innovations for Mid-Atlantic Cropping Systems
Committee Chair: Prof. W. E. Thomason

Wolters, Bethany Rose
To Mix or Not to Mix: Diverse Cover Crop Mixture Performance and Management
Committee Chair: Prof. M. S. Reiter

August 17, 2019

Le, Hanh Thi Van
Impact of Manure Management Practices on the Environmental Fate of Antibiotics in Manure-Applied Fields
Committee Chair: Prof. K. Xia

ECONOMICS

December 19, 2019

Ning, Xin
Three Essays on Agricultural Trade Policy
Committee Chair: Prof. J. H. Grant

Shi, Ruoding
Applications of Applied Econometrics in the Food and Health Economic and Agribusiness Topics
Committee Chair: Prof. W. You and Prof. G. C. Davis

Vaiknoras, Kate Alyse
Three Essays on Adoption and Impact of Agricultural Technologies
Committee Chair: Prof. C. Larochelle

Xu, Yuelu
Essays on Water Quality Management for the Chesapeake Bay Watershed
Committee Chair: Prof. D. J. Bosch

July 8, 2019

Cheng, Zhen
Essays on Agricultural and Regional Development
Committee Chair: Prof. J. R. Alwang

Weng, Weizhe
Essays on Water Policy and Coupled Human and Natural Systems
Committee Chair: Prof. K. Boyle

ENTOMOLOGY

December 19, 2019

Chan, Kevin Ki Fai
Factors Influencing Arbovirus Transmission: Vector Competence of Mosquitoes from Virginia and the Effects of Virus Infection on Repellent Response, Oxidative Stress, and Glutathione-S- transferase Activity
Committee Chair: Prof. S. L. Paulson and Prof. C. C. Brewster

Quinn, Nicole Frances
Foraging Ecology and Sampling of Trissolcus japonicus (Ashmead) (Hymenoptera: Scelionidae) and its Host Halyomorpha halys (Stal) (Hemiptera: Pentatomidae) in Wild Host Trees
Committee Chair: Prof. J. C. Bergh and Prof. T. C. Leskey

FOOD SCIENCE AND TECHNOLOGY

December 19, 2019

Reinhard, Robert Gordon
Application of Bacteriophage in Food Manufacturing Facilities for the Control of Listeria monocytogenes and Listeria spp.
Committee Chair: Prof. J. D. Eifert

August 17, 2019

Arnold, Nicole Leanne
Educating Consumers About Food Processing Technologies Using Cooperative Extension As a Delivery System
Committee Chair: Prof. R. R. Boyer

HORTICULTURE

December 19, 2019

Hasing Rodriguez, Tomas Nestor
Genomic Reconstruction of the Domestication History of Sinningia speciosa (Lodd.) Hiern, and the Development of a Novel Genotyping Approach
Committee Chair: Prof. A. Bombarely Gomez

Zhou, Dongfang
Effect of Plant Growth Regulators (PGRs) on Containerized Herbaceous Peonies (Paeonia lactiflora)
Committee Chair: Prof. J. G. Latimer

HUMAN NUTRITION, FOODS AND EXERCISE

December 19, 2019

Englund, Tessa Rhianon
Evaluation of an Integrated Marketing Communications Campaign to Promote Fruit and Vegetable Consumption in Two California and Virginia Markets
Committee Chair: Prof. V. I. Kraak

Jiles, Kristina Ashleigh
Implementation of Community-Based Lifestyle Programs for Individuals with Type 2 Diabetes Mellitus in Southwest and Central Virginia: A Mixed Methods Study
Committee Chair: Prof. C. Rafie

Wang, Yao
Identification of a Dual-Action Small Molecule with Potent Antidiabetic Activity
Committee Chair: Prof. D. Liu

Williams, Brian Orbreyn
Heart Rate Kinetics and Control Chart Violations Effect on Physical Demands and Fatigue Prediction in College Aged Soccer Players
Committee Chair: Prof. J. H. Williams

August 17, 2019

Donnelly, Sarah Rebecca
Temporal Examination of DNA Methylation Profile Reprogramming in the Promoter Region of PGC-1? During the Progression of Insulin Resistance and Type 2 Diabetes Mellitus in Rodent Models
Committee Chair: Prof. E. M. Schmelz and Prof. Z. Cheng

Sperringer, Justin Edward
Chronic Dietary Supplementation of Branched-Chain Amino Acids Does Not Attenuate Muscle Function and Strength Loss in a Mouse Model of Duchenne Muscular Dystrophy
Committee Chair: Prof. M. W. Hulver

July 8, 2019

Rockwell, Michelle S.
Vitamin D in Human Health and Performance: The Pursuit of Evidence-Based Practice in an Era of Scientific Uncertainty
Committee Chair: Prof. M. W. Hulver

PLANT PATHOLOGY, PHYSIOLOGY AND WEED SCIENCE

December 19, 2019

Beam, Shawn Christopher
Evaluation of Integrated Weed Management Techniques and Their Nuances in Virginia Crop Production
Committee Chair: Prof. M. L. Flessner

Fletcher, Rebecca Ann
An Investigation of the Factors that Facilitate and Inhibit the Range Expansion of an Invasive Plant
Committee Chair: Prof. J. Barney

Mechan Llontop, Marco Enrique
Identification, Characterization, and Use of Precipitation-borne and Plant-associated Bacteria
Committee Chair: Prof. B. A. Vinatzer

Sonawala, Unnati Subhash
Understanding the Role of Host Amino Acid Transporters in Nutrient Acquisition by Oomycete Pathogens
Committee Chair: Prof. G. Pilot

August 17, 2019

Cui, Chenming
Integrating Bioinformatic Approaches to Promote Crop Resilience
Committee Chair: Prof. D. C. Haak

Zhou, Tian
Quantification of Fungicide Resistance in Cercospora sojina Populations and Development of a Fungicide Application Decision Aid for Soybean in the Mid-Atlantic U.S.
Committee Chair: Prof. H. L. Mehl

COLLEGE OF ARCHITECTURE AND URBAN STUDIES

ARCHITECTURE AND DESIGN RESEARCH

December 19, 2019

Han, Soyoung
Contemporary Spatial Publicness: Its Representation, Awareness, Recognition, and Utilitarian Possibilities
Committee Chair: Prof. C. L. Bohannon and Prof. M. Kim

Kim, Kyunghee
The Role of Leadership for Community Building and Community Garden Programs
Committee Chair: Prof. T. L. Clements and Prof. M. Kim

ENVIRONMENTAL DESIGN AND PLANNING

December 19, 2019

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

PLANNING, GOVERNANCE, AND GLOBALIZATION

December 19, 2019

Lyon-Hill, Sarah E.
A New Institutionalist History of Appalshop: Exploring the Agential Dynamics of an Appalachian Community Cultural Development Organization
Committee Chair: Prof. M. O. Stephenson, Jr.

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

August 17, 2019

Keyel, Jared Andrew
Silent Refuge? A Critical Democratic Exploration of Voice and Authorship Among Resettled Iraqis in the United States
Committee Chair: Prof. M. O. Stephenson, Jr.

July 8, 2019

Apriliani, Putu Desy
It Takes a Village to Do Microfinance Right: Effects of Microfinance on Gender Relations in Bali
Committee Chair: Prof. J. Rothschild

PAMPLIN COLLEGE OF BUSINESS

BUSINESS, BUSINESS INFORMATION TECHNOLOGY

August 17, 2019

Hong, Sukhwa
Novel Sentence-based Text Analytics Methods with Applications on Customer Reviews for Products and Services
Committee Chair: Prof. O. Seref

July 8, 2019

Du, Qianzhou
Extracting Wisdom of the Crowds From Crowdsourcing Platforms
Committee Chair: Prof. A. G. Wang

Zaman, Nohel
Online Review Analytics: New Methods for Discovering Key Product Quality and Service Concerns
Committee Chair: Prof. A. S. Abrahams

BUSINESS, FINANCE

August 17, 2019

Li, Yao
Examination of Long-run Performance of Momentum Portfolios: Implications for the Sources and Profitability of Momentum
Committee Chair: Prof. R. Kumar

Xie, Yutong
Two Essays on Corporate Finance
Committee Chair: Prof. J. C. Easterwood and Prof. B. S. Paye

BUSINESS, HOSPITALITY AND TOURISM MANAGEMENT

December 19, 2019

Li, Yuan
Three Essays on Corporate Governance in the Hospitality Industry
Committee Chair: Prof. M. Singal

BUSINESS, MANAGEMENT

August 17, 2019

Asgari, Elham
The Impact of Varied Knowledge on Innovation and the Fate of Organizations
Committee Chair: Prof. D. R. Gnyawali and Prof. R. A. Hunt

COLLEGE OF ENGINEERING

AEROSPACE ENGINEERING

December 19, 2019

Bailey, Matthew Marlando
An Extended Calibration and Validation of a Slotted-Wall Transonic Wall-Interference Correction Method for the National Transonic Facility
Committee Chair: Prof. W. J. Devenport

Blaesser, Nathaniel James
Interference Drag Due to Engine Nacelles for Transonic Aircraft
Committee Chair: Prof. J. A. Schetz and Prof. R. K. Kapania

Daniel, Kyle Andreas
Space-time Description of Supersonic Jets with Thermal Non-uniformity
Committee Chair: Prof. W. Ng and Prof. K. T. Lowe

Greer, William Bryce
Advanced Linear Model Predictive Control For Helicopter Shipboard Maneuvers
Committee Chair: Prof. C. Sultan

Reardon, Jonathan Paul
Computational Analysis of Transient Unstart/Restart Characteristics in a Variable Geometry, High-Speed Inlet
Committee Chair: Prof. J.A. Schetz and K.T. Lowe

Schneider, Maximilian Kurt
Shock-wave-driven Species Separation in the Interaction of Supersonic Plasma-jets Accelerated Via a Compact Railgun-based Jet Source
Committee Chair: Prof. C. Adams

Singh, Karanpreet
Accelerating Structural Design and Optimization Using Machine Learning
Committee Chair: Prof. R. K. Kapania

August 17, 2019

Cao, Shunxiang
Numerical Methods for Fluid-Solid Coupled Simulations: Robin Interface Conditions and Shock-Dominated Applications
Committee Chair: Prof. K. G. Wang

Fry, Jedediah Micah
On Integral Quadratic Constraint Theory and Robust Control of Unmanned Aircraft Systems
Committee Chair: Prof. M. H. Farhood

Kim, Hyunsoon
Coupled Adjoint-Based Rotor Design Using a Fluid Structure Interaction in Time Spectral Form
Committee Chair: Prof. S. S. Choi

Muniraj, Devaprakash
On the Security and Reliability of Fixed-Wing Unmanned Aircraft Systems
Committee Chair: Prof. M. H. Farhood

Park, Jangho
Efficient Global Optimization of Multidisciplinary System Using Variable Fidelity Analysis and Dynamic Sampling Method
Committee Chair: Prof. S. S. Choi and Prof. P. Raj

July 8, 2019

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

Webster, John Ackroyd
Design and Analysis of Low Reynolds Number Marine Propellers with Computational Fluid Dynamics (CFD) Transition Modeling
Committee Chair: Prof. W. L. Neu and Prof. S. Brizzolara

BIOLOGICAL SYSTEMS ENGINEERING

August 17, 2019

Huttanus, Herbert Michael
Screening and Engineering Phenotypes Using Big Data Systems Biology
Committee Chair: Prof. R. S. Senger

July 8, 2019

Hanzly, Laura Elizabeth
Functional Protein Based Materials
Committee Chair: Prof. J. R. Barone

BIOMEDICAL ENGINEERING

December 19, 2019

Allin, Leigh Jouett
Identification and Modification of Risk Factors Contributing to Slip- and Trip-induced Falls
Committee Chair: Prof. M. L. Madigan

Kothari, Anjaney
Investigating the Spatiotemporal Variation in Functional Markers, Gut Metabolites and Ethanol Toxicity in In Vitro Cultures of the Rat Jejunum and Hepatocytes
Committee Chair: Prof. P. Rajagopalan

Montgomery, Jade
Building a Better Scar: Re-engineering Extracellular Matrix Structure in Dermal Scars
Committee Chair: Prof. R. Gourdie

Pak, Wansoo
Development and Validation of Human Body Finite Element Models for Pedestrian Protection
Committee Chair: Prof. C. D. Untaroiu

Potter, Nils
Investigation of Keratin and Keratin-Containing Composite Biomaterials: Applications in Peripheral Nerve Regeneration
Committee Chair: Prof. M. Van Dyke

Tatem, Whitney M.
The Crash Injury Risk to Rear Seated Passenger Vehicle Occupants
Committee Chair: Prof. H. C. Gabler III

August 17, 2019

Cary, Jewel Maria
Development of a Nanoparticle Vaccine Delivery System with Polymeric Oral Adjuvants for Poultry
Committee Chair: Prof. F. W. Pierson and Prof. A. R. Whittington

July 8, 2019

Kenny, Melissa Carol
Structural and Physical Characterization of Insect Flow Systems
Committee Chair: Prof. J. Socha

O'Brien, Timothy J.
An Investigation of Thermal Mitigation Strategies for Electroporation-Based Therapies
Committee Chair: Prof. J. L. Robertson and Prof. R. V. Davalos

CHEMICAL ENGINEERING

December 19, 2019

Chang, Yow-Ren
The Effect of Topography on Surface Behavior of Pseudomonas aeruginosa
Committee Chair: Prof. W. A. Ducker

Li, Zheng
Accelerating Catalyst Discovery via Ab Initio Machine Learning
Committee Chair: Prof. L. E. Achenie and Prof. H. Xin

Mansfield, Craig Daniel
The Use of Rheology to Establish Conditions to Process Polymers with Mismatched Temperature Requirements with the Dual-Extrusion Mixing Process
Committee Chair: Prof. D. G. Baird

Mozaffari, Saeed
Modeling the Nucleation and Growth of Colloidal Nanoparticles
Committee Chair: Prof. A. M. Karim

Pretelt Caceres, Juan Antonio
Modeling the Pipe Extrusion Process and the Associated Mechanical Properties of High Density Polyethylene Materials: Correlation Between Processing, Structure, and Properties
Committee Chair: Prof. D. G. Baird

Wang, Jiamin
Beyond Sabatier Activity Volcano in Metal Catalysis by Tailoring Mechanistic Pathways
Committee Chair: Prof. H. Xin

July 8, 2019

Gaddam, Prudhvidhar Reddy
Adsorption in Confined Aqueous Films
Committee Chair: Prof. W. A. Ducker and Prof. S. T. Huxtable

CIVIL ENGINEERING

December 19, 2019

Fadhloun, Karim
Modeling Human And Machine-In-The-Loop In Car-Following Theory
Committee Chair: Prof. H. A. Rakha

Huang, Zhanyu
Lateral Spreading Design of Column-Supported Embankments
Committee Chair: Prof. G. M. Filz and Prof. A. Ziotopoulou

Izadi, Arman
Modeling, Simulation and Optimization of Advanced Air Traffic Procedures to Improve Oceanic Flights
Committee Chair: Prof. A. A. Trani

Kang, Kyungwon
Lane-changing on a Freeway: Game Theory-based Decision-making Models and Cooperative Maneuver Planning in a Connected and Automated Vehicles Environment
Committee Chair: Prof. H. A. Rakha

Klaus, Stephanie Anne
Intensification of Biological Nutrient Removal Processes
Committee Chair: Prof. A. J. Pruden-Bagchi

McCarthy, Ross James
Investigation of Network-Level Skid Resistance
Committee Chair: Prof. G. W. Flintsch

Musick, Ryland Wayne
Using Network Roadway Surface Friction to Improve Safety on West Virginia Highways
Committee Chair: Prof. G. W. Flintsch

Ulmer, Kristin Jane
Development of an Energy-based Liquefaction Evaluation Procedure
Committee Chair: Prof. R. A. Green and Prof. A. Rodriguez-Marek

Upadhyaya, Sneha
Development of an Improved and Internally-Consistent Framework for Evaluating Liquefaction Damage Potential
Committee Chair: Prof. R. A. Green and Prof. A. Rodriguez-Marek

July 8, 2019

Hannoun, Gaby Joe
Optimization of an Emergency Response Vehicle's Intra-Link Movement in Urban Transportation Networks Utilizing a Connected Vehicle Environment
Committee Chair: Prof. K. P. Heaslip II and Prof. P. M. Murray-Tuite

Xing, Chenxi
An Analytical Study on the Behavior of Reinforced Concrete Interior Beam-Column Joints
Committee Chair: Prof. R. T. Leon and Prof. I. Koutromanos

COMPUTER ENGINEERING

December 19, 2019

Helal, Ahmed Elmohamadi Mohamed
Automated Runtime Analysis and Adaptation for Scalable Heterogeneous Computing
Committee Chair: Prof. W. Feng

Hitefield, Seth David
A Defense-In-Depth Security Architecture for Software Defined Radio Systems
Committee Chair: Prof. A. Butt and Prof. T. C. Clancy III

Zhao, Yecheng
Design Optimization Techniques for Time-Critical Cyber-Physical Systems
Committee Chair: Prof. H. Zeng

August 17, 2019

Alfadda, Abdullah Ibrahim A.
Strategies for Managing Cool Thermal Energy Storage with Day-ahead PV and Building Load Forecasting at a District Level
Committee Chair: Prof. S. Rahman

Zeitz, Kimberly Ann
Cyber Security for the Internet of Things: A Micro Moving Target IPv6 Defense
Committee Chair: Prof. J. G. Tront and Prof. R. C. Marchany

July 8, 2019

McGinthy, Jason M.
Solutions for Internet of Things Security Challenges: Trust & Authentication
Committee Chair: Prof. T. C. Clancy III and Prof. A. J. Michaels

COMPUTER SCIENCE AND APPLICATIONS

December 19, 2019

Edmison, Kenneth Robert
Turning Up the Heat!: Using Fault-Localizing Heat Maps to Help Students Improve Their Code
Committee Chair: Prof. S. H. Edwards

Forouzesh, Negin
Fast and Accurate Atomistic Calculation of Free Energies for Molecular Modeling and Simulation
Committee Chair: Prof. A. Onufriev

Narayanamurthi, Mahesh
Advanced Time Integration Methods with Applications to Simulation, Inverse Problems, and Uncertainty Quantification
Committee Chair: Prof. A. Sandu

Pumma, Sarunya
Scalability Analysis and Optimization for Large-Scale Deep Learning
Committee Chair: Prof. W. Feng

Tithi, Saima Sultana
Computational Analysis of Viruses in Metagenomic Data
Committee Chair: Prof. L. Zhang

Zhang, Tong
Designing Practical Software Bug Detectors Using Architecture Support and Common Programming Patterns
Committee Chair: Prof. C. Jung and Prof. D. Lee

August 17, 2019

Wenskovitch, John Edward
Dimension Reduction and Clustering for Interactive Visual Analytics
Committee Chair: Prof. C. L. North

Yu, Run
Designing Coherent Interactions for Virtual Reality
Committee Chair: Prof. D. A. Bowman

Yu, Xiaodong
Algorithms and Frameworks for Accelerating Security Applications on HPC Platforms
Committee Chair: Prof. D. Yao

July 8, 2019

Bortz, Brennon Christopher
Using Music and Emotion to Enable Effective Affective Computing
Committee Chair: Prof. R. B. Knapp

Cedeno, Vanessa Ines
Pipelines for Computational Social Science Experiments and Model Building
Committee Chair: Prof. M. V. Marathe and Prof. C. J. Kuhlman

Niu, Shuo
Investigating Awareness-Supporting Techniques in Co-located Sensemaking
Committee Chair: Prof. D. S. McCrickard

ELECTRICAL ENGINEERING

December 19, 2019

Ahmed, Mohamed Hassan Abouelella
Power Architectures and Design for Next Generation Microprocessors
Committee Chair: Prof. F. C. Lee and Prof. Q. Li

Allen, Noah Patrick
Electrical Characterization of Gallium Nitride Drift Layers and Schottky Diodes
Committee Chair: Prof. L. J. Guido

Al-Mamun, Mohammad Shah
Impact of Inert-electrode Stack on the Performance, Reliability and Endurance of ReRAM Memory Cell/Array
Committee Chair: Prof. M. K. Orlowski

Banerjee, Sharmi
Computational Approaches to Predict Effect of Epigenetic Modifications on Transcriptional Regulation of Gene Expression
Committee Chair: Prof. X. Wu and Prof. P. Tokekar

Haryani, Nidhi
Zero Voltage Switching(ZVS) Turn-on Triangular Current Mode (TCM) Control for AC/DC & DC/AC Converters
Committee Chair: Prof. R. Burgos

Kim, Jong Wan
Back to Back Active Power Filter with Reduced dc-link Capacitor for Multi-Generator Power Architecture
Committee Chair: Prof. J. S. Lai

Maimaiti, Maimaitirebike
Driving Influences of Ionospheric Electrodynamics at Middle and High Latitudes
Committee Chair: Prof. J. M. Ruohoniemi

Robertson, Ellen Faith
Validation and Characterization of a Laboratory Ion Source for Testing Thermal Space-Plasma Instruments
Committee Chair: Prof. G. D. Earle

Sung, Yoonchang
Multi-Robot Coordination for Hazardous Environmental Monitoring
Committee Chair: Prof. P. Tokekar

August 17, 2019

Chen, Shichao
High-sensitivity Full-field Quantitative Phase Imaging Based on Wavelength Shifting Interferometry
Committee Chair: Prof. Y. Zhu

Herrera, Daniel Jeffrey
Sulfur Implanted GaSb for Non-Epitaxial Photovoltaic Devices
Committee Chair: Prof. L. F. Lester

Li, Xiawen
Power System Stability Improvement with Decommissioned Synchronous Machine Using Koopman Operator Based Model Predictive Control
Committee Chair: Prof. J. De La Reelopez

Mitchell-Colgan, Elliott James
Improved Dynamical Analysis Tools for DFIG Wind Farms via Traditional and Koopman Linearizations
Committee Chair: Prof. V. A. Centeno and Prof. T. Bi

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

Zhao, Chenyuan
Spike Processing Circuit Design for Neuromorphic Computing
Committee Chair: Prof. Y. Yi

ENGINEERING EDUCATION

December 19, 2019

Reeping, David Patrick
Identifying Asymmetries in Web-based Transfer Student Information That Is 'Believed To Be Correct' Using Fully Integrated Mixed Methods
Committee Chair: Prof. D. B. Knight

August 17, 2019

Artiles-Fonseca, Mayra Sharlenne
Choice in the Advisor Selection Processes of Doctoral Engineering Programs
Committee Chair: Prof. H. Matusovich

Cruz Bohorquez, Juan Manuel
Instructional Change in Engineering Education: A Conceptual System Dynamics Model of Adoption of Research-based Instructional Strategies in the Classroom
Committee Chair: Prof. S. G. Adams

July 8, 2019

Maczka, Darren Kurtis
Computing Trajectories: Pathways Into Computer Science and Programming Experience in the First Year
Committee Chair: Prof. J. R. Grohs

ENGINEERING MECHANICS

December 19, 2019

Adjerid, Khaled
Come Together: Beetle Tracheal Collapse Mechanics
Committee Chair: Prof. J. Socha

Jin, Hanxiang
Surface Patterning and Rotordynamic Response of Annular Pressure Seals Used in Turbomachinery
Committee Chair: Prof. A. Untaroiu

Yu, Tian
Bifurcations, Multi-stability, and Localization in Thin Structures
Committee Chair: Prof. M. A. Stremler and Prof. J. Hanna

August 17, 2019

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

July 8, 2019

Taherzadehboroujeni, Mehrzad
Lifetime Estimation for Ductile Failure in Semicrystalline Polymer Pipes
Committee Chair: Prof. S. W. Case

INDUSTRIAL AND SYSTEMS ENGINEERING

December 19, 2019

Agee, Philip Ryan
A Macroergonomics Path to Human-centered, Adaptive Buildings
Committee Chair: Prof. B. M. Kleiner

Cave, Kara Meghan
Evaluation of an Auditory Localization Training System for Use in Portable Configurations: Variables, Metrics and Protocol
Committee Chair: Prof. J. G. Casali

Ebrahimvandi, Alireza
Three Essays on Analysis of U.S. Infant Mortality Using Systems and Data Science Approaches
Committee Chair: Prof. N. Hosseinichimeh

Smith, Natasha Leigh
System Dynamics Simulation Modeling for Understanding the Effect of Transfer Shock on Engineering Transfer Student Persistence
Committee Chair: Prof. E. M. Van Aken

Ulman, Sophia Marie
Gait Variability for Predicting Individual Performance in Military-Relevant Tasks
Committee Chair: Prof. M. A. Nussbaum and Prof. D. Srinivasan

Zhang, Jie
Stochastic Programming Approaches to Multi-product Inventory Management Problems with Substitution
Committee Chair: Prof. S. C. Sarin and Prof. W. Xie

August 17, 2019

Savage, Laura Elizabeth
Collection-and-Delivery-Points: A Variation on a Location-Routing Problem
Committee Chair: Prof. G. D. Taylor, Jr.

July 8, 2019

Liu, Chenang
Smart Additive Manufacturing Using Advanced Data Analytics and Closed Loop Control
Committee Chair: Prof. Z. Kong

Wang, Wenjing
A Dual Metamodeling Perspective for Design and Analysis of Stochastic Simulation Experiments
Committee Chair: Prof. X. Chen

MATERIALS SCIENCE AND ENGINEERING

December 19, 2019

Bawane, Kaustubh Krishna
Silicon Carbide-Nanostructured Ferritic Alloy Composites for Nuclear Applications
Committee Chair: Prof. P. Lu

Chartrain, Nicholas
Strategies for Engineering Cell-Scaffold Interactions in Tissue Scaffolds Fabricated by Vat Photopolymerization
Committee Chair: Prof. A. R. Whittington and Prof. C. B. Williams

Ciarkowski, Timothy A.
Low Impurity Content GaN Prepared via OMVPE for Use in Power Electronic Devices: Connection Between Growth Rate, Ammonia Flow, and Impurity Incorporation
Committee Chair: Prof. L. J. Guido

Gao, Min
Structure-Property Relations on Strain-Mediated Multiferroic Heterostructures
Committee Chair: Prof. D. D. Viehland

Heyl, Hanna Verena
Phase Relations in the YBa2Cu3O7-x - SiO2 System and its Impact on Superconducting Fibers
Committee Chair: Prof. G. R. Pickrell

Tang, Xiao
Magnetoelectric Enhanced Self-assembled Vertically/Horizontally-integrated Heterostructures for Reconfigurable Multi-state Logic Applications
Committee Chair: Prof. D. D. Viehland

August 17, 2019

Kang, Han-Byul
Half-Heusler Thermoelectric Materials and Modules
Committee Chair: Prof. S. Priya

MECHANICAL ENGINEERING

December 19, 2019

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

Burks, William Garret
Modeling and Manufacturing of Vocal Folds: First Steps Towards the Development of an Active Voice-Box Prosthesis
Committee Chair: Prof. R. De Vita and Prof. A. Leonessa

Cheng, Weifeng
Development of the Liquid-based Optical Sensing Systems
Committee Chair: Prof. J. Cheng

Dong, Bin
Modal Analysis of General Cyclically Symmetric Systems with Applications to Multi-Stage Structures
Committee Chair: Prof. R. G. Parker

He, Rui
Systematic Tests for Study of Tire Tractive Performance on Soft Soil
Committee Chair: Prof. C. Sandu

Holladay, Robert Tyler
Steepest-Entropy-Ascent Quantum Thermodynamic Modeling of Quantum Information and Quantum Computing Systems
Committee Chair: Prof. M. R. von Spakovsky

Hurtado, Mark Pastor
Low Speed Ventilation Fan Design for Minimum Noise
Committee Chair: Prof. R. A. Burdisso

Kanimba, Eurydice
Comprehensive Modeling of Novel Thermal Systems: Investigation of Cascaded Thermoelectrics and Bio-Inspired Thermal Protection Systems Performance
Committee Chair: Prof. S. T. Huxtable and Prof. Z. Tian

Kim, Hongjip
Enhanced Energy Harvesting for Rotating Systems Using Stochastic Resonance
Committee Chair: Prof. L. Zuo

Pan, Yu
Design, Modeling and Tests of Electromagnetic Energy Harvesting Systems for Railway Track and Car Applications
Committee Chair: Prof. M. Ahmadian and Prof. L. Zuo

Pereira, Savio Joseph
On the Utilization of Simultaneous Localization and Mapping (SLAM) Along with Vehicle Dynamics in Mobile Road Mapping Systems
Committee Chair: Prof. J. B. Ferris

Roghanizad, Ali Reza
The Development of Novel Apparatus, Systems, and Methods for Non-Invasive Thermal Interrogation (NITI)
Committee Chair: Prof. T. E. Diller

Sebastian, Bijo
Traversability Estimation Techniques for Improved Navigation of Tracked Mobile Robots
Committee Chair: Prof. P. Ben-Tzvi

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

Vadakkeveetil, Sunish
Multi-Length Scale Modeling of Rubber Tribology For Tire Application
Committee Chair: Prof. S. Taheri

Wang, Chenxin
Dynamics of High-Speed Planetary Gears with a Deformable Ring
Committee Chair: Prof. R. G. Parker

Wang, Dewei
Uncertainty Quantification and Accuracy Improvement of the Double-Sensor Conductivity Probe for Two-Phase Flow Measurement
Committee Chair: Prof. Y. Liu

Wasson, Elisa Marie
Engineered Platforms for the Development of Electroporation-Based Tumor Therapies
Committee Chair: Prof. R. V. Davalos

August 17, 2019

Alemi, Mohammad Mehdi
Biomechanical Assessment and Metabolic Evaluation of Passive Lift-Assistive Exoskeletons During Repetitive Lifting Tasks
Committee Chair: Prof. M. A. Nussbaum and Prof. A. T. Asbeck

Cruz Folgar, Ricardo Francisco
Energy Harvesting from Human Body, Motion and Surroundings
Committee Chair: Prof. S. Priya

Mayo, David Earl
The Turbulence Structure of Heated Supersonic Jets with Offset Total Temperature Non-Uniformities
Committee Chair: Prof. W. Ng and Prof. K. T. Lowe

McBride Granda, Sterling Marcelo
A Wave Propagation Approach for Prediction of Tire-Pavement Interaction Noise
Committee Chair: Prof. R. A. Burdisso and Prof. C. Sandu

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

July 8, 2019

Gao, Fan
The Impact Dynamics of Weakly Charged Droplets
Committee Chair: Prof. R. Qiao and Prof. W. Deng

MINING ENGINEERING

December 19, 2019

Huang, Kaiwu
Surface Forces in Wetting Films
Committee Chair: Prof. R. H. Yoon

Li, Biao
Hydrophobic-Hydrophilic Separation Process for the Recovery of Ultrafine Particles
Committee Chair: Prof. R. H. Yoon

July 8, 2019

Fan, Ming
Pore-scale Study of Flow and Transport in Energy Georeservoirs
Committee Chair: Prof. C. Chen

NUCLEAR ENGINEERING

August 17, 2019

Wang, Yafei
Species Chemistry and Electrochemical Separation in Molten Fluoride Salt
Committee Chair: Prof. J. Zhang

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

COUNSELOR EDUCATION

December 19, 2019

Raymond, Karen Denise
Compassion in Professional Counseling: A Delphi Study
Committee Chair: Prof. N. E. Bodenhorn and Prof. L. B. Farmer

July 8, 2019

Fitzgerald, Jenna Rae
The Role of Social Support in Counselors' Responses to Client Adverse Events
Committee Chair: Prof. L. E. Welfare

Sharma, Jyotsana
Socio-cultural Contexts in Trauma Recovery and Post Trauma Growth in Women Who Experienced Intimate Partner Violence: A Social Constructivist Lens
Committee Chair: Prof. G. F. Lawson

CURRICULUM AND INSTRUCTION

December 19, 2019

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

Binthabit, Nouf Mohammed
Instructional Considerations to Improve Speaking Skills Proficiency in Second Language Learners: Design and Development Study
Committee Chair: Prof. K. R. Potter

Okoth, David O.
Design and Development of Metadata Management Tool for Learning Objects
Committee Chair: Prof. K. R. Potter

Spencer-Tyree, Brielle Tinsley
Computational Labs in Calculus: Examining the Effects on Conceptual Understanding and Attitude Toward Mathematics
Committee Chair: Prof. B. D. Bowen

Stephenson, Jessica R.
Place-based Science Education in Appalachia
Committee Chair: Prof. G. E. Glasson

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

Zhang, Qing
Development of a Computer-based Interactive Content Design Framework to Facilitate Metacognition in Solving Ill-structured Problems
Committee Chair: Prof. B. B. Lockee

August 17, 2019

Chang, Rong Bai
Finding Voice Along the Appalachian Mountains: An Autoethnographic Journey of a Female Immigrant Student
Committee Chair: Prof. G. A. Tilley-Lubbs

EDUCATIONAL RESEARCH AND EVALUATION

December 19, 2019

Bowers, Alison Wofford
Effective Environmental Education for Secondary Students in the United States: A Grounded Theory Systematic Review
Committee Chair: Prof. E. G. Creamer

Knies, Jeananne Marie
A Qualitative Study of College Cadet Women's Leadership Identity Development in a Military Training Environment
Committee Chair: Prof. D. J. Kniola

HUMAN DEVELOPMENT

December 19, 2019

Nedela, Mary Rachel
Bisexual Relationships: Investigating the Impact of Attitudes Regarding Bisexuality on Relationship Satisfaction Among Female Same-Gender Couples
Committee Chair: Prof. A. L. Few-Demo and Prof. E. L. Grafsky

August 17, 2019

O'Rourke, Kathleen Mary
Relationship Narratives: Appalachian Women's Experiences with Familial Process of Reentry
Committee Chair: Prof. J. A. Arditti

July 8, 2019

Tsokodayi, Ruvimbo Tapiwa
Refugee Migration Stress and Family Function: A Phenomenological Study of Refugee Mothers from East and Central Africa
Committee Chair: Prof. C. Kaestle

RHETORIC AND WRITING

December 19, 2019

Hanks, Janet
Appalachian Language in the Two-Year College Composition Classroom
Committee Chair: Prof. K. M. Powell

SCIENCE AND TECHNOLOGY STUDIES

December 19, 2019

Croker, Trevor D.
Formation of the Cloud: History, Metaphor, and Materiality
Committee Chair: Prof. J. E. Abbate

Grunert, Jonathan
Strict Fidelity to Nature: Scientific Taxidermy, U.S. Natural History Museums, and Craft Consensus, 1880s to 1930s
Committee Chair: Prof. M. V. Barrow, Jr.

SOCIAL, POLITICAL, ETHICAL, AND CULTURAL THOUGHT

December 19, 2019

Abraham, Judson Charles
Fancy Funerals or Climate Solidarity? Corporatism, Populism, and Just Transitions
Committee Chair: Prof. S. G. Nelson

SOCIOLOGY

December 19, 2019

Lee, Devon Lovelle
Pan Africanist Praxis Ina Belize
Committee Chair: Prof. O. Agozino

COLLEGE OF NATURAL RESOURCES & ENVIRONMENT

FISHERIES AND WILDLIFE

December 19, 2019

Deeley, Sabrina Maris
Ecology of Mid-Atlantic Bats After White-nose Syndrome: Communities, Reproduction, and Diet Within an Urban-to-rural Gradient
Committee Chair: Prof. W. M. Ford

Hope, Sydney Frances
Consequences of Avian Parental Incubation Behavior for Within-clutch Variance in Incubation Temperature and Offspring Behavioral Phenotypes
Committee Chair: Prof. W. A. Hopkins

Thorne, Emily Denise
Spatial Ecology of a Vulnerable Species: Home Range Dynamics, Resource Use, and Genetic Differentiation of Eastern Spotted Skunks in Central Appalachia
Committee Chair: Prof. W. M. Ford

FORESTRY AND FOREST PRODUCTS

December 19, 2019

Green, Patrick Corey
Decision Support for Operational Plantation Forest Inventories Through Auxiliary Information and Simulation
Committee Chair: Prof. H. E. Burkhart

Trozzo, Katie E.
Non-timber Forest Product Livelihoods in Appalachia
Committee Chair: Prof. J. F. Munsell

August 17, 2019

Russell, Edward Morgan
The Combined Effects of Fertilization and Relative Water Limitation on Tissue Water Relations, Hydraulic Parameters and Shallow Root Distribution in Loblolly Pine (Pinus taeda L.)
Committee Chair: Prof. J. R. Seiler

GEOSPATIAL AND ENVIRONMENTAL ANALYSIS

December 19, 2019

Tran, Hoa Thi
Integration of Geospatial Technologies in Monitoring Drought Events in a Coastal Area of Vietnam (Case study: Binh Thuan Province)
Committee Chair: Prof. R. H. Wynne and Prof. J. B. Campbell, Jr.

August 17, 2019

Graham, Michael William
Evaluating the Interactions of Crop Management, Carbon Cycling, and Climate Using Earth System Modeling and Remote Sensing
Committee Chair: Prof. R. Q. Thomas and Prof. M. E. O'Rourke

COLLEGE OF SCIENCE

BIOLOGICAL SCIENCES

December 19, 2019

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

Estrada Lopez, Angie Carole
Understanding the Variability of Skin-associated Bacterial Communities for the Conservation of Threatened Amphibian Species
Committee Chair: Prof. L. K. Belden

He, Xin
Identification and Characterization of LYSMD3, A Novel Epithelial Cell Pattern Recognition Receptor for Chitin
Committee Chair: Prof. C. B. Lawrence

Muchlinski, Andrew Joseph
Identification, Characterization, and Functional Analysis of Terpenoid Specialized Metabolism in Switchgrass (Panicum virgatum) and Carrot (Daucus carota)
Committee Chair: Prof. D. B. Tholl

Rahtes, Allison Anne
Molecular Signaling Mechanisms Behind Non-resolving Pro-inflammatory Macrophage Polarization by Super-low Doses of Bacterial Endotoxin (LPS)
Committee Chair: Prof. L. Li

Vernasco, Ben Joseph
A Proximate Perspective on the Cooperative Behavior of a Lekking Passerine
Committee Chair: Prof. I. T. Moore

Wilson, Maya
Biology and Conservation of the Endangered Bahama Swallow (Tachycineta cyaneoviridis)
Committee Chair: Prof. J. R. Walters

August 17, 2019

El Moustaid, Fadoua
Modeling Temperature Effects on Vector-Borne Disease Dynamics
Committee Chair: Prof. D. M. Hawley and Prof. L. R. Johnson

CHEMISTRY

December 19, 2019

Chen, Junyi
Synthesis and Structure-Property Relationships of Polysaccharide-Based Block Copolymers and Hydrogels
Committee Chair: Prof. K. J. Edgar

Kaur, Kuljeet
Synthesis, Evaluation, and Applications of Hydrogen Sulfide-releasing Supramolecular Materials
Committee Chair: Prof. J. Matson

Li, Xiuli
Block Copolymer Solutions: Transport and Dynamics, Targeted Cargo Delivery, and Molecular Partitioning and Exchange
Committee Chair: Prof. L. A. Madsen

Li, Yunhua
Development of Bionanocomposite for Environmental Application
Committee Chair: Prof. J. R. Morris

Liu, Jianzhao
Studies of Macromolecule/molecule Adsorption and Activity at Solid Surfaces
Committee Chair: Prof. A. R. Esker

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

Sharp, Conor Hays
Fundamental Studies of the Uptake and Diffusion of Sulfur Mustard Simulants within Zirconium-based Metal-Organic Frameworks
Committee Chair: Prof. J. R. Morris

Smith, Cecilia Lynn
Instrument Development for Exploring the Influence of Interfacial Chemistry on Aerosol Growth, Aging, and Partitioning of Gases
Committee Chair: Prof. J. R. Morris

August 17, 2019

Ju, Lin
Non-Covalent Interactions in Polymeric Materials: From Ionomers to Polymer Blends
Committee Chair: Prof. R. B. Moore III

Noble, Kristen Felice
Tailored Chain Sequences of Brominated Syndiotactic Polystyrene Copolymers via Post-Polymerization Functionalization in the Heterogeneous Gel State
Committee Chair: Prof. R. B. Moore III

July 8, 2019

Khan, Assad Ullah
Thin-Film Polymer Nanocomposites Composed of Two-dimensional Plasmonic Nanoparticles and Graphene
Committee Chair: Prof. G. Liu

Liu, Xiaoyang
The Studies of Fullerenes and Metallofullerenes in Geometry, Electron Transfer, Chromatography and Characterization
Committee Chair: Prof. H. C. Dorn

Powell, Chadwick R.
Synthesis of Small Molecule and Polymeric Systems for the Controlled Release of Sulfur Signaling Molecules
Committee Chair: Prof. J. Matson

GEOSCIENCES

December 19, 2019

Jayne, Richard Scott
Implications of Permeability Uncertainty Within Engineered Geologic Fluid Systems
Committee Chair: Prof. R. Pollyea

August 17, 2019

Guo, Zhen
Global Structure of the Mantle Transition Zone Discontinuities and Site Response Effects in the Atlantic and Gulf Coastal Plain
Committee Chair: Prof. Y. Zhou

Moore, Lowell
The Volatile Contents of Melt Inclusions and Implications for Mantle Degassing and Ocean Island Evolution
Committee Chair: Prof. R. J. Bodnar

MATHEMATICS

December 19, 2019

Bura, Cotiso Andrei
Mathematical Frameworks for Quantitative Network Analysis
Committee Chair: Prof. C. M. Reidys

Kadelka, Mirjam Sarah
Mathematical and Numerical Investigation of Immune System Development and Function
Committee Chair: Prof. M. S. Ciupe

Munster, Drayton William
Robust Parameter Inversion Using Projection-Based Reduced Order Models and Stochastic Estimates
Committee Chair: Prof. E. De Sturler

July 8, 2019

Aslan, Songul
The Combinatorial Curve Neighborhoods of Affine Flag Manifold in Type A_{n-1}^(1)
Committee Chair: Prof. C. L. Mihalcea

Rupnow, Rachel Lynn
Examining Connections Among Instruction, Conceptual Metaphors, and Beliefs of Instructors and Students
Committee Chair: Prof. E. Johnson

PHYSICS

December 19, 2019

Azizi, Ahmadreza
Critical Phenomena in Presence of Symmetric Absorbing States
Committee Chair: Prof. M. J. Pleimling

Dai, Hongxia
Measurement of the (e,e') Cross Section for 12C, 48Ti, 27Al and 40Ar
Committee Chair: Prof. C. Mariani

He, Zhixing
Self-assembly of Anisotropic Nanostructures and Interferometric Spectroscopy
Committee Chair: Prof. H. Robinson

Lee, Anna R.
Precision Measurement of the Weak Charge of the Proton and Parity Violation in the N -> ? Transition
Committee Chair: Prof. M. L. Pitt

Li, Yanlong
Scanning Probe Microscopy Study of Molecular Self Assembly Behavior on Graphene 2D material
Committee Chair: Prof. J. R. Heflin

Raum, Peter Thomas
Exact Diagonalization Studies of Strongly Correlated Systems
Committee Chair: Prof. V. W. Scarola

Zeng, Junkai
Dynamically Corrected Quantum Control: A Geometrical Framework
Committee Chair: Prof. E. F. Barnes

Zheng, Husong
STM Study of Interfaces and Defects in 2D Materials
Committee Chair: Prof. C. Tao

August 17, 2019

Feng, He
A Study on Heterotic Target Space Duality Bundle Stability/Holomorphy, F-theory and LG Spectra
Committee Chair: Prof. L. B. Anderson

July 8, 2019

Mccutcheon, Kelly R.
Ionic Self-Assembled Multilayers in a Long Period Grating Sensor for Bacteria and as a Source of Second-Harmonic Generation Plasmonically Enhanced by Silver Nanoprisms
Committee Chair: Prof. J. R. Heflin

PSYCHOLOGY

August 17, 2019

Coffman, Marika Cerie
Common and Distinct Neural Mechanisms of Fear Acquisition and Reversal in Comorbid Autism with Social Anxiety and Social Anxiety Disorder Uncomplicated by Autism
Committee Chair: Prof. J. A. Richey

Sullivan, Connor Patrick
Utilizing Retrospective Accounts of Primary Symptom-Clusters to Predict PTSD Over Time in Women Survivors of Domestic or Sexual Assault
Committee Chair: Prof. R. T. Jones

Valdespino, Andrew D.
The Impact of Threat on Behavioral and Neural Markers of Learning in Anxiety
Committee Chair: Prof. J. A. Richey

Wieckowski, Andrea Trubanova
Attention Modification to Attenuate Facial Emotion Recognition Deficits in Children with ASD
Committee Chair: Prof. S. W. White

July 8, 2019

Swain, Deanna
Impact of Mindfulness-Enhanced Pivotal Response Group Treatment on Parenting Stress: A Randomized Controlled Trial
Committee Chair: Prof. A. Scarpa-Friedman

STATISTICS

December 19, 2019

Quevedo Candela, Ana Valeria
Statistical Methods for Non-Linear Profile Monitoring
Committee Chair: Prof. G. G. Vining

Shen, Sumin
Contributions to Structured Variable Selection Towards Enhancing Model Interpretation and Computation Efficiency
Committee Chair: Prof. X. Deng

Sun, Furong
Some Advances in Local Approximate Gaussian Processes
Committee Chair: Prof. R. B. Gramacy

August 17, 2019

Jin, Zhongnan
Statistical Methods for Multivariate Functional Data Clustering, Recurrent Event Prediction, and Accelerated Degradation Data Analysis
Committee Chair: Prof. Y. Hong

Lu, Ruijin
Scalable Estimation and Testing for Complex, High-Dimensional Data
Committee Chair: Prof. H. Zhu

Mao, Huiying
Optimal Driver Risk Modeling
Committee Chair: Prof. F. Guo and Prof. X. Deng

Metzger, Thomas Anthony
Detection of Latent Heteroscedasticity and Group-Based Regression Effects in Linear Models Via Bayesian Model Selection
Committee Chair: Prof. C. T. Franck

Slifko, Matthew D.
The Cauchy-Net Mixture Model for Clustering with Anomalous Data
Committee Chair: Prof. S. C. Leman

July 8, 2019

Fadikar, Arindam
Stochastic Computer Model Calibration and Uncertainty Quantification
Committee Chair: Prof. D. Higdon

Huang, Jiangeng
Sequential Learning, Large-scale Calibration, and Uncertainty Quantification
Committee Chair: Prof. R. B. Gramacy

THE VIRGINIA-MARYLAND COLLEGE OF VETERINARY MEDICINE

BIOMEDICAL & VETERINARY SCIENCES

December 19, 2019

Carvalho Menarim, Bruno
Macrophage-mediated Regulation of Joint Homeostasis
Committee Chair: Prof. L. A. Dahlgren

Catanzaro, Nicholas
Molecular Mechanisms of Porcine Reproductive and Respiratory Syndrome Virus Replication and Pathogenesis
Committee Chair: Prof. X. Meng

Ramesh, Ashwin Kumar
Evaluation of Intramuscular Vaccine Efficacy Against Enteric Viral Diseases in Gnotobiotic Pigs
Committee Chair: Prof. L. Yuan

August 17, 2019

Hazy, Amanda Dawn
Novel Immune-Regulatory Mechanisms in a Mouse Model of Traumatic Brain Injury
Committee Chair: Prof. M. H. Theus

Ren, Jingjing
The Role of Histone Deacetylase 6 Inhibition on Systemic Lupus Erythematosus
Committee Chair: Prof. X. Luo

INTERDISCIPLINARY DEGREES

GENETICS, BIOINFORMATICS AND COMPUTATIONAL BIOLOGY

August 17, 2019

Song, Qi
Developing Machine Learning Tools to Understand Gene Regulation in Plants
Committee Chair: Prof. S. Li

Tian, Long
Tackling the Current Limitations of Bacterial Taxonomy with Genome-based Classification and Identification on a Crowdsourcing Web Service
Committee Chair: Prof. B. A. Vinatzer

MACROMOLECULAR SCIENCE AND ENGINEERING

December 19, 2019

Fallon, Jake Jeffrey
Structure-Process-Property Relationships of Cellulose Nanocrystal Thermoplastic Composites
Committee Chair: Prof. M. J. Bortner

Vondrasek, Britannia
Hydration Mechanisms in Ionic Polysulfones for Desalination Membrane Applications
Committee Chair: Prof. J. J. Lesko and Prof. J. S. Riffle

TRANSLATIONAL BIOLOGY, MEDICINE AND HEALTH

December 19, 2019

Athamneh, Liqa
Future Thinking to Decrease Real-World Drinking in Alcohol Use Disorder: A Controlled Field Trial Testing the Reinforcer Pathology Concept
Committee Chair: Prof. W. K. Bickel

Bharath Krishnan Nair, Sreekumar
The Role of IkZF Factors in the Development of Th1 and Tfh Cells
Committee Chair: Prof. K. Oestreich

Lebovitz, Yeonwoo
Modulation of Neurodevelopmental Outcomes Using Lactobacillus in a Model of Maternal Microbiome Dysbiosis
Committee Chair: Prof. M. H. Theus

Verma, Meghna
Modeling Host Immune Responses in Infectious Diseases
Committee Chair: Prof. J. Bassaganya-Riera

August 17, 2019

Greer, Kisha Michelle
Aberrant Hippocampal Neurogenesis Contributes to Learning and Memory Deficits in a Mouse Model of Repetitive Mild Traumatic Brain Injury
Committee Chair: Prof. M. H. Theus

DOCTOR OF EDUCATION

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

December 19, 2019

Coefield, Cora Beatress
School Leadership Practices, Student Socioeconomic Status, and Student Achievement in One Virginia School District
Committee Chair: Prof. C. S. Cash and Prof. T. S. Price

August 17, 2019

Banks, Dora Mae
Identifying Principal Leadership Practices to Effectively Support Gifted Learners and Gifted Programs
Committee Chair: Prof. C. S. Cash and Prof. T. S. Price

EDUCATION SPECIALIST

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

CURRICULUM AND INSTRUCTION

August 17, 2019

Havens, Johnna Lynn

July 8, 2019

Hutchison, Brittany Carol

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

December 19, 2019

Banks, Brandon Spencer
Bowler, Candice Jennifer
Holthaus, Marjo Ann
Willis, Christina J.

MASTER'S DEGREES

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

MASTER OF SCIENCE

AGRICULTURAL AND APPLIED ECONOMICS

August 17, 2019

Knaresboro, Lauren Marie
Paik, SongYi
Spech, Ryan Daniel

July 8, 2019

Grossen, Grace Elizabeth

AGRICULTURAL AND LIFE SCIENCES

December 19, 2019

Anderson, Amber Alease
Camp, Rachel Jeanette Logan
Cooper, Jason Brondell
Graham, Crystal S.
Hill, Ahmed I.
Leech, Samuel P.
Lillard, Clare K.
Lindsay, Kortni Taylor
Ritz, Peter Phillip
Wiehl, Benjamin Avram

August 17, 2019

Byrne, Mary Claire
Dolan, Amanda Marie
Harden, Emma Shea
Maser, Amanda Blake
Walden, Alyssa Ward

July 8, 2019

Price, Allison B.
Robinson, Dillon Michael
Royeen, David D.

ANIMAL AND POULTRY SCIENCES

December 19, 2019

Helsel, Patricia J.
Kimble, Lauren Nicole
Pauliukonis, Alexander Christian

July 8, 2019

Adkins, Janie Ellen
Daniels, Rachel Page
Liu, Kuan-Ling
Reynolds, Krista Lynn

CROP AND SOIL ENVIRONMENTAL SCIENCES

December 19, 2019

Boyd, Luke David-Allen
Herrmann, Matthew Alexander
Lancaster, Caroline Marie

August 17, 2019

Cappellin, Catherine Brooks

MASTER OF SCIENCE IN LIFE SCIENCES

DAIRY SCIENCE

August 17, 2019

Huffard, Haley Garrett

ENTOMOLOGY

July 8, 2019

Jubb, Carrie Sue
Sandum, Ian Joshua

FOOD SCIENCE AND TECHNOLOGY

December 19, 2019

Phillips, J'Nai Britny
Poe, Nicholas Edward

COLLEGE OF ARCHITECTURE AND URBAN STUDIES

MASTER OF ARCHITECTURE

December 19, 2019

Jia, Daxin
Pendleton, Bryce
Pfeffer, Erich John
Sun, Zhuying
Uricks, Ryan Gerard
Xu, Yuchao
Zhang, Xu

August 17, 2019

Barrios Sosa, Maria Ines
Jiang, Mingzhen
Sturniolo, Rebecca Lynn

July 8, 2019

Chen, Yao
Dai, Jiaqi
Jalal, Tooba
Liu, Zhuoran
Zhao, Tianming

MASTER OF FINE ARTS

CREATIVE TECHNOLOGIES

December 19, 2019

Comstock, Hannah Marie
Edison, Jasmine Brooke
Franusich, David J.
Jones, Tacie Nicole
Monzel, Daniel Robert

July 8, 2019

Gorjian, Mahshid
Liu, Xindi

MASTER OF LANDSCAPE ARCHITECTURE

December 19, 2019

Tian, Yuhui

MASTER OF PUBLIC ADMINISTRATION

PUBLIC ADMINISTRATION/PUBLIC AFFAIRS

December 19, 2019

Abbotts, Elliott A.
Deal, Daniel Brady
Failla, Lauren Camille
Freeman, Sandra Pearl
Grant, Charles Lewis
McCoy, Jonathan P.
Rose, Ian Webb
Singleton, Lashawnda
Vu, Trang Thi Thu

MASTER OF SCIENCE

ARCHITECTURE

December 19, 2019

Chen, Nanxi
Fernandez, Cristina Maria
Kirkland, Benjamin Renfroe

BUILDING/CONSTRUCTION SCIENCE AND MANAGEMENT

December 19, 2019

Jeddi Yeganeh, Armin
McBride, Zachary Matthew

August 17, 2019

Wang, Zhulin

MASTER OF URBAN AND REGIONAL PLANNING

December 19, 2019

Fraker, Joseph William
Mahdu, Samantha Nicole
McCoy, Jonathan P.
Mo, Fan

July 8, 2019

Jackson, Zachary Alexander

PAMPLIN COLLEGE OF BUSINESS

MASTER OF ACCOUNTING AND INFORMATION SYSTEMS

December 19, 2019

Bradley, Miranda Renee
Wu, Ming-Hsuan

August 17, 2019

Griffin, Kellee Gabrielle
Ksanznak, Jason Michael
Rivera, Omar Manuel
Stegmuller, Nicklaus Thomas

July 8, 2019

Bolt, Cheyenne Renee

MASTER OF BUSINESS ADMINISTRATION

August 17, 2019

Braden, Jessica Rae
Broadwell, Jillian
Crotto, Wayne
Dalton, Matthew James
Driver, Brett Wise
Gu, Lin
Lam, Kuong Huynh
Marzden, Ramage Alexander
Nevarez, Karyna D.
Russell, Elizabeth Foil
Showalter, Whitney Davis
Smith, Wesley Adam
Steinberg, Laura Arlene

MASTER OF SCIENCE

BUSINESS ADMINISTRATION

December 19, 2019

Kirk, Tyler Sugino
Shi, Xiaolei

August 17, 2019

Gibson, Alexandra

July 8, 2019

Asbury, Katherine Frances
Bahrami, Alexander Said
Bonaventura, Deanna Lucille
Carey, Brandon Alexander
Casadonte, Matthew Drews
Cogar, Grant Steven
Gullickson, Andrew Jeffrey
Hill, Brian John
Hoare, Michael Anthony
Hou, Bingqi
Hugel, Brett Michael
Hughes, Trevor D.
Kheou, Ratanak
Mazumder, Prateeksha
Monday, Justin W.
Moore, Rachel Nicole
Morsch, Robert Christian
Paudel, Barun
Pitz, John Kemper
Roghanizad, Ali Reza
Skubic, Jake Thomas
Sleigh, Thomas Gerard
Thokala, Akhilesh
White, Robert Edward
Williford, Alyssa Leigh
Yao, Linbo
Zhang, Shumeng

COLLEGE OF ENGINEERING

MASTER OF ENGINEERING

CHEMICAL ENGINEERING

December 19, 2019

Boyce, Kennedy Rose
Pritchard, Cailean Quinn

COMPUTER ENGINEERING

December 19, 2019

Shroff, Parth Siddharth

August 17, 2019

Shah, Rishi Jayesh

July 8, 2019

Kulkarni, Mihir Sagar
Wang, Chenhao

ELECTRICAL ENGINEERING

December 19, 2019

Emanuel, Michael Andrew
Sreeram, Nirmala

August 17, 2019

Jarrett, Jason Bradley Eli

July 8, 2019

Walker, Naomi Louise

INDUSTRIAL AND SYSTEMS ENGINEERING

December 19, 2019

Boyd-Sinkler, Karis Elisabeth
Kong, DeSheng

MATERIALS SCIENCE AND ENGINEERING

December 19, 2019

Kong, Lingchen

MECHANICAL ENGINEERING

December 19, 2019

Stively, Adam Phillip

MASTER OF SCIENCE

AEROSPACE ENGINEERING

December 19, 2019

Bergin, Troy James
Blevins, Brian Douglas
Carrier, Matthew James
DellaFera, Andrew Brian
Gautham, Tejaswini
Martin, Christian Tyler
Miglani, Jitish
Pisharoti, Naina
Sibai, Munira
Zelenka, Adam Noah

August 17, 2019

Nikrant, Alex Warner
Rosenthal, Jacob Andrew

July 8, 2019

Cisneros, Jason Todd
Whiting, Nolan Wagner

BIOLOGICAL SYSTEMS ENGINEERING

December 19, 2019

Lohneis, Taylor Paige
Patton, Hannah Elisabeth
Withers, Urban Samuel

July 8, 2019

Hu, Yihuai

BIOMEDICAL ENGINEERING

December 19, 2019

Basantis, Alexis Rae
Katzenberger, Michael J., Jr.
Mottley, Carolyn Yvette
Singh, Jugroop Kaur

CHEMICAL ENGINEERING

December 19, 2019

Chin, Ai Lin
Conway, Olivia Kristine
Hittel, Jonathan Erwin
Mansfield, Craig D.

August 17, 2019

Kriegel, Alex Timothy

CIVIL ENGINEERING

December 19, 2019

Adams, Taylor Scott
Agarwalla, Kewal
Alsharari, Thamer Mubarak
Attreed, Corbin Charles
Bachchuwar, Samruddha Prakash
Bapat, Animish Sunil
Baumstark, Rebecca Anne
Bustillos Tarifa, Franz Carlos
Calfe, Michael Louis
Casey, Christopher Patrick

Deshmukh, Asmita Anil
Divakar, Sunil
Dulal, Manish
Ebrahim, Fatemah Mohammad
Franczek, Kaitlyn Emily
Gergel, John Thomas
Ghimire, Prakash
Gurram, Vikas
Hall, Madison Rae
Ingram, Hunter Brown
Jenkins, Morgan Christen
Juliano, Alex Michael
Kadam, Omkar Vijaykumar
Kizer, Rachel Elizabeth
Knittle, Roger Clark
Kryschtal, Pamela Jean
Lee, Sunjae
Ma, Xiaoran
Montalvo, Cristopher
Nayyar, Ginny
Nolivos Galarza, Maria Gabriela
Ochani, Ayush Sunil
O'Connor, Virginia Roach
Printz, Kathryn Elizabeth
Ramirez, Raul Eduardo Avellaneda
Ranga Prasad, Gokul
Ravichandran, Srividya
Ritchie, Jenna Jane
Roever, Matthew James
Sheppard, Jaimie Hendrika
Sindabizera Ntwari, Ted
Sk. Md., Ishraque
Spencer, Matheu Storme
Sumner, Ashley Nicole
Tewani, Manas Satish
Thompson, Delaney Colleen
Thorat, Shubham Madhukar
Thum, Tat Shing
Todd, Eric Charles
Truong, Trung Tran
Wang, Zhihao
Wang, Zixuan
Wu, Yu-Te
Yu-Shan Chevez, Abril Victoria

August 17, 2019

Bae, Hwangbo
Brilli, Nicola Carmine
Gil, Edward Matthew
Jiang, Yusheng
Keene, Colton Levi
Kong, Hye-Eun
Li, Mia Kuier
Najmeddine, Aimane

July 8, 2019

Bennett, Michael Dever
Li, Shuang Jack
Lindley, Seth Michael
Rosenthal, Joshua Thomas

COMPUTER ENGINEERING

December 19, 2019

Liu, Beichen
Mathew, Ajit
Pang, Yihan
Talapkaliyev, Daulet
Zhan, Yue

August 17, 2019

Dhami, Harnaik Singh
Kiaei, Pantea
Malik, Akshat
Suryan, Varun

July 8, 2019

Flowers, Bryse Austin
Kathuria, Tarun
Raghuraman, Shashank
Sen, Anamika Ashit
Yellapantula, Sudha Ravali

COMPUTER SCIENCE AND APPLICATIONS

December 19, 2019

Adhikari, Bijaya
Hassan, Taha
Herbst, Alyssa Kathryn
Islam, Md Mazharul
Narayanamurthi, Mahesh
Peng, Peng
Powell, Edward L.
Sullivan, Patrick Ryan
Wang, Jiamin
Wen, Chengyuan
Wonderly, Jackson Daniel

August 17, 2019

Liu, Xiaoyang

July 8, 2019

Bortz, Brennon C.
Trammell, Melanie Kaye

ELECTRICAL ENGINEERING

December 19, 2019

Alvarez, Genesis Barbie
He, Jiaji
Huang, Zhengrong
Jalali, Mana
Li, Jiayu
Li, Yanlong
Marinkovich, Aaron James Angelo
Raszmann, Emma
Song, Hao
Theis, Logan Bartley
Wang, Junjie
Watt, Grace R.
Wu, Ziling
Yang, Shuo
Zhang, Qianqian
Zhou, Zhou
Zhu, Ruoxi

August 17, 2019

Black, Jacob Aaron
Cai, Yinsong
Dimobi, Ikechukwu Samuel
Gill, Lee
Nair, Kartik
Patel, Heta Ajay
Shrestha, Pratigya
White, Parker Douglas

July 8, 2019

Cangan, Barnabas Gavin
Gerhard, William Edward, III
Gundu, Pavan Kumar
Moses, Magdalina Louise

ENGINEERING MECHANICS

December 19, 2019

Howes, Kayla Shianne

August 17, 2019

Hou, Sindy Siyuan

ENVIRONMENTAL ENGINEERING

December 19, 2019

Busch, Sarah Elizabeth
Chung, Kyung Sun
Ma, Xiaoran
Mann, Pamela Diane
Partin, Allison Kaitlyn
Riehl, Jacob Buckwin

August 17, 2019

Buehlmann, Peter Hamilton

July 8, 2019

Agioutanti, Eleftheria

INDUSTRIAL AND SYSTEMS ENGINEERING

December 19, 2019

Hampton, Cynthia
Wang, Tianzi

MECHANICAL ENGINEERING

December 19, 2019

Bareiss, Max G.
Budolak, Daniel Wojciech
Cen, Yijia
Ceritano, Davide Walter
Chauhan, Raghuraj Jitendra
Donnelly, James Joseph
Ghosh, Arindam
Jiang, Boxi
Kadam, Ruthvik Dinesh
Lin, Rui
Pesek, Taylor Harrison
Qiu, Peiwen
Silas, Kevin Alexander
Wang, Yiying

August 17, 2019

Dama, Nilesh Madhavji
Papakis, Ioannis
Sibold, Ridge Alexander
Vanteddu, Teja
Wilson, Bradford Asin
Wood, Evan A.

July 8, 2019

Garrabrant, Austin Joseph
Ge, Dayang
Patel, Chitvan Kirit
Sampathkumar, Shrihari
Srinivasan, Vivek
Subramanian, Sathyanarayanan
Zheng, Panni

MINING ENGINEERING

December 19, 2019

Leake, Morgen Ray
Liu, Shushu
Morrison, Ethan David

August 17, 2019

Zhang, Kaiyi

NUCLEAR ENGINEERING

December 19, 2019

Chan, Ryan James

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

MASTER OF ARTS

COMMUNICATION

December 19, 2019

Gaskill, Meghan Lynne

ENGLISH

December 19, 2019

Deiter, Katharina Rose

August 17, 2019

Harjung, Anna Joy

July 8, 2019

Lunde, Mary Rose
Tiller, Samuel Perry

FOREIGN LANGUAGES, CULTURES, AND LITERATURES

December 19, 2019

Jezierski, Katherine Graves

HISTORY

December 19, 2019

Bolin, Nicholas John
Boyd, Taylor Rae

August 17, 2019

Gallagher, Jennifer Ann

PHILOSOPHY

December 19, 2019

Blair, Jarrod Logan
Shifrel, Zachary D.

August 17, 2019

Chang, Kuo Fu Si Hua

POLITICAL SCIENCE

December 19, 2019

Gee, Kelly Tsiptsis
Moore, Elisabeth Jane
Nasca, David Stephen
Riebsame, Patrick James
Seiler, Christopher Davis

MASTER OF ARTS IN EDUCATION

CURRICULUM AND INSTRUCTION

December 19, 2019

Clayton, Callie Esperann
Lee, Youjin
Smith, Tyrell Allen

August 17, 2019

Akers, Maggie Lynne
Bishop, Tiffany Nicole
Ferguson, Nancy Jacinthe
Hoos, Dana Kreutzer
Linza, Charlotte Marie
Richert, Wendi Gibson
Slusher, Jodie Faye
Zink, Kathleen Marie

July 8, 2019

Davis, Mackenzie Rae
Holland-Deskins, Sherrial Annece
Jones, Kimberly Monique
Whitaker, Christina Susanne

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

December 19, 2019

Barnett, Stacey Michele
Fleming, Jennifer Lynn
McElroy, Angela Nicole

August 17, 2019

Neal, Robert Gus, IV

MASTER OF SCIENCE

HUMAN DEVELOPMENT

July 8, 2019

Mcgregor, Casey Marie

SCIENCE AND TECHNOLOGY STUDIES

December 19, 2019

Leff, Jack R.

SOCIOLOGY

December 19, 2019

Becchetti, Amanda Lee
Drewry, Holli G.
Haines, Cory Blake

July 8, 2019

Raj, Anamika

MASTER OF SCIENCE IN EDUCATION

CAREER AND TECHNICAL EDUCATION

December 19, 2019

Brewer, Keri Marie
Campbell, Hannah Sayre

July 8, 2019

Fuller, Tammy W.

COLLEGE OF NATURAL RESOURCES & ENVIRONMENT

MASTER OF FORESTRY

December 19, 2019

Howell, Robert Wayne

MASTER OF NATURAL RESOURCES

December 19, 2019

Couper, Brittany Leigh
Cricenti, Johanna Zainudin
Crow, Kayla Suzanne
Demark, Kristine
Hawkins, Barry Gleaves
Moore, Shelley Rae
Mungo, Jonette E.
Savioli, Jessica Wade
Sellari, Leigh Anne
Stater, Spencer Allen
Steinkraus, Ashley Anna-Marie
Suarez-Rebolledo, Maria A.
Tesfay, Saba Emilie
Travella, Maria Sophia
Weaver, Lisa A.

August 17, 2019

Bata, Casey Marie
Distel, Marshall
Dydek, Daniel
Gilmore, Stewart James
Golieb, Steven C.
Hodapp, Emily Ann
Hudson, Michael Bernard
Kupar, Allison Marie
Neuburg, Emily Jeanette
Rodriguez, Yanet del Carmen

MASTER OF SCIENCE

FISHERIES AND WILDLIFE

December 19, 2019

Aubin, Gisele Rosalie
Barr, Elaine Lewis
Bourquin, Rebecca May
Harris, Sheila Catherine
Jorge, Marcelo Haidar
Moore, William McGee

August 17, 2019

McNitt, David Clarke

FORESTRY AND FOREST PRODUCTS

December 19, 2019

Bugledits, Dorina
Dukes, Christopher Jered
Mejias Rojas, Alina
Quesenberry, Chandler Blake
Stutesman, Jonathan Harley
Williams, Paige T.

August 17, 2019

Hammer, Rachel Lynn
Scott, Samuel George

July 8, 2019

Fitchett, Leah Lynn
Weiglein, Tyler Lorenz

GEOGRAPHY

December 19, 2019

Morrow, James Jowdy
Starner, Joshua D.
Stevenson, Megan Nicole
Villarreal, Mark David

COLLEGE OF SCIENCE

MASTER OF ARTS

ECONOMICS

December 19, 2019

Chan, Chao Hung
Gu, Yuan
Holtschneider, Alex Michael
Nurmukhametov, Azat
Sedaghatkish, Nazanin
Vu, Minh Long

MASTER OF ARTS IN DATA ANALYSIS AND APPLIED STATISTICS

December 19, 2019

Gajewski, Zachary John

July 8, 2019

Maimaiti, Maimaitirebike

MASTER OF SCIENCE

BIOLOGICAL SCIENCES

December 19, 2019

Rosales, Adam Joseph

August 17, 2019

Bradford, Elaine Alison

CHEMISTRY

December 19, 2019

Medici, Eric

July 8, 2019

Teke, Nakul Kushabhau

GEOSCIENCES

December 19, 2019

Koeller, Krista Leslie Marie

August 17, 2019

Bauer, McNeill John
DePaolis, Jessica
Korneisel, Dana Elaine
Wiersma, Codi Allen

July 8, 2019

Law, Stacey E.

MATHEMATICS

December 19, 2019

Garcia Hilares, Nilton Alan
Hughes, Ryan Patrick
Macatula, Romcholo Yulo
Schmidt, Michael David

August 17, 2019

Grigorian, Zachary

July 8, 2019

Phillips, Nathaniel D.

PHYSICS

December 19, 2019

Castillo, Christopher Andrew
Gu, Linjie

PSYCHOLOGY

December 19, 2019

Mastrich, Zachary Hall
Nie, Weiwen

STATISTICS

December 19, 2019

Zhang, Boya

THE VIRGINIA-MARYLAND COLLEGE OF VETERINARY MEDICINE

MASTER OF PUBLIC HEALTH

December 19, 2019

Agnew, Jessica Lauren
Gardner, April Renee
Lewis, Marc Theron
Medrano, Miranda Benita
Pietropaoli, Sarah Maureen
Plunkard, Jessica Christine Mae
Saver, Ashley Elizabeth
Talley, Samantha Rae

July 8, 2019

Terry, Alexis Nicole

MASTER OF SCIENCE

BIOMEDICAL & VETERINARY SCIENCES

December 19, 2019

Clothier, Stacy Lauren
Shinn, Richard Levon
Wang, Zhuang

August 17, 2019

Trager, Lauren Rachel

July 8, 2019

Dodd, Lauren Elizabeth
Khatibzadeh, Sarah M.

INTERDISCIPLINARY DEGREES

MASTER OF INFORMATION TECHNOLOGY

December 19, 2019

Ahmad, Mahpara
Aljure Escandon, Juan David
Alladi, Malleshaiah
Briggs, Christopher Charles
Brown, Allen Lloyd
Cabrera, Nicholas Andrew
Carson Jovellanos, Ezequiel
Cartusciello, Ethan Conner
Clark, Charles Champ, III
Cook, Brian David
Davis, Olivia Ashley
Elam, Elise Renee
Eyer, Courtney R.
Gardner, Julia Helen
Hammond, James Scott
Hauer, Helen Marie
Herbert, Ranjit Paul
Josias, Joseph Patrick
Kaur, Dilpreet
Keenum, Brian Christopher
Kobezak, Amy Tunison
Koch, Ashley Victoria
Lamb, Jason Daniel
Landosky, Gregory Robert
Lawther, Christopher Ralph
Lin, Yan Dur
Lineweaver, Jennifer Lynn
McCoy, Daniel Lee
McFadden, Lisa Meredith
McGaha, Douglas Wynn
Meyer, Christopher Schuyler
Petrie, Mark Anthony, Jr.

Pinto, Carlos Ryan
Raghunathan, Pradeep
Rangineni, Manohar Rao
Richardson, Adam Jon
Rouleau, David Christopher Jackson
Sarabnezhadjavadsani, Maryam
Schweyer, Domenyck Alexander
Shaffer, Mary Jo
Sharma, Nakul Purshotam
Sindlinger, Teresa Marie
Smith, Colin
Stallone, Michael Patrick
Tam, Derek Wai
Tevelow, Benjamin Conor
Twombly, Christopher Paul
Wyler, Andrew Victor
York, Heidi Williams
Yuen, Arvid Wai Tung

August 17, 2019

Ahmed, Sohaib Mohammed
Breeden, Brian Curtis
Brodfuehrer, Marcus Adam
Cameron, Lucas Gregory
Chen, Zian
Decker, Matthew
Dishman, Devon James
Eckmeier, Glenn Walter
Estabrook, Thomas Robert
Ghaderi, SeyedZoheyr
Kaneshiro, Justin Paul
Kelly, Justin Derrick Lee
Krieghoff, Trisha M.
Mahoney, Brendan John
Oros, Margaret
Schuetz, Ronald Dennis, Jr.
Spiers, Alexandrea Hope
Tydings, Christopher Michael
Venkatraman, Nikhilesh
Young, Kevin Howard

GRADUATE CERTIFICATES

BUSINESS ANALYTICS AND DATA MINING

December 19, 2019

Vu, Ann Van

July 8, 2019

O'Neill, Jonathan Carl

DATA ANALYTICS

December 19, 2019

Liu, Xiaoyang

EDUCATIONAL RESEARCH

July 8, 2019

Li, Dan

FUTURE PROFESSORIATE

December 19, 2019

Adjerid, Khaled
Alegbeleye, Ibukun Damilola
Boribong, Brittany Phatana
Donnelly, Sarah Rebecca
Elsherbiny, Noha
Fernandez, Cristina Maria
Gupta, Adbhut
Hughes, Michael Douglas, Jr.
Liu, Chang
Masri, Reem Abed
Nandi, Riya
Netto, Brett Raymond
Rincon Gallardo Patino, Sofia
Sharma, Jyotsana

August 17, 2019

Arnold, Nicole Leanne

July 8, 2019

Forouzesh, Negin
Haynes, Jenna Rae

GERONTOLOGY

July 8, 2019

Naar, Jill Juris
Ragsdale, Margaret Layne

GLOBAL SUSTAINABILITY

August 17, 2019

Bata, Casey Marie
Couper, Brittany Leigh
Crow, Kayla Suzanne
Dydek, Daniel
Gilmore, Stewart James
Hodapp, Emily Ann
Hudson, Michael Bernard
Neuburg, Emily Jeanette
Steinkraus, Ashley Anna-Marie

HEALTH INFORMATION TECHNOLOGY

December 19, 2019

Sindlinger, Teresa Marie

HIGHER EDUCATION ADMINISTRATION

July 8, 2019

Rodriguez-McGill, Claudia L.

HUMAN-CENTERED DESIGN

December 19, 2019

Masters, Adam Stark
Stelter, Timothy Lewis

July 8, 2019

Trammell, Melanie Kaye

HUMAN FACTORS OF TRANSPORTATION SAFETY

December 19, 2019

Basantis, Alexis Rae

INFORMATION SECURITY AND ANALYTICS

December 19, 2019

Young, Kevin Howard

INFORMATION TECHNOLOGY MANAGEMENT

December 19, 2019

Eyer, Courtney R.
Meyer, Christopher Schuyler

INTEGRATIVE STEM EDUCATION

December 19, 2019

Carter, Sarah Fae

August 17, 2019

Peacock, April G.

LEARNING SCIENCE

July 8, 2019

Zhu, Xiao

MATERIAL CULTURE AND PUBLIC HUMANITIES

December 19, 2019

Blafas-Chriss, Megan Christina
Croker, Trevor D.

NATURAL RESOURCES

August 17, 2019

Bray, Corey Stephen
Mills, Joshua Carl
Newman, Samuel Phillip
Patton, Daniel Crist
Van Lanen, Siobhan Kate

NAVAL ENGINEERING

December 19, 2019

Parsons, Mark Allen

NUCLEAR ENGINEERING

December 19, 2019

Wang, Dewei

PUBLIC AND NONPROFIT FINANCIAL MANAGEMENT

August 17, 2019

Grosse, Dylan Bernard

PUBLIC HISTORY

December 19, 2019

Felton, Jeffrey Alan

SECURITY STUDIES

December 19, 2019

Haan, Nicholas Daniel

July 8, 2019

MacKoul, Matthew John
Zaarour, Khodr M.

SOFTWARE DEVELOPMENT

December 19, 2019

Ahmad, Mahpara
Camerer, Matthew Jerome
Herbert, Ranjit Paul

August 17, 2019

Bian, Chengzhen
Breeden, Brian Curtis
Decker, Matthew Edward

URBAN COMPUTING

December 19, 2019

Slifko, Matthew Daniel