

FALL 2021



THE GRADUATE SCHOOL
Dean Aimée M. Surprenant

DOCTOR OF PHILOSOPHY

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

AGRICULTURAL AND EXTENSION EDUCATION

December 16, 2021

Kelinsky-Jones, Lia R.
Self-Reliance and Land-Grant Universities:
An Exploration of the Impacts of USAID
Policy on Agroecological Possibilities
Committee Chair: Prof. K. L. Niewolny

Lawrence, Courtney McIvor
Analyzing the Imposter Phenomenon
Through Recruitment and Retention of
Underrepresented Minorities in Agriculture
and Natural Resource Related Fields: The
Keys to Diversity and Inclusion
Committee Chair: Prof. D. M. Westfall-Rudd

August 13, 2021

Greaud, Michelle L.
A Case Study of an Agricultural Teacher's
Planned Behavior When Working With
Students With Special Needs
Committee Chair: Prof. D. M. Westfall-Rudd

Kane, Ousmane
Development of Agriculture Value Chains
as an Asset for the Sustainable Development
and Food Security: The Case of the
Improvement of Agricultural Technical and
Vocational Education in Senegal
Committee Chair: Prof. D. M. Westfall-Rudd

ANIMAL AND POULTRY SCIENCES

December 16, 2021

Jia, Meiting
Effect of Probiotics or High Incubation
Temperature on Gene Expression and Cell
Organization of the Small Intestine and Yolk
Sac of Chicks
Committee Chair: Prof. E. A. Wong

Murray, Adam Riley
Growing and Finishing Beef Cattle on
Pasture
Committee Chair: Prof. T. B. Wilson

Sarsour, Albaraa Hisham
Effects of Amino Acid Supplementation on
Poultry Performance and Strategies to
Ameliorate the Effect of Heat Stress
Committee Chair: Prof. M. E. Persia

BIOCHEMISTRY

August 13, 2021

Compton, Austin Reed
Expanding Genetic and Genomic Resources
for Sex Separation and Mosquito Control
Strategies
Committee Chair: Prof. Z. Tu

CROP AND SOIL ENVIRONMENTAL SCIENCES

December 16, 2021

Singer, William Monte
Integrating Genomic and Phenomic
Breeding Selection Tools with Field
Practices to Improve Seed Composition
Quality Traits in Soybean
Committee Chair: Prof. B. Zhang

ENTOMOLOGY

December 16, 2021

Foley IV, Jeremiah Robert
Laboratory Rearing, Establishment,
Subterranean Survivorship, and Thermal
Requirements of *Laricobius* spp.
(Coleoptera: Derodontidae), Biological
Control Agents Released for *Adelges tsugae*
(Hemiptera: Adelgidae)
Committee Chair: Prof. S. M. Salom

FOOD SCIENCE AND TECHNOLOGY

August 13, 2021

Duong, Minh Dao
Assessment of Farmers Market Practices
and Characteristics to Inform the
Development of Tailored Educational
Materials
Committee Chair: Prof. R. R. Boyer

He, Yanhong
Integrated Processing of Brewer's Spent
Grain Into Value-added Protein Feedstuff
and Cellulose Adsorbent
Committee Chair: Prof. H. Huang

Ndiaye, Oumoule
Nutritional Value of Spent Hibiscus Calyces
and Assessment of Consumers' Knowledge
and Perception of Hibiscus Products for the
Promotion of Their Consumption
Committee Chair: Prof. S. F. O'Keefe

HORTICULTURE

December 16, 2021

Sapkota, Sangeeta
Unraveling Molecular Mechanisms
Underlying Dormancy and Bloom Time in
Apple (*Malus domestica* Borkh)
Committee Chair: Prof. S.M. Sherif

Wang, Kunru
Characterization of Novel Type VI Effectors
of *Acidovorax citrulli* and Their
Applicability to Biological Control of Plant
Diseases
Committee Chair: Prof. B. Zhao

HUMAN NUTRITION, FOODS AND EXERCISE

August 13, 2021

Chen, Susan
Examining Contributors and Solutions to
Prevent and Manage Food Waste in
Households with Low Incomes and the
Emergency Food System Within the U.S.
Committee Chair: Prof. E. L. Serrano

PLANT PATHOLOGY, PHYSIOLOGY AND WEED SCIENCE

December 16, 2021

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

Sathanantham, Preethi
Characterization of an Amphipathic Alpha-Helix in the Membrane Targeting and Viral Genome Replication of Brome Mosaic Virus
Committee Chair: Prof. X. Wang

Wang, Wei
Plant Sulfur Metabolism and Plant-Oomycete Interactions
Committee Chair: Prof. J. M. McDowell

Yang, Shu
Genomic, Transcriptomic, and Metagenomic Approaches for Detecting Fungal Plant Pathogens and Investigating the Molecular Basis of Fungal Ice Nucleation Activity
Committee Chair: Prof. B. A. Vinatzer

August 13, 2021

Bernal Galeano, Vivian Angelica
Development of Novel Approaches to Study *Cuscuta campestris* Biology
Committee Chair: Prof. J. H. Westwood

Shelley, Brett A.
Characterizing the Role in Amino Acid Sensing and Signaling of Amino Acid Permease I in *Arabidopsis*
Committee Chair: Prof. G. Pilot

COLLEGE OF ARCHITECTURE AND URBAN STUDIES

ARCHITECTURE AND DESIGN RESEARCH

December 16, 2021

Jo, SooJeong
A Framework for the Utilization of CFD in the Early Stages of Architectural Design
Committee Chair: Prof. J.R. Jones

Kalua, Amos
Framework for Integrated Multi-Scale CFD Simulations in Architectural Design
Committee Chair: Prof. J.R. Jones

Lee, Hana
A Collective Sense of Place and the Image of the City @ Urban Public Spaces: Analysis on People's Perception of User-Generated Image Content and Hashtags on Instagram
Committee Chair: Prof. M. Kim

August 13, 2021

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

ENVIRONMENTAL DESIGN AND PLANNING

December 16, 2021

Gould, Zachary M.
A Mycorrhizal Model for Transactive Solar Microgrid Markets
Committee Chair: Prof. G. Reichard

PLANNING, GOVERNANCE, AND GLOBALIZATION

December 16, 2021

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

August 13, 2021

Gebresselassie, Mahtot Teka
Wheelchair Accessibility in Transportation
Service Hailed Through the Uber and Lyft
Apps

Committee Chair: Prof. T. W. Sanchez

Wang, Kaidi
Policy Implications for the Era of
Automated Vehicles from Three
Perspectives: Urban Form, Mode Choice,
and Equitable Transportation Environment

Committee Chair: Prof. R. Buehler

Woodard, Davon Teremus Trevino
Frames of Digital Blackness in the
Racialized Palimpsest City: Chicago, Illinois
and Johannesburg, South Africa

Committee Chair: Prof. T. W. Sanchez and Prof. K.
F. Wernstedt

PUBLIC ADMINISTRATION/ PUBLIC AFFAIRS

December 16, 2021

Hollandsworth, Edgar Marion
Institutionalizing Performance Management:
Lessons for Government Leaders from the
Government Performance and Results Act
Modernization Act of 2010

Committee Chair: Prof. M. M. Dull

August 13, 2021

Briceno Mosquera, Andrea
Impact of Administrative Burdens on
Undocumented Youth Access to Higher
Education and Benefits from In-State
Resident Tuition

Committee Chair: Prof. K. M. Hult

PAMPLIN COLLEGE OF BUSINESS

BUSINESS, EXECUTIVE BUSINESS RESEARCH

December 16, 2021

Essig, Richard Alexander
An Investigation Into How Sources of
Information Influence Consumers'
Perceptions and Decision Making

Committee Chair: Prof. M. Pandelaere

Hood, Stephen
Subjective Assessments of Self and
Competitor Expertise: Influences on Bidding
and Post- Auction Product Valuation

Committee Chair: Prof. D. Chakravarti

Ravella, Haribabu
Designing Smart Agents to Support
Physician-Patient Interactions: The Effect of
Varying Communication Styles

Committee Chair: Prof. D. Chakravarti

August 13, 2021

Juma, Stephen O.
Two Essays on Hope and Consumer
Behavior

Committee Chair: Prof. M. Pandelaere

Tuskey, Sarah Elizabeth
Identity at Work: Balancing Demographic-
Related Identity in the Workplace and the
Impact on Extra-Role Behaviors and
Turnover Intentions

Committee Chair: Prof. W. J. Becker

BUSINESS, HOSPITALITY AND TOURISM MANAGEMENT

August 13, 2021

Sharma, Abhinav Dhruv
Three Essays in Hospitality and Tourism
Communication
Committee Chair: Prof. J. L. Nicolau Gonzalbez

COLLEGE OF ENGINEERING

AEROSPACE ENGINEERING

December 16, 2021

Chauhan, Monika
Stability, LES, and Resolvent Analysis of
Thermally Non-uniform Supersonic Jet
Noise
Committee Chair: Prof. L. Massa

Defreitas, Aaron Chad
Anomaly Detection in Aeroacoustic Wind
Tunnel Experiments
Committee Chair: Prof. W. N. Alexander

Denham, Casey Leigh-Anne
Framework for Estimating Flight
Performance and Associated Uncertainty for
Modified Aircraft Configurations
Committee Chair: Prof. M. J. Patil and Prof. C. J.
Roy

Krishnan, Manu
Data-driven Modeling and Analysis of
Tracked Order Vibration in Turbo-fan
Engine Under Different Operating
Conditions
Committee Chair: Prof. P. A. Tarazaga and Prof. S.
Gugercin

Nemati Kourabbasloo, Navid
Data Analysis of an Unsteady Cavitating
Flow on a Venturi-type Profile
Committee Chair: Prof. O. Coutier-Delgossa

Palwankar, Manasi Prafulla
Automation and Intelligent Support System
for Finite Element Shell-Solid Mixed
Modeling and Analyses of Stiffened Tank
Pressure Vessels
Committee Chair: Prof. R. K. Kapania

Si, Nan
A Hybrid Framework of CFD Numerical
Methods and its Application to the
Simulation of Underwater Explosions
Committee Chair: Prof. A. J. Brown

August 13, 2021

Alexandre, David
The Influence of Obliquely Propagating
Monsoon Gravity Waves on the Polar
Summer Mesosphere
Committee Chair: Prof. S. L. England

Javaherian Hamedani, Mohammad Javad
An Experimental Study of the Fluid-
Structure Interactions of Water Entry of
Compliant Structures
Committee Chair: Prof. C. M. Gilbert

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

Wall, Dylan Joseph
Anisotropic Turbulence Models for Wakes
in an Active Ocean Environment
Committee Chair: Prof. E. G. Paterson

BIOMEDICAL ENGINEERING

December 16, 2021

Haus, Samantha Helen
Effectiveness of Automatic Emergency
Braking for Protection of Pedestrians and
Bicyclists in the U.S.
Committee Chair: Prof. S. H. Haus and Prof. M. A.
Perez

CHEMICAL ENGINEERING

December 16, 2021

Agarwal, Aman
Machine Learning and Multivariate
Statistics for Optimizing Bioprocessing and
Polyolefin Manufacturing
Committee Chair: Prof. Y. Liu

Chin, Ai Lin
Development of Implantable Optical Fibers
for Immunotherapeutics Delivery and
Tumor Impedance Measurement
Committee Chair: Prof. R. Tong

Pritchard, Cailean Quinn
Interactions of Cellulose Nanocrystals in
Colloidal and Composite Systems
Committee Chair: Prof. M. J. Bortner

Sharma, Niket
Integrated Process Modeling and Data
Analytics for Optimizing Polyolefin
Manufacturing
Committee Chair: Prof. Y. Liu

CIVIL ENGINEERING

December 16, 2021

Abdelhalim, Awad Tarig
A Real-Time Computer Vision Based
Framework For Urban Traffic Safety
Assessment and Driver Behavior Modeling
Using Virtual Traffic Lanes
Committee Chair: Prof. M. M. Abbas

Bianchi, Eric Loran
Modern Inspection Methods for Detection,
Quantification, and Prediction of Structural
Damage
Committee Chair: Prof. M. H. Hebdon

Freire Burgos, Edwin Ruben
Global Demand Model to Estimate
Supersonic Commercial Services
Committee Chair: Prof. A. A. Trani

Hu, Mo
Preference Construction and Decision-
Making for Green Infrastructure: How Do
Behavioral Interventions Influence Choice
and Neurocognition?
Committee Chair: Prof. E. W. Shealy III

Purchase, Jeannie Marie
Investigating the Efficacy of NSF/ANSI 53
Lead Certified Point-Of-Use Filters When
Exposed to Extreme Corrosion Conditions
Committee Chair: Prof. M. A. Edwards

Rimjha, Mihir
Urban Air Mobility: Demand Estimation
and Feasibility Analysis
Committee Chair: Prof. A. A. Trani and Prof. S.
Hotle

Sepasdar, Reza
Micromechanical Behavior of Fiber-
Reinforced Composites using Finite Element
Simulation and Deep Learning
Committee Chair: Prof. M. Shakiba

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

Song, Yang
Limitations and Implications of Applying
Copper to Control Legionella in Hot Water
Systems: Impact of pH, Corrosion Control,
Natural Organic Matter, Water Heater
Anode Materials, Growth Phase, Strain
Difference, Viable but Non-culturable State
and Backgro
Committee Chair: Prof. M. A. Edwards

Todoroff, Emma Coleman
An Aggregate Measure of Bicycle
Commuting and its Relationship with Heart
Disease Prevalence in the United States
Committee Chair: Prof. E. W. Shealy III and Prof.
F. E. Paige

Wei, Gengrui
Computational and Experimental Study on
the Behavior of Diaphragms in Steel
Buildings
Committee Chair: Prof. M. R. Eatherton

August 13, 2021

Ahmed, Manik
Assessing the Performance of Public-Private
Partnership Highway Projects: From
Anecdotes to Comprehensive Evidence
Committee Chair: Prof. M. J. Garvin

Alazmi, Asmaa Salem
Using Mobile Monitoring and Vehicle
Emissions to Develop and Validate Machine
Learning Empirical Models of Particulate
Air Pollution
Committee Chair: Prof. H. A. Rakha and Prof. S. C.
Hankey, Jr.

Amarh, Eugene Annan
Quantifying the Service Life & Potential
Environmental Benefits of Recycled Asphalt
Pavements
Committee Chair: Prof. G. W. Flintsch

Bahrampouri, Mahdi
Quantification of Uncertainties for
Conducting Partially Non-ergodic
Probabilistic Seismic Hazard Analysis
Committee Chair: Prof. A. Rodriguez-Marek

Keenum, Ishi Medora
Assessing Vulnerabilities to the Spread of
Pathogens and Antibiotic Resistance in
Agricultural and Water Systems Using
Culture-, Molecular -, and Metagenomic-
based Techniques
Committee Chair: Prof. A. J. Pruden-Bagchi

Khurana, Mayank
Investigation of Contractual Specification
and Implementation of Relational
Approaches in Public Private Partnership
(PPP) Projects
Committee Chair: Prof. M. J. Garvin

Ojo, Taye Oluwafemi
Performance of Steel Fiber Reinforced and
Conventionally Reinforced Post-Tensioned
Flat Plates
Committee Chair: Prof. C. L. Roberts-Wollmann

Quick, Tyler James
Evaluating Liquefaction Triggering
Potential from Induced Seismicity in
Oklahoma, Texas, and Kansas
Committee Chair: Prof. J. K. Mitchell and Prof. R.
A. Green

Sherry, Samuel Thomas
Carbon Fiber Reinforced Polymer Retrofits
to Increase the Flexural Capacity of
Deteriorated Steel Members
Committee Chair: Prof. M. H. Hebdon

Velez Rodriguez, Kenneth Xavier
Systemic Network Level Approaches for
Identifying Locations with High Potential
for Wet and Hydroplaning Crashes
Committee Chair: Prof. G. W. Flintsch

Yao, Wenchuo
Assessing Human Exposure to Emissions
from Ultrasonic Humidifiers
Committee Chair: Prof. A. M. Dietrich

Zaker Esteghamati, Mohsen
A Data-driven Framework to Support
Resilient and Sustainable Early Design
Committee Chair: Prof. A. Rodriguez-Marek and
Prof. M. M. Flint

Zambrano Cruzatty, Luis Eduardo
Advancements for the Numerical Simulation
of Free Fall Penetrometers and the Analysis
of Wind Erosion of Sands
Committee Chair: Prof. A. Yerro Colom

COMPUTER ENGINEERING

December 16, 2021

Santhana Krishnan, Archanaa
Top-down Approach To Securing
Intermittent Embedded Systems
Committee Chair: Prof. D. S. Ha and Prof. P. R.
Schaumont

Tolley, Joseph Daniel
Trust, Security and Optimization of Wireless
Cognitive Radio Networks and Spectrum
Access Systems
Committee Chair: Prof. C. B. Dietrich, Jr. and Prof.
C. D. Patterson

Zhang, LiuJun
Acoustic Landmark Recognition in Natural
Forest Environments Inspired by Bat
Biosonar
Committee Chair: Prof. R. Mueller

August 13, 2021

Lin, YouSi
Spectrum Management Issues in Centralized
and Decentralized Dynamic Spectrum
Access
Committee Chair: Prof. Y. Yang

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

Yao, Yuan
Towards Comprehensive Side-channel
Resistant Embedded Systems
Committee Chair: Prof. P. R. Schaumont

COMPUTER SCIENCE AND APPLICATIONS

December 16, 2021

Ahmed, Md Salman
Quantitative Metrics and Measurement
Methodologies for System Security
Assurance
Committee Chair: Prof. D. Yao

Lu, You
Modeling Structured Data with Invertible
Deep Generative Models
Committee Chair: Prof. N. Ramakrishnan and Prof.
B. Huang

Tabassum, Anika
Explainable and Network-based Decision
Support Framework for Emergency
Management
Committee Chair: Prof. B. A. Prakash

August 13, 2021

Dasgupta, Archi
Rethinking Smart Home Design: Integrating
Architectural Perspectives and
Technologically-driven Design Thinking
Within a Framework

Committee Chair: Prof. D. Gracanin

Doan, Khoa Dang
Generative Models Meet Similarity Search:
Efficient, Heuristic-free and Robust
Retrieval

Committee Chair: Prof. C. K. Reddy

Gautam, Aakash
Designing Socio-Technical Systems to
Illuminate Possibilities for a Vulnerable
Population

Committee Chair: Prof. D. G. Tatar

Mohammed, Mostafa Kamel Osman
Teaching Formal Languages Through
Visualizations, Machine Simulations, Auto-
Graded Exercises, and Programmed
Instruction

Committee Chair: Prof. C. A. Shaffer

Roberts, Steven Byram
Multimethods for the Efficient Solution of
Multiscale Differential Equations

Committee Chair: Prof. A. Sandu

Sarshar, Arash
Time Stepping Methods for Multiphysics
Problems

Committee Chair: Prof. A. Sandu

Shi, Tian
Novel Algorithms for Understanding Online
Reviews

Committee Chair: Prof. C. K. Reddy

Wang, Ping
Automatic Question Answering and
Knowledge Discovery on Electronic Health
Records

Committee Chair: Prof. C. K. Reddy

ELECTRICAL ENGINEERING

December 16, 2021

Dayal, Avik
Practical Algorithms and Analysis for Next-
Generation Decentralized Vehicular
Networks

Committee Chair: Prof. J. H. Reed

Fishbone, Justin Adam
Highly Robust and Efficient Estimators of
Multivariate Location and Covariance with
Applications to Array Processing and
Financial Portfolio Optimization

Committee Chair: Prof. L. M. Mili

Foruhandeh, Mahsa
Security Solutions for Cyber-Physical
Systems

Committee Chair: Prof. R. M. Gerdes and Prof. A.
Stavrou

Ghassemi, Parham
Label-Free Microfluidic Devices for Single-
Cell Analysis and Liquid Biopsies

Committee Chair: Prof. M. Agah

Hodge, John Adams
Reconfigurable Intelligent Metasurfaces for
Wireless Communication and Sensing
Applications

Committee Chair: Prof. A. I. Zaghloul

Hosseini Fahraji, Ali
New Way of Generating Electromagnetic
Waves Using Permanent Magnets

Committee Chair: Prof. M. Manteghi

Hu, Jiewen
Integration Challenges In High Power
Density Wide Bandgap Based Circuits for
Transportation Applications

Committee Chair: Prof. R. Burgos

Jimenez, Jorge Gabriel
Advances in the Use of Finite-Set Statistics
for Multitarget Tracking

Committee Chair: Prof. D. J. Stilwell

Kontoudis, Georgios Pantelis
Communication-Aware Approximate
Gaussian Processes for Distributed
Exploration

Committee Chair: Prof. D. J. Stilwell

Mocevic, Slavko
Enhanced Gate-Driver Techniques and SiC-
based Power-cell Design and Assessment
for Medium-Voltage Applications

Committee Chair: Prof. D. Boroyevich and Prof. R.
Burgos

Nowak, Sk Nabil
Real-time MAX-DOAS Product Retrieval:
Validation of Formaldehyde Near Surface
Concentration Measurement and
Methodology Development for Planetary
Boundary Layer Detection

Committee Chair: Prof. E. S. Lind

Qiu, Tong
Investigation of Bragg Gratings Inscribed in
Few-Mode Fibers via Femtosecond Laser
Point-by- Point Technology

Committee Chair: Prof. A. Wang

Shang, Bodong
Unmanned Aerial Vehicles and Edge
Computing in Wireless Networks

Committee Chair: Prof. L. Liu

Taheri Hosseinabadi, Sayedsina
Fast and Scalable Learning and
Optimization in Power Systems

Committee Chair: Prof. V. Kekatos

Valinejad, Jaber
Measuring and Improving Community
Resilience by Considering the
Interdependence of Power Systems,
Emergency Services, and Social
Communities

Committee Chair: Prof. L. M. Mili

Wang, Le
Power Converters For Piezoelectric and
Electrocaloric Material

Committee Chair: Prof. R. Burgos

Wen, Hao
High-Efficiency and High-Frequency
Resonant Converter Based Single-Stage
Soft-Switching Isolated Inverter Design and
Optimization with Gallium-Nitride (GaN)

Committee Chair: Prof. J. S. Lai

Yu, Jianghui
High-Frequency Design Consideration and
EMI Mitigation in SiC-Based Multilevel
Converters

Committee Chair: Prof. R. Burgos

August 13, 2021

Alrashidi, Musaed Owehan
A Coordinated Voltage Management
Method Utilizing Battery Energy Storage
Systems and Smart PV Inverters in
Distribution Networks with High PV and
Wind Penetration

Committee Chair: Prof. S. Rahman

Biswas, Shuchismita
Power Grid Partitioning and Monitoring
Methods for Improving Resilience

Committee Chair: Prof. V. A. Centeno

Chang, Hao-Hsuan
Deep Reinforcement Learning for Next
Generation Wireless Networks with Echo
State Networks

Committee Chair: Prof. L. Liu

Chen, Yongce
Modeling, Analysis, and Real-Time Design
for Many-Antenna MIMO Networks

Committee Chair: Prof. Y. T. Hou

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

Devineni, Jaya Kartheek
Ambient Backscatter Communication
Systems: Design, Signal Detection and Bit
Error Rate Analysis
Committee Chair: Prof. H. Dhillon

Haque, Ashraful
A Deep Learning-based Dynamic Demand
Response Framework
Committee Chair: Prof. S. Rahman

Hu, Ye
Game Theory and Meta Learning for
Optimization of Integrated Satellite-Drone-
Terrestrial-Communication Systems
Committee Chair: Prof. W. Saad

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

Parida, Priyabrata
Stochastic Geometry Perspective of Massive
MIMO Systems
Committee Chair: Prof. H. Dhillon

Shahanaghi, Alireza
Link Stability Analysis of Wireless Sensor
Networks Over the Ocean Surface
Committee Chair: Prof. Y. Yang

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

Wehbe, Remy
Probabilistic Topologies with Applications
in Security and Resilience of Multi-Robot
Systems
Committee Chair: Prof. R. K. Williams

Zeng, Tengchan
Joint Communication, Control, and Learning
for Connected and Autonomous Vehicles
Committee Chair: Prof. W. Saad

Zhou, Zhou
Machine Learning-Based Receiver in
Multiple Input Multiple Output
Communications Systems
Committee Chair: Prof. L. Liu

ENGINEERING EDUCATION

August 13, 2021

Gewirtz, Christopher Aaron
Twelve Tales of Engineering in the Real
World: Narratives of Newcomers Agency in
Transitions to Engineering Work
Committee Chair: Prof. M. C. Paretti

ENGINEERING MECHANICS

December 16, 2021

Guduri, Balachandar
Adaptive Process Control for Achieving
Consistent Mean Particles' States in
Atmospheric Plasma Spray Process
Committee Chair: Prof. R. C. Batra

Shams Kondori, Mehran
Development of Comprehensive
Experimental, Analytical and, Numerical
Methods for Predicting Rubber Friction and
Wear under Thermomechanical Conditions
Committee Chair: Prof. S. Taheri

August 13, 2021

Mukherjee, Ranit
Exploiting Interfacial Phenomena to Expel
Matter from its Substrate

Committee Chair: Prof. J. B. Boreyko

Xiong, Yeyue
Developing Fast and Accurate Water
Models for Atomistic Molecular Dynamics
Simulations

Committee Chair: Prof. A. Onufriev

INDUSTRIAL AND SYSTEMS ENGINEERING

December 16, 2021

Kucukdeger, Ezgi
Tool Path Planning for Non-planar Additive
Manufacturing and Sensor-based Inspection
on Freeform Surfaces

Committee Chair: Prof. B. Johnson

Madinei, Seyed Saman
Biomechanical Analysis and Modeling of
Back-support Exoskeletons for Use in
Manual Material Handling Tasks

Committee Chair: Prof. M. A. Nussbaum

Xu, Peng
Design of Joint Verification-Correction
Strategies for Engineered Systems

Committee Chair: Prof. A. Salado Diez

Zhang, Yingqiu
Two-Stage Stochastic Mixed Integer
Nonlinear Programming: Theory,
Algorithms, and Applications

Committee Chair: Prof. M. Bansal

August 13, 2021

Chen, Xiaoyu
Multiscale Quantitative Analytics of Human
Visual Searching Tasks

Committee Chair: Prof. R. Jin

Park, Jangho
Assessing the Effects of Exoskeleton Use on
Balance and Postural Stability

Committee Chair: Prof. D. Srinivasan

Wang, Lening
Process and Quality Modeling in Cyber
Additive Manufacturing Networks with Data
Analytics

Committee Chair: Prof. R. Jin

MATERIALS SCIENCE AND ENGINEERING

December 16, 2021

Chen, Jia
Corrosion and Tribocorrosion Kinetics of
Al-based Concentrated Alloys in Aqueous
Sodium Chloride Solution

Committee Chair: Prof. W. Cai

August 13, 2021

Chen, Weiming
Modeling of Thermal Transport Properties
in Metallic and Oxide Fuels

Committee Chair: Prof. X. Bai

Griffiths, Robert Joseph
Dynamic and Post-Dynamic Microstructure
Evolution in Additive Friction Stir
Deposition

Committee Chair: Prof. H. Yu

Perry, Mackenzie Elizabeth Jones
Material Flow and Microstructure Evolution
During Additive Friction Stir Deposition of
Aluminum Alloys

Committee Chair: Prof. H. Yu

MECHANICAL ENGINEERING

December 16, 2021

Chaudhry, Haseeb

Fixed-wing Classification Through Visually Perceived Motion Extraction with Time Frequency Analysis

Committee Chair: Prof. K. B. Kochersberger

Feng, Shumin

A Modular Robotic System with Self-Reconfiguration Strategies

Committee Chair: Prof. P. Ben-Tzvi

Kim, Hubert

Joint Torque Feedback for Motion Training with an Elbow Exoskeleton

Committee Chair: Prof. A. T. Asbeck

Kotha, Bhavi Bharat

Autonomous Vehicle Waypoint Navigation Using Hyper-Clothoids

Committee Chair: Prof. A. L. Wicks and Prof. S. C. Southward

Mao, Shuo

The Effects of Upstream Boundary Layers on the NGV Endwall Cooling

Committee Chair: Prof. W. Ng

Mousavi, Seyed Mohammad Ali

Studies on Corrosion, Fouling and Durability of Advanced Functional Nonwetting Surfaces

Committee Chair: Prof. R. Pitchumani

Rahman, Aevelina

Kinematics, Inertia and Aerodynamics of Turning-Ascending Bat Flight; Focus on Generic and Specific Features

Committee Chair: Prof. D. K. Tafti

Simon, Athulya Anna

Biomechanical Assessment of Varied Lifting Tasks With and Without Passive Back Support Exoskeletons

Committee Chair: Prof. A. T. Asbeck

Stewart, Colin James

Numerical Investigations of Jellyfish Propulsion

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

Yang, Tairan

Electrochemical Flow System for Li-Ion Battery Recycling and Energy Storage

Committee Chair: Prof. Z. Li

August 13, 2021

Graybill, Philip Melvin

Investigation of Single-Cell and Blood-Brain Barrier Mechanics After Electroporation and in Primary Brain Cancers

Committee Chair: Prof. R. V. Davalos and Prof. M. A. Stremmler

Jana, Aniket

Cytoskeletal Remodeling in Fibrous Environments to Study Pathophysiology

Committee Chair: Prof. A. Nain

Leaman, Eric Joshua

Rational Engineering of Bacteria and Biohybrids for Enhanced Transport and Colonization in the Tumor

Microenvironment

Committee Chair: Prof. B. Behkam

Padhi, Abinash

Single Cell Force Platforms to Link Force-ECM Coupling in Pathophysiology

Committee Chair: Prof. A. Nain

MINING ENGINEERING

December 16, 2021

Barros Daza, Manuel Julian

Advanced Computing and Sensing to Improve Mine Fire Characterization and Response

Committee Chair: Prof. K. D. Luxbacher

August 13, 2021

Li, Zihao
Experimental, Theoretical, and Numerical
Investigations of Geomechanics/Flow
Coupling in Energy Georeservoirs
Committee Chair: Prof. C. Chen

NUCLEAR ENGINEERING

December 16, 2021

Nellis, Christopher Evan
Modeling Radiation Damage in
Nanostructured Ferritic Alloys: Helium
Bubble Precipitation on Oxide Nanofeatures
Committee Chair: Prof. C. Hin

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

CURRICULUM AND INSTRUCTION

December 16, 2021

Mcgowin, Brooke Lynn Marton
Development of an Instructional Design
Framework to Guide the Design of Multi-
Modal Learning Environments
Committee Chair: Prof. B. B. Locke

Walker, Matthew Daniel
Technology Gatekeeping: Influences on
Three High School Social Studies Teachers'
Implementations of Digital Technology
Committee Chair: Prof. D. Hicks

Xu, Cong Ze
A Mixed Methods Study of Chinese
Students' Construction of Fraction Schemes:
Extending the Written Test with Follow-Up
Clinical Interviews
Committee Chair: Prof. J. L. Wilkins

August 13, 2021

Arnold, Brandy
Teaching in the Real World:
Autoethnography Meets Meta-
Autoethnography from a Practicing
Teacher's Perspective
Committee Chair: Prof. G. A. Tilley-Lubbs

Li, Mingyu
Assessing Visual Literacy: A Review and
An Attempt
Committee Chair: Prof. K. R. Potter

Liu, Yuning
Foreign Language Teachers' Beliefs and
Practices in Language Education: What to
Teach and How to Teach
Committee Chair: Prof. G. A. Tilley-Lubbs

Shumate, Michael David
Effectiveness of the Provisional Teaching
License Route in Virginia for Preparing
Business and Information Technology and
Marketing Education Teachers
Committee Chair: Prof. W. T. Price, Jr.

Wright, Heather Lynn
Supporting Rural Adolescent Voices in the
Secondary English Language Arts
Classroom
Committee Chair: Prof. T. T. Stewart

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

December 16, 2021

Baskerville, Jeri Camille
Factors that Predict Black Student
Participation in AP/IB Calculus by the
Twelfth Grade
Committee Chair: Prof. C. S. Cash

EDUCATIONAL RESEARCH AND EVALUATION

December 16, 2021

Norris, Mary Armistead
Rethinking the Force Concept Inventory:
Developing a Cognitive Diagnostic
Assessment to Measure Misconceptions in
Newton's Laws
Committee Chair: Prof. G. E. Skaggs

HUMAN DEVELOPMENT

December 16, 2021

Resor, Jessica M.
Family Processes in Family Group Chats
Committee Chair: Prof. E. L. Grafsky

Shankar, Manasi
"She is a Formidable Woman, a Powerhouse
of Sorts": A Transcendental Phenomenology
Examining the Experience of Growing Up
with Parental Disability
Committee Chair: Prof. P. B. Teaster

RHETORIC AND WRITING

December 16, 2021

Franklin, Cheyenne R.
First-Year Writing Teachers' Emotions and
Grammar Instruction: A Mixed Methods
Study
Committee Chair: Prof. J. Sano-Franchini

August 13, 2021

Randall, Katherine Marie
'Should I Have Done More?': Proxy Agency,
Gathered Ethos, and Volunteer
Responsibility in the Rhetoric of Health
Resettlement for Refugees
Committee Chair: Prof. K. M. Powell

SCIENCE AND TECHNOLOGY STUDIES

December 16, 2021

Earle, Joshua Giles
Morphological Freedom and the
Construction of Bodymind Malleability
from Eugenics to Transhumanism
Committee Chair: Prof. S. E. Halfon and Prof. A. S.
Heflin

Reams, Gary
Processes and Mechanisms for Broadening
Adoption of Rainwater Harvesting (RWH):
An Examination of the Emergence of the
RWH Niche and the Transition Occurring
Outside of the Traditional Water Supply
Regime
Committee Chair: Prof. B. L. Allen

August 13, 2021

Tsai, Hung-Yin
Cultural Encounters in Medicine:
(Re)Constituting Traditional Medicine in
Taiwan Under Colonization, Modernity, and
Exchange
Committee Chair: Prof. S. E. Halfon

SOCIAL, POLITICAL, ETHICAL, AND CULTURAL THOUGHT

December 16, 2021

Respass, Shaun Douglas
The Ethics of (Dis)connection:
Understanding 'Care' Through Phenomena
of Despair
Committee Chair: Prof. M. Moehler

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

SOCIOLOGY

December 16, 2021

Herling, Jessica Lauren
Enactment of LGBTQ Health in Medical Curriculum

Committee Chair: Prof. S. Ovink and Prof. C. Labuski and Prof. R. Hester

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

Committee Chair: Prof. D. L. Brunsma

COLLEGE OF NATURAL RESOURCES & ENVIRONMENT

FISHERIES AND WILDLIFE

December 16, 2021

De Moraes Carvalho, Felipe
Effects of Fishing on Coral Reef Fish Assemblages in Northeastern Brazil

Committee Chair: Prof. L. Castello

Hyde, John Murray
Evaluation of the Certus, Inc. and Lone Mountain Processing, Inc. Natural Resource Damage Assessment and Restoration Cases to Restore Mussels in the Clinch and Powell Rivers in Virginia and Tennessee

Committee Chair: Prof. J. W. Jones

August 13, 2021

Grooms, Bennett Paul
Exploring Wildlife Recreationists' Conservation Behaviors and Perceptions of State Fish and Wildlife Agencies to Inform Conservation Engagement and Support

Committee Chair: Prof. A. A. Dayer

FORESTRY AND FOREST PRODUCTS

December 16, 2021

Datsko, Jill Marie
Methods for the Spatial Modeling and Evaluation of Tree Canopy Cover
Committee Chair: Prof. R. H. Wynne and Prof. V. A. 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

Lee, Soohyung
Development of Light Weight Plastic Pallet Using Carbon Materials and Evaluation for Natural Fiber
Committee Chair: Prof. Y. T. Kim

COLLEGE OF SCIENCE

BIOLOGICAL SCIENCES

December 16, 2021

Pradhan, Kisha
Dose-dependent Effects of Endotoxin on Monocyte and the Underlying Mechanisms
Committee Chair: Prof. L. Li

Ryan, Kylie Meghan
Structural Studies of the Bacterial Histidine Kinases RetS and GacS, Key Components of the Multikinase Network that Controls the Switch Between a Motile Invasive Lifestyle and a Sessile Biofilm Lifestyle in *Pseudomonas aeruginosa*
Committee Chair: Prof. F. D. Schubot

August 13, 2021

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

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

Lofton, Mary E.
Predicting Phytoplankton Community
Dynamics: Understanding Water Quality
Responses to Global Change
Committee Chair: Prof. C. C. Carey

CHEMISTRY

December 16, 2021

Abraham, Vibin
Modern Electronic Structure Theory Using
Tensor Product States
Committee Chair: Prof. N. Mayhall

Brown, Chanelle
Synthesis and Polymerization of Substituted
Stilbenes with Maleic Anhydride for
Membrane Solubilization and Protein
Extraction
Committee Chair: Prof. R. D. Gandour

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

Novo, Diana Cecilia
Design and Synthesis of Complex and
Fluorescent Labeled Cellulose-Based
Derivatives for Oral and Hydrogel Drug
Delivery Systems
Committee Chair: Prof. K. J. Edgar

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

Santiago-Rivera, Jose Antonio
Structure-Activity Relationship Studies of
Imidazo[4,5-b]pyrazin-5,6-diamines as
Mitochondrial Uncouplers and Their
Potential in the Treatment of Obesity
Committee Chair: Prof. W. Santos

Waters, Crystal Kenee
Understanding the Chemistries of Ni-rich
Layered Oxide Materials for Applications in
Lithium Batteries and Catalysis
Committee Chair: Prof. F. Lin

Yu, Guoqiang
Interactions of Chitin and Lignin Thin Films
with Other Molecules
Committee Chair: Prof. A. R. Esker

Zanelotti, Curt Joseph
Development, Characterization, and
Fundamental Studies on Molecular Ionic
Composites and PBDT Hydrogels
Committee Chair: Prof. L. A. Madsen

August 13, 2021

Clement, Marjory Carolena
In Pursuit of Local Correlation for Reduced-
Scaling Electronic Structure Methods in
Molecules and Periodic Solids
Committee Chair: Prof. E. F. Valeev

Dcunha, Ruhee Lancelot
Towards an Improved Method for the
Prediction of Linear Response Properties of
Small Organic Molecules

Committee Chair: Prof. D. Crawford

Dillon, Kearsley Matthew
Small Molecule and Macromolecular
Donors of Reactive Sulfur Species: Insights
into Reactivity and Therapeutic Potential

Committee Chair: Prof. J. Matson

Wolfgang, Josh David
Novel Monomer Design for Next-
Generation Step-Growth Polymers

Committee Chair: Prof. T. E. Long

ECONOMICS, SCIENCE

December 16, 2021

Moon, Hyeran
Mechanism Designing in the
Microeconomic Studies

Committee Chair: Prof. H. H. Haller and Prof. E. A.
Bahel

August 13, 2021

Alsharawy, Abdelaziz Mohammed
The Context-Dependence of the Process of
Risky Choice

Committee Chair: Prof. S. B. Ball and Prof. A. C.
Smith

Kim, Sunjin
Essays on Network Formation Games

Committee Chair: Prof. S. Sarangi and Prof. E. A.
Bahel

Upadhyay, Sakshi
Role of Social Preferences and Coalitions in
a Public Goods Game

Committee Chair: Prof. S. Sarangi and Prof. S. B.
Ball

GEOSCIENCES

August 13, 2021

Chilton, Kristin Danielle
Investigating the Effects of Lithology on
Landscape Evolution Processes Across
Scales

Committee Chair: Prof. J. A. Spotila

MATHEMATICS

August 13, 2021

Serbin, Kaitlyn Stephens
Prospective Teachers' Knowledge of
Secondary and Abstract Algebra and Their
Use of This Knowledge While Noticing
Students' Mathematical Thinking

Committee Chair: Prof. E. Johnson

PHYSICS

December 16, 2021

Gupta, Adbhut
Hydrodynamic and Ballistic Transport in
High-mobility GaAs/AlGaAs
Heterostructures

Committee Chair: Prof. J. J. Heremans

Kimmel, Taylor Douglas
Analysis of Neutral D Meson Two-Body
Decays to a Neutral Kaon and a Neutral
Pion

Committee Chair: Prof. L. E. Pilonen

Song, Deheng
Gamma-ray Emission From Galactic Bulge
Millisecond Pulsars

Committee Chair: Prof. S. Horiuchi

Zhang, Fan
Scanning Tunneling Microscopy Study of
Interfaces in Two Dimensional Materials
Committee Chair: Prof. H. Robinson and Prof. C.
Tao

August 13, 2021

Pitchford, Lura Katherine
Star Formation in Unobscured Quasars
Committee Chair: Prof. J. H. Simonetti and Prof. D.
Farrah

Vezaee, Arian
Quantum Spins in Semiconductor
Nanostructures: Hyperfine Interactions and
Optical Control
Committee Chair: Prof. E. F. Barnes and Prof. S. E.
Economou

Wang, Juntao
Spectral and Superpotential Effects in
Heterotic Compactifications
Committee Chair: Prof. J. A. Gray

PSYCHOLOGY

December 16, 2021

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

Burns, Derek Allen
Stability of Psychosocial Work
Characteristic Profiles and Physiological
Outcomes: A Latent Profile Transition
Analysis
Committee Chair: Prof. R. J. Foti

Ghane-Ezabadi, Merage
Behavioral and Neural Substrates of
Decision-Making Under Perceptual and
Reward Uncertainty: The Role of Task
Structure

Committee Chair: Prof. J. A. Richey

Zhu, Danhua
Parental Emotion Socialization in Chinese
and US Families: Roles of Parents' Beliefs
About Emotions and Self-construals

Committee Chair: Prof. M. Bell

August 13, 2021

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

Nie, Weiwen
Examining the Effectiveness of the Identify
and Removal Faking Correction Strategy
that Developed on the Response Pattern
Based Faking Detection Methods in
Selection Settings
Committee Chair: Prof. R. J. Foti

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

Strege, Marlene Vernet
Recovery in Major Depressive Disorder:
Neural and Clinical Perspectives
Committee Chair: Prof. J. A. Richey

STATISTICS

August 13, 2021

Cole, David Austin
Efficient Computer Experiment Designs for
Gaussian Process Surrogates
Committee Chair: Prof. R. B. Gramacy

Wycoff, Nathan Benjamin
Gradient-Based Sensitivity Analysis with
Kernels
Committee Chair: Prof. R. B. Gramacy

THE VIRGINIA-MARYLAND COLLEGE OF VETERINARY MEDICINE BIOMEDICAL & VETERINARY SCIENCES

December 16, 2021

Abdelhamid, Leila Ibrahim Kotp
Mechanistic Insights on the
Immunomodulatory Functions of Diverse
Environmental Factors on Systemic
Autoimmunity
Committee Chair: Prof. X. Luo

Oakes, Vanessa Jacqueline
Theileria orientalis Ikeda Genotype:
Implications for Cattle Health in Virginia
Committee Chair: Prof. K. K. Lahmers

INTERDISCIPLINARY DEGREES

GENETICS, BIOINFORMATICS AND COMPUTATIONAL BIOLOGY

December 16, 2021

Gupta, Suraj
Antibiotic Resistance Characterization in
Human Gut and Environmental Resistomes
Using Metagenomics and Machine Learning
Committee Chair: Prof. P. J. Vikesland and Prof. L.
Zhang

Sharaf, Hazem
Ecology of Root Nodule Bacterial Diversity:
Implications for Soybean Growth
Committee Chair: Prof. M. A. Williams

INDIVIDUAL INTERDISCIPLINARY PHD

December 16, 2021

Jones, Tacie Nicole
Inhabitation
Committee Chair: Prof. R. L. Weaver

Pote, Timothy Ryan
Engineering, Adoption, and Ethics of Lift-
Assist Exoskeletons
Committee Chair: Prof. A. T. Asbeck

Zhang, Lei
Investigating Interactive and Immersive
Storytelling Experiences in Virtual Reality
to Promote Learning of Complex Science
Concepts
Committee Chair: Prof. D. A. Bowman

August 13, 2021

Tsoukalas, Kyriakos
On Affective States in Computational
Cognitive Practice Through Visual &
Musical Modalities

Committee Chair: Prof. I. Bukvic

MACROMOLECULAR SCIENCE AND ENGINEERING

December 16, 2021

Kazerooni, Dana Abraham
Structure-Property Relationships in the
Design of High Performance Membranes for
Water Desalination, Specifically Reverse
Osmosis, Using Sulfonated Poly(Arylene
Ether Sulfone)s

Committee Chair: Prof. J. S. Riffle

Yu, Deyang
Preparation, Characterization, and
Application of Molecular Ionic Composites
for High Performance Batteries

Committee Chair: Prof. L. A. Madsen

Cao, Ke
Sulfonated Poly(ether imide)s with Metal
and Oligomeric Counterions

Committee Chair: Prof. G. Liu

August 13, 2021

Hall, Brady Allen
Synthesis and Characterization of
Monosaccharide-Appended Polymers for
Antibacterial Applications

Committee Chair: Prof. M. Schulz

TRANSLATIONAL BIOLOGY, MEDICINE AND HEALTH

December 16, 2021

Orloff, Mark Andrew
Risky Decision-Making Under Social
Influence

Committee Chair: Prof. P. H. Chiu

Satyal, Medha Kumari
Neurobehavioral and Neurophysiological
Correlates of Health Behaviors

Committee Chair: Prof. J. C. Basso

Strauss, Randy E.
The Cx43 Carboxyl-Terminal Mimetic
Peptide CT1 Protects Endothelial Barrier
Function in a ZO1 Binding-Competent
Manner

Committee Chair: Prof. R. Gourdie

Studtmann, Carleigh
Diverse Mechanisms Impair Thalamic
Circuit Function in a Dravet Syndrome
Mouse Model

Committee Chair: Prof. S. A. Swanger

DOCTOR OF EDUCATION

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES CURRICULUM AND INSTRUCTION

August 13, 2021

Scott, William Paul
Engaging Preservice Teachers in Reader's
Theatre: Promoting Culturally and
Linguistically Responsive Teaching

Committee Chair: Prof. P. E. Doolittle

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

December 16, 2021

Ackins, Charmelle Justine

Equity in Opportunity: Minority Student Enrollment in Advanced, Advanced Placement, and International Baccalaureate English & Mathematics Courses in Virginia Public High Schools

Committee Chair: Prof. C. S. Cash

Alexander, Le-Zondra

The Practices of Speech-Language Pathologists Supporting the Acquisition of Skilled Reading in Public Schools

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

Allard, Jennifer Evans

Hyperacceleration in Secondary Mathematics

Committee Chair: Prof. C. S. Cash and Prof. J. R. Gratto

Belton, David A.

The Correlation Between School Climate and Student Achievement at the Elementary School Level

Committee Chair: Prof. J. L. Brinkmann

Bopp, Nathan Patrick

Factors That Influence Teacher Perceptions of Safety

Committee Chair: Prof. C.S. Cash

Clements, Alecia Dawn

Transformative-based Alternative Education Program: A Study of Teacher and Leadership Perceptions

Committee Chair: Prof. J.L. Brinkmann

Ferguson, David Alan

The Time Management Practices of Principals of Small Secondary Schools in Virginia

Committee Chair: Prof. C.S. Cash

Jones, Courtney Elizabeth

A Study in Leadership Practices that Fostered Elementary School Teachers Wellbeing During a Global Pandemic

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

Males, Scott Charles

The Perceptions of Mentors on the Impact of a School-Based Mentoring Program in a Diverse Public-School Division in Central Virginia

Committee Chair: Prof. J. L. Brinkmann

Phipps, Melanie K.

Assistant Principals' Self-Perceived Preparedness for the Principalship as Defined by the Assistant Principal Development Framework

Committee Chair: Prof. T. S. Price

Settles, Karen Rena

An Investigation Into How Elementary School Administrators Support the Growth Mindset of Classroom Teachers

Committee Chair: Prof. C. S. Cash

Sims, Jeanene Evette

AVID Implementation and Program Fidelity: One District's Case

Committee Chair: Prof. C. S. Cash

Stewart, Angela Lyn

Instructional Coaches' Perceptions of Principal Support in a K-12 Public School Division

Committee Chair: Prof. T. S. Price

Walker, Brandi C.

Factors That Lead to Teachers Accepting, Remaining, and Leaving Employment in a High- Poverty, Low-Performing School Division

Committee Chair: Prof. C. S. Cash

Wilkerson, Magie Lenhart
Principals' Indications of Effective
Strategies and Interventions to Decrease
Chronic Student Absenteeism in Virginia's
High Schools

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

August 13, 2021

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

Bartlett, Tara Christine
Patrick Henry School of Science and Arts: A
Historical Case Study on the Development
of the First Elementary Charter School in
Virginia

Committee Chair: Prof. C. A. Mullen PhD

Hunt, Turonne Kalada
Exploring the K-12 Teacher-Student
Relationship: Strategies Teachers Use to
Influence Students With Emotional
Disabilities' School Experiences

Committee Chair: Prof. C. A. Mullen PhD

EDUCATION SPECIALIST

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

CAREER AND TECHNICAL EDUCATION

December 16, 2021

Young, Tabitha Smithson

August 13, 2021

Burnett, Pamela Kay

EDUCATIONAL LEADERSHIP AND POLICY STUDIES

December 16, 2021

Bishop, Brian Gray

Gentzel, Kristal Nicole

Gunther, James Robert

Parmar, Nikita Sunil

Romine, Harrison W.

August 13, 2021

Harris, Bryan Cameron

Paitzel, Krystal Lorraine

Rogers, Hannah Paredes

Sedutto, Marantha Dawkins

Shears-Walker, Barbara Jean

MASTER'S DEGREES
COLLEGE OF
AGRICULTURE AND LIFE
SCIENCES

MASTER OF SCIENCE
AGRICULTURAL AND
APPLIED ECONOMICS

December 16, 2021

McGowan, Amanda Leigh

McKibben, Paige Alexandra

Wen, Yuanyuan

August 13, 2021

Fluharty, Shannon M.

Sharmin, Farhanaz

COLLEGE OF
AGRICULTURE AND LIFE
SCIENCES

MASTER OF SCIENCE
AGRICULTURAL AND
LIFE SCIENCES

December 16, 2021

Bond, Kayla

Disbergen, Shene

Homan, Ashley Grace

Renshaw, Andrea J.

Rosa, Austin C.

Sheppard, Aisha Marie

Smith, Tyrell Allen

Thompson, Crissy Loraine

Zweevel, Mayra Christi

August 13, 2021

Bede, Wabissa Desire

Brooks, Kendyl Lauren

Caskey, Taylor Caroline

Epes, Christopher Moseley

Granche, Michael Christopher

Green, Da'Ja Kimora

Mutts, Justyn Javon

ANIMAL AND POULTRY
SCIENCES

December 16, 2021

Fritzlen, Cooper James

Haines, Hannah

Stewart, Jacob Wesley

Tiss, Jacob Michael

Venhuizen, Madison Danielle

August 13, 2021

Anderson, Mallory Grace

Busse Esser, Nicolas Ignacio

Decker, Hannah

Harrod, Mary Kathryn

CROP AND SOIL
ENVIRONMENTAL SCIENCES

December 16, 2021

Thompson, Taryn Karie

August 13, 2021

Bowers, Lindsey Carolle

**HUMAN NUTRITION, FOODS
AND EXERCISE**

December 16, 2021

Gregg, Morgan

McQueen, Lucas Flynn

Wu, Yajun

Wunderlich, Kayla Marie

August 13, 2021

Lopez, Kyra Elise

Wallace, Michael Anthony

**MASTER OF SCIENCE
IN LIFE SCIENCES
AGRICULTURAL AND
EXTENSION EDUCATION**

December 16, 2021

Wilson, Jordan Latrice

August 13, 2021

Coartney, Jama Sue

BIOCHEMISTRY

December 16, 2021

Francis, Nicholas Robert

Parsnick, Johanna

DAIRY SCIENCE

December 16, 2021

Bryant, Dana Marie

ENTOMOLOGY

December 16, 2021

Dyer, Jared Elias

Malone, Morgan Le Fae

Palmersheim, Michala Christine

Steele, Taylor Nichole

**FOOD SCIENCE AND
TECHNOLOGY**

December 16, 2021

Chen, Pengyu

August 13, 2021

Khan, Jasim

HORTICULTURE

December 16, 2021

Galanopoulos, Christos

**PLANT PATHOLOGY,
PHYSIOLOGY AND WEED
SCIENCE**

December 16, 2021

Michael, Spencer Joseph

**MASTER OF SCIENCE IN
NUTRITION AND DIETETICS**

December 16, 2021

Bosnoian, Amy Thresa

Cox, Emily Ann

Jacobs, Emily Anna

Lester, Abigail Dawn

Lopez Grajales, Natalia

Winter, Ian Patrick

**COLLEGE OF
ARCHITECTURE AND
URBAN STUDIES**

MASTER OF ARCHITECTURE

December 16, 2021

Alnajidi, Najd Hamad S.

Carricaburu, Paul Gaston

Koushkebaghi, Mona

Lewis, Byronae Danielle

Lyu, Jiayue

Lyu, Yixun

Olson, Jeffrey Mark

Quinn, Kyle O'Brien

Weidner, Lukas Joel

Xu, Haoye

August 13, 2021

AL Hourani, Ehab Faisal

Gent, Bailey Lynn

Hoxha, Sara

Layden, Kaitlyn Rose

Melhem, Sari

Nozari, Behnaz

Pyne, Sarah Morris

**MASTER OF FINE ARTS
CREATIVE TECHNOLOGIES**

December 16, 2021

Ampatzi, Vasiliki Traikos

Lee, Boyoung

Schoenborn, Eric Cade

**MASTER OF LANDSCAPE
ARCHITECTURE**

December 16, 2021

Mitchell, Michelle Lynn

August 13, 2021

Gilbert, Grace Madelyn

**MASTER OF PUBLIC
ADMINISTRATION**

**PUBLIC ADMINISTRATION/
PUBLIC AFFAIRS**

December 16, 2021

Asante, Albert P.

Colten, Jennifer Hana

Cunningham, Johnnie Houston

Elwell, Patrick Smith

Evans, Ryan Michael
Henion, Casey John
Mason Jr., James E.
McBride, Stacey Hill
McNiff, Victoria Ann

**MASTER OF PUBLIC AND
INTERNATIONAL AFFAIRS**

December 16, 2021

Guenther, Brooke Elizabeth
Zhou, Yue

**MASTER OF SCIENCE
ARCHITECTURE**

December 16, 2021

Kalua, Amos

August 13, 2021

Li, Jiaru

**MASTER OF SCIENCE
BUILDING/CONSTRUCTION
SCIENCE AND MANAGEMENT**

December 16, 2021

Teates, Andrew Bennett

**MASTER OF URBAN AND
REGIONAL PLANNING**

December 16, 2021

Caudullo, Victoria

De Luca, Andrew Robert
Desai, Priya
Koy, Pauline Sipin
Landis, Jacob Timothy
McMillan, Alexis Sakile
Pajewski, Hannah Nicole
Showalter, Amy Laurel
Trainor, John Sorenson

**PAMPLIN COLLEGE
OF BUSINESS**

**MASTER OF ACCOUNTING AND
INFORMATION SYSTEMS**

December 16, 2021

Furrow, Nathan Avery
Helfgott, Nathan Edward
Helton, Jessica Brooke
Huynh, Chau Ngoc bao
Leipold, Cameron Michael
Rabbaa, Ali
Robertson, Kathryn Byer
Shakaa, Sameh Omer
Stansfield, Hannah Brooke
Steffe, Robert Wilson
Susay, Marissa Angelique
Tuck, Austin Wray
Vierrether, Haley Jordan

August 13, 2021

Brinker, Taylor Patricia
Chutchev, Vladislav Yurievich
Collins, Mackenzie B.
Covino, Kevin McTague
Hetrick, Derek Elijah
Moyer, Andrew Michael
Niska, David Douglas
Pisarz, Rachel Luise
Sultan, Christopher Tyler

**MASTER OF BUSINESS
ADMINISTRATION**

December 16, 2021

Arbolino, Ashley Elaine Hermit
Arkorful, Abena Adadzewa
Ayub, Rimsha Bushra
Bernhardt, Brad Robert
Bhattacharjee, Amitava
Bigalbal, Alayna Rose
Birkan, Yasemin Jasmine
Kuan, Kevin
Romano, Jacob Austin
Ryan, Kevin William
Samuels, Constance C.
Stenberg, Tyler Alan
Suomi, Michaela Jennifer
Ullmann, Christian Thomas
Wilkes, Allison Hope

Zuniga Jr., Martin Trinidad

August 13, 2021

Bissot, Claire Anne
Campbell, Logan
Chinnappan, Velmurugan
Hertz, Carrington Austin
Howard, Chris Lee
Jackson, Rob Roy
MacDonald, Allen
Malave, Caroline
Maurakis, Athina Alexandra
Murphy, Kathryn M.
Murthy, Anand
Osuorah, Vivien Ifeyinwa
Peterson, Jesse Lee
Purohit, Rohan Ramesh
Quesenberry, Billie Joan
Reyes, Stephen A.
Sharma, Manish
Singh, Rayman
Underwood Jr., Patrick Eugene

**MASTER OF SCIENCE
BUSINESS ADMINISTRATION**

December 16, 2021

Albassam, Sarah Abdulrahman I.
Alsukhaiber, Areej

Bin Funtukh, Hailah Ibrahim
Bin Samman, Taha Mohammed I.

August 13, 2021

Bajnok, Eszter
Calandra, Andrew William
Chen, Don
Chrysostomides, Emilios George
Connolly, Shane Michael
Coppedge, Kinsey Lane
Craig, Anna Marie
Deaton, Ashlyn Carroll
Del Castillo, Christopher James
Demory, Jaelyn Douglas
Dixon, Elise Dawn
Downey, Joseph Stuart
Everett, Jonathan Lee
Fuge, Alexander J.
Goodman, Jacob Thibault
Hampton, Tyler Andrew
Harper, Mitchell James
Harris, Madison Alyssa
Jessee, Samuel Owen
Khorramshahgol, Sara
Lv, Ze
Mahdavi Ara, Katayoun
McCann, Caylie Justine
McCarthy, Mary Clare Ann
Mutter, Stefanie Ruth Hoopes

Nguyen-Phan, An Khac
Occiano Collins, Mckenzie
Orjales, Lucas Penovi
Orjales, Pablo Penovi
Orrell, Dylan James
Pankey, William Tray
Parker, Brett Austin
Quadri, Shazeen Syeda
Ribeiro, Alexandre Miguel
Rodgers, Colby Wrenn
Salmon, Matthew Hayes
Siegal, Harrison Joseph
Spicer, Sarah Louise
Talamazzi, Ester
Thomas, Nicole Renee
Woodward, Sarah Giles
Xie, Shulin
Zamani, Arsham

COLLEGE OF ENGINEERING

MASTER OF ENGINEERING COMPUTER ENGINEERING

December 16, 2021

Bhat, Shreyas Suresh
Bianchi, Eric Loran
Chimote, Pranav
Cong, Jielong

Gopinath, Nithyaa

Hsieh, Hsin Han

Javidh, Sanaa

Johnson, Kristina Noelle

Kolloju, Kashi Vishwanath

Pitta Sekar, Ramprasath

Raina, Saksham

Rege, Varun Rajesh

Sureshbabu, Dhanush

Tsao, Chieh

Vittal Shakhapur, Meghana

Yuan, Niu

Zhang, Lou

August 13, 2021

Johari, Shagun

Mehta, Ujjval Samir

Sundharam, Vaibhav

Tomkins, Kevin Alexander

**COMPUTER SCIENCE
AND APPLICATIONS**

December 16, 2021

Barnett, Steven Gregory

Hicks, Megan Lalley

Luersen, Christopher

Nguyen, Alexander Tanhtrung

Poland, Cherie Michelle

Tan, Peng

Vityk, Martin

Wang, Xu

Wei, Gengrui

Zhu, Alexander Yin

August 13, 2021

Nwosu Jr., Kingsley

Ramsis, Zakary Sharief

Shaffer, Irena Marie

ELECTRICAL ENGINEERING

December 16, 2021

Gupte, Mihir Samir

Jain, Bhavin Shyamlal

Johnson-Graves, Wesley

Mikkilineni, Mohitha

Nandu, Jaineel

Sreeram, Nirmala

Zheng, Wei Xin

August 13, 2021

Chu, Eric Daniel

Gaffar, Md Abdul

Kondeppady, Avinash

Seshasayee, Varsha

**INDUSTRIAL AND
SYSTEMS ENGINEERING**

December 16, 2021

Currie, Levern Queen

Ghare, Aniket Ajay
Hartley, Andrew Josiah
Kachouh, Youssef Georges
Lad, Henil Rajesh
Masis Ulloa, Jorge Andres
Nelson, Cassidy Rae

August 13, 2021

Huang Qiu, Yu Yang

**MATERIALS SCIENCE
|AND ENGINEERING**

August 13, 2021

Slominski, Allison Rhea

**MASTER OF ENGINEERING
ADMINISTRATION**

December 16, 2021

Sutphin, Bryson Joel

**MASTER OF SCIENCE
AEROSPACE ENGINEERING**

December 16, 2021

Abushaban, Ahmad Basel
Austin, Jeffrey Turner
Brannick, Kevin Patrick
Collins, Addison Scott
Connerney, Ian Edward
Miranda, Cairen Joel

Polepeddi, Vachaspathy
Post, Alberto Martin
Quinn, Xavier Anthony
Sorensen, Andrew Liam
Stafford, Jamil Hisham
Whited, Derick John

August 13, 2021

Damani, Shishir

Harris, David Benjamin

Narkhede, Aditya Avinash

Tulloss Jr., Robert Stuart

**BIOLOGICAL SYSTEMS
ENGINEERING**

December 16, 2021

Knupp, Kyle Jacob

August 13, 2021

Paraszczyk, William Dale

Wardinski, Katherine Mary

CIVIL ENGINEERING

December 16, 2021

Al Ben Ali, Abdullah A. A. S.
Alselahi, Naser S. A.
Alves de Moraes, Alana
Amezquita Radillo, Esteban
Benavides Ruiz, Carolina
Blalack, Jonathan Alan

Blazejowski, Adam
Davis, Genevieve Claire
Dias Ignacio Junior, Paulo
Dixon, Rosa Lougee
Federman, Carly Elizabeth
Gillooley, Michael David
Gonsalves, Nihar James
Gregg, Kaitlyn Christine
Hernandez, Luis Fernando
Hrovatic, Erin Kristen
Jonasen, Colin Barret
Katyayan, Aditya Shashikant
Li, Yan
Meau, Alfred Timothy
Metzler, Laurie Coleen
Monterroso, Hector Ramon
Neubert, Gillian Aspen
Olson, Peter S.
Patel, Siddhi Achyut
Pazik, Krysten Rozalia
Popelka, Jack Riley
Ranganathan, Sriram
Rosado, Albin Rafael
Roston, Benjamin Harris
Shah, Nevil
Smith, Elizabeth Quillian
Stewart, Logan William
Thomas, Michael Clay

Walsh, Emma Patricia
Wang, Zhou
Yalcin, Fuat Furkan
Yurkovich, Peter Joseph

August 13, 2021

Anbazzhagan, Balakumar
Bauhs, Kayla Terese
Haque, Anmol
James, Joseph Andrew
Macmanus, Justin Edward
McManus, Ian P.
Mosuela, Kristine Angela
Pierce, Ian

COMPUTER ENGINEERING

December 16, 2021

Bharmal, Burhanuddin Asifhusain
Bilbao Munoz, Carlos
Boonaneksap, Surasith
Gandra, Harshitha
He, Hans Jihang
Manurkar, Shaunak Sudhir
Patel, Kushal Girishkumar
Xu, Bowen
Xu, Han

August 13, 2021

Avverahalli Ravi, Darshan
Blackburn, Christopher Nogueira

Chen, Si
Graziano, Timothy Michael
Mahurkar, Abhijit
Ravi, Sumved Reddy
Robb, Esther Anne

**COMPUTER SCIENCE
AND APPLICATIONS**

December 16, 2021

Biswas, Subhodip
Davis, Jason Tyler
Hickman, Molly Graham
Kimiyaie, Amir
Kusuma, Manisha
Lim, Steven
Liu, Yuqing
Manuel, Mark Balfour
Rathinavel, Gopikrishna
Senger, Allyson Lauren
Valinejad, Jaber
Venkatesan, Satish
Vives, Cristian
Wang, Pei
Zhao, Yan

August 13, 2021

Aarathi Raghuraman,
Beyki, Mohammad Reza
Furman, Samuel Lewis

Gallagher, Conor Dietrich
Liu, Hanwen
Liu, Yiqing
Llorens, Nathaniel Roman
Sen, Malabika Ashit

ELECTRICAL ENGINEERING

December 16, 2021

Ashby, Benjamin Kent
Iyer, Rahul Rajan
Khan, Imtiaj
Mitrovic, Vladimir
Moon, Christopher Michael
Ngo, Minh
Sabzehali Touranposhti, Javad
Smith, Robert Gregory

August 13, 2021

Alabi, Oluwademilade Adedunmolu
Alatar, Faris Muhanned Lutfi
Baker, Victoria Isabelle
Bhogi, Keerthana
Mutyala, Sri Naga Vinay
Reed, Ryan Tyler
Xiao, Chuan

ENGINEERING MECHANICS

December 16, 2021

Burns, Devin James

Cook, Charles
Goforth, Michael Emory

Kumar, Dhananjay

Mikel-Stites, Maxwell

Neigh, Thomas Alexander

Tetreault, Kristen Claire

Thattai Sadagopan, Sudharsan

August 13, 2021

Corbin, Nicholas Allen

Lyons, Percie Jewell

Raj, Neil Ashwin

ENVIRONMENTAL ENGINEERING

December 16, 2021

Hall, Steven James

Lopez, Kathryn G.

Malin, Kyle George

Nemati, Ali

August 13, 2021

Pokhrel, Nishan

Shirley, Kayla Celeste

ENVIRONMENTAL SCIENCES AND ENGINEERING

December 16, 2021

Placht, Daniel Robert

INDUSTRIAL AND SYSTEMS ENGINEERING

December 16, 2021

Abuhaija, Laith Ayman

Badve, Prathamesh Mahesh

Britten, Nicholas Norris

Herd, Katherine Elizabeth

Sullivan, Keith Alexander

MECHANICAL ENGINEERING

December 16, 2021

Alabi, Oreoluwa Adekolade

Amrite, Shardul

Bisquera, Chance Luc

Chaure, Rishabh Subhash

Fuge, Alexander Jonathan

Hugger, Blaine Thomas

Hupfeldt, William George

Huylo, Michael H.

Jose, Jobin

Liu, Bowei

Mhatre, Vihang Hridaynath

Rajasekaran, Darshan

Rhodes, Tyler Christian

Van Kat, Zachary Robert

August 13, 2021

Berman, Lauren Kathryn

Eagen, Sean Evans

Fawcett, Randall Tyler
Goncalves, Rafael dos Santos
Harvey, Daniel R.
Mouring, Scott William
Nier, Trevor Christopher
Pradhan, Sarthak
Silas, Kevin Alexander

MINING ENGINEERING

December 16, 2021

Gonzalez Jaramillo, Jonathan
Jaramillo Taborda, Maria Lizeth
Stables, Brandon Shane

August 13, 2021

Hu, Yue

OCEAN ENGINEERING

December 16, 2021

Berrow, David James
Devlin, Sara

SYSTEMS ENGINEERING

December 16, 2021

Dedman, Xiaolu Li
Deters, Jessica Rose
Garn, Chad Stephen
McVicker, Jonathan Robert

COLLEGE OF LIBERAL ARTS & HUMAN SCIENCES

MASTER OF ARTS

COMMUNICATION

December 16, 2021

Maher, Emily Therese

August 13, 2021

Costello, Lincoln John James

ENGLISH

December 16, 2021

Belcher, Cassie Jean Marie
Johnson, Carter Davis

August 13, 2021

Lewis, Asiah Nyree

Smith, Carli Alyece

FOREIGN LANGUAGES, CULTURES, AND LITERATURES

December 16, 2021

Hernandez, Jennifer Melisa

Jaime Castillo, Joana

HISTORY

December 16, 2021

Turner, Ca Thoma Valencia

**MATERIAL CULTURE AND
PUBLIC HUMANITIES**

December 16, 2021

Pearson, Anthony Micael

Tidman, Jeremy Noah

PHILOSOPHY

August 13, 2021

Bolen, Darian Lamar

POLITICAL SCIENCE

December 16, 2021

Anderson, Jamie Char'Mae

Blankenship, Spencer Edward

Johnson, Eric Darnell

Kluck, Genevieve Margaret

Matini, Armand Yousseff

Ritterbusch, Jade N.

Schott, Benjamin Glen

MASTER OF ARTS IN EDUCATION

**CURRICULUM AND
INSTRUCTION**

December 16, 2021

Daley, O'montae

Holston, Jalen Alexander

LeClair, Renee J.

Pitzer, Douglas D'Anthony

Romo, John Parker

Uptegraff, Mark Steven

Williams, Susan Elizabeth

August 13, 2021

Grubb, Bailey Madison

Hartley, Katherine Alexis

Karnes, Madison Marie

Matthews III, Diller George

Maxwell, Kelly Eileen

Seckers, Shelley

**EDUCATIONAL LEADERSHIP
AND POLICY STUDIES**

December 16, 2021

Brucia, Katrina Rae Cook

Dunbar, Aaron M.

Irwin, Eva Corinne

Turner, Raven ShaVonne

August 13, 2021

Jarrett, Calvin Demetri

Kinger, Nicholas Benjamin

Pulliam, Pamela Darcia

**HIGHER EDUCATION AND
STUDENT AFFAIRS**

December 16, 2021

Polk, Casey Skyler Cameron

**MASTER OF FINE ARTS
CREATIVE WRITING**

August 13, 2021

Massey, Evan Joseph

THEATRE ARTS

December 16, 2021

Pilania, Diksha

Wood, Taylor Erin

**MASTER OF SCIENCE
HUMAN DEVELOPMENT**

August 13, 2021

Clark, Julia Silva

Coram, Joseph R.

Han, Monica Karam

**SCIENCE AND
TECHNOLOGY STUDIES**

December 16, 2021

Howland, William Craig

Lane, Laura Bernadette

Monfort, Roy Earlin

Zhumadilova, Kulash

SOCIOLOGY

December 16, 2021

Drewry, Holli G.

**COLLEGE OF NATURAL
RESOURCES &
ENVIRONMENT**

MASTER OF FORESTRY

December 16, 2021

Hawks, Eric Michael

Wachter, Erin Michelle

August 13, 2021

Cerv, Sara Alison

**MASTER OF NATURAL
RESOURCES**

NATURAL RESOURCES

December 16, 2021

Alobaidi, Alhasan

Belsito, Barbara

Brenner, Andrew Michael

Cahalan, Jaime

Cole, Brian Patrick

Davis, Kiara Tizzy

Djamen, Junie

Dolgin, Madeline Courtney

Drossart, John Patrick

Ernest, Andrew

Ferrara, William Alexander

Frank, Stephanie

Greenfield, October

Haertel, Makayla Beth

Hendricks, Brandon
Hennessy, Casey Sheila
Hensley, Lindsay Elizabeth
Hines, Nickolas James
Hundemer, Robert Tedrick
Hutchens, Tobias Jay
Hux, Jennifer
Kelso, Elizabeth Amy
Key, Sarah
Khan, Ammar
Khan, Sadia A.
Klawitter, Lesley Ann
Kuczera, Lindsay Ann
Kuhn, Alyssa Jade
Langley, Robert Brion
Lewis, Caroline Lacy
Lombardo, Lori Marie
Luczynski, Lia Sullins
Madsen, Nikolai Vejen
Martin, Alyson Paige
Massie Eisner, Shannon Jo
Mclemore, Kyle Stillman
McLeod, Victoria Savannah Ellis Phillips
Moore, Cheyenne
Navarrete, Angelica
Oberdoerster, Chad Christian
Pandajis, Timothy James
Papastavrou, Thomas Walsh

Park, Reilly Elizabeth
Perez Jaramillo, Andrea
Perry, Mackenzie Brooke
Pope, Abigail Jean
Prior, Chelsea Lane
Radtke, Connor Andrew
Rideout, Ley
Rihl, Grace Elizabeth
Robinson, Michael
Schriefer, Heather
Schuler, Patrick John
Sexton, Julia Anne
Szymanski, Ellen
Talton, Heather Michelle
Van Houten, Reese Rosemarie
Velasquez, Sylvianne M.
Whitford, Tyler Scott
Williams, Kathryn Megan
Zalinsky, Angie Lee

August 13, 2021

Alanis, Erika
Blankenship, Nicholas
Cheso, Katherine Ann
Edwards, Jonathan Scott
Frazer, Brian Maurice
Goetz, Jacob Adam
Gott, Catherine Elizabeth
Hayslett, Emily Lauren

Hundley, Brett Michael

Knapp, Ashlee Nicole

Macey, Sarah E.

Perron, Nichole Ashley

Schmitt, Jessica

Strawderman, Nicole Blodgett

Van Lanen, Siobhan Kate

**MASTER OF SCIENCE
FISHERIES AND WILDLIFE**

December 16, 2021

Guill, Marissa Hahn

Sybertz, Nicholas Michael

True, Michael C.

August 13, 2021

Barron II, Joseph Charles

Barungwi, Amo Obusitswe

Van de Vuurst, Victoria Paige

**FORESTRY AND FOREST
PRODUCTS**

December 16, 2021

Bertucio, Timothy Joseph

Can, Muhammed Furkan

Huang Qiu, Yu Yang

Masis Ulloa, Jorge Andres

August 13, 2021

Alvarez Valverde, Mary Paz

Rara, Angela Dominique Sarmiento

Strong, Kerrigan Ann

GEOGRAPHY

December 16, 2021

Boza Carbonell, Karla Maria

Carani, Samuel James

Gonzales, Jack Joseph

Lewis, Colleen Paige

Stanley, Kyler Bruce

August 13, 2021

Ramesh, Balaji

Young, Holly Ann

Young III, James Russell

COLLEGE OF SCIENCE

MASTER OF ARTS

ECONOMICS

December 16, 2021

Bandyopadhyay, Priyambada

Das, Nandini

Mecherikunnel, Thomas Paul

Mun, Byungki

Wagnon, Michael Leavitt

**MASTER OF ARTS IN DATA
ANALYSIS AND APPLIED
STATISTICS**

December 16, 2021

Bahja, Jonilda

Bhardwaj, Himanshu

Dola, Peter Anthony

Espera Jr., Alejandro Hanginon

Jiang, He

Stokes, Bradley

True, Michael C.

Veluz, Nomelie Anne Cervantes

August 13, 2021

Knittle, Andrew Kyle

**MASTER OF SCIENCE
BIOLOGICAL SCIENCES**

December 16, 2021

Kivimaki, Sarah Elise

August 13, 2021

LeBlanc, Sophie M.

McHugh, Sean W.

CHEMISTRY

August 13, 2021

Calderon, Susana

Mansouri, Zahra

GEOSCIENCES

December 16, 2021

McGroarty, Fiona Clare

Prater, Alexa Brianne

Roethlisberger, Nathan David

August 13, 2021

Groce-Wright, Nigel C.

MATHEMATICS

December 16, 2021

Mikel-Stites, Maxwell

August 13, 2021

Burleson, John Taylor

PSYCHOLOGY

December 16, 2021

Chen, Ya-Yun

Garcia, Katelyn Mallory

George, Brianna Amber

Ko, Hayoung

Swanson, Courtney

STATISTICS

December 16, 2021

Le, Minh Duc

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

December 16, 2021

Markey, Corrin Patrisha

Todoroff, Emma Coleman

August 13, 2021

Harrison-Jackson, Ashley Verney

Margheim, Lynn Marie

**MASTER OF SCIENCE
BIOMEDICAL & VETERINARY
SCIENCES**

December 16, 2021

Salgado, Rebecca Marie

August 13, 2021

Baik, Nam Joo

Dominic, Christopher Gerard

Helms, Alyssa Bankston

Hinson, Hannah Lee

Lemos Machado, Marcela

Leventhal, Hannah Rani

Murray, Alexander J.

**INTERDISCIPLINARY
DEGREES
MASTER OF INFORMATION
TECHNOLOGY**

December 16, 2021

Anderson, Damaris C.

Bahn, Stephen Paul

Blakely, Audrey Ann

Childs, Grayson Thomas

Cochrane, Daniel Patrick

Courtney, Brian James

CusterIII, Kenneth Houston

Dial, Roger Allen

Duester, Brett Michael

Freer, Austin Winsor

Fru, Runick A.

Garcia, Angelo Joseph

Gopi, Aishwarya

Gorka, Robert Eric

Grossman, Amy Michelle

Hadfield Jr., Russell Jay

Hall, Annette Beverly

Hicks, Andrew Allen

Hoyt, Zachariah Jeffrey Knight

Kalafut, John

Khan, Usra

Koniuhov, Yakiv

Kriss, Alexander Joseph

Marshall, Nicholas Cole
Mast, Henry Benjamin
Mbang, Samira
Miller, Jeffrey Clark
Mohamed, Marawan
Nandi, Priyabrata
Nguyen, Bao T.
Nguyen, Tai Huu
Parra, Valerie Christina
Poudyal, Niraj Sharma
Reed-Waddell, Yuliya Andreyevna
Russ Jr., Jimmie R.
Salberg, Perry Ross
Sapkota, Madhav Prasad
Shimko, David McKee
Sikes Sr., William Christopher
Stallworth, Tyler Christian
Tucker, David Matthew
Vora, Mehul Chatur
Wandawi, Sarah S.
Watson IV, Lewis Allen
Windham, Ervin
Young, Terry J.
Zin, Thaw Aung

August 13, 2021

Ahmed, Heagan
Aleti, Deeksha Reddy
Alsamiri, Mohssen Mahyob

Anderson, Carter William
Anderson, Mark William
Arnold, Jonathan Lee
Baker, David J.
Bashiruddin, Sabah Tasawar
Bayona Caro, Joshua
Brito, Dianna Carissa Castilho
Dean, Jason P.
Dickson, Spencer Havens
Ehtesham, Noor Saeeda
Glover, Jason Phillip
Halder, Debjit
Halvordson, Rachel Lee
Hooshmandnia, Negin
Howard, Trent Christopher
Huang, Alan
Kee, Harrison Edward
Kenny, Richard Shannon
Lawson, Justin Mark
Medding, Annie Elizabeth
Moses, Dylan
Nelson, Brittany Alexis
Nguyen, Tam Nhat
O'Leary, Penelope Betzabe
Rajbhandari, Beryl
Renk Jr., William Terry
Richardson, Shawn Pendell
Salih, Lawk

South, Jonathan Christian

Sternitzke, Mary Katherine

Tamaro, Hannah Emily

Torres Duran, Edwin

Uribe Colletta, Maria Jose

Vishnuvajhala, Subrahmanyam Venkata

Zach, Andrew Eric

MASTER OF SCIENCE

**TRANSLATIONAL BIOLOGY,
MEDICINE AND HEALTH**

August 13, 2021

Depman, Madeline Jay

GRADUATE CERTIFICATES

APPLIED STATISTICS

December 16, 2021

Evans, Brian Edward

Gorka, Robert Eric

Holt, Rachel Elisabeth

Miller, Jeffrey Clark

Mohamed, Marawan

Ratcliffe, Victoria Frazier

Reed-Waddell, Yuliya A.

Sikes, William Christopher

Watson, Lewis Allen

August 13, 2021

Gibson, Brandon Clint

Hooshmandnia, Negin

Renk, William Terry

Uribe Colletta, Maria Jose

ARTS LEADERSHIP

August 13, 2021

Goerner, Laine C.

BIG DATA

December 16, 2021

Cochrane, Daniel Patrick

Mast, Henry Benjamin

Ramakrishnan, Saravanakumar

Smith, Andre St Clare

August 13, 2021

Howard, Trent Christopher

Kitlan, Michael Smiley

Shepherd, Charles Thomas

BUSINESS ANALYTICS AND DATA MINING

August 13, 2021

Bashiruddin, Sabah T.

Sieck, John Philip

BUSINESS DATA ANALYTICS

December 16, 2021

Cochrane, Daniel Patrick

Gorka, Robert Eric

Lee, Christopher Scott

August 13, 2021

Anderson, Carter W.

Medding, Annie Elizabeth

O'Neil, Robert Vincent

Salberg, Perry Ross

Sotka, Michelle Ferri

Torres Duran, Edwin

CYBERSECURITY MANAGEMENT

December 16, 2021

Bahn, Stephen Paul

Bender, Kyle Joseph

August 13, 2021

Smith, Jason C.

CYBERSECURITY POLICY

December 16, 2021

Anderson, Damaris C.

Englander, Gabrielle Michelle

Herron, Bradley Venson

Root, Ashleigh S.

August 13, 2021

Velovic, Joseph

CYBERSECURITY TECHNOLOGIES

December 16, 2021

Grossman, Amy M.

Kalafut, John

Mast, Henry Benjamin

Moses, Matthew Anderson

Parra, Valerie Christina

Purvis, Demontre Xavier

Reed-Waddell, Yuliya Andreyevna

Reynoso, Evanna Maria

Richardson, Jay Battle

Thomas, Timothy Lirod

August 13, 2021

Ahmed, Heagan Shekib

Brito, Dianna Carissa Castilho

Dean, Jason Paul

Glover, Jason Phillip

Lawson, Justin M.

Shimko, David M.

Smart, Preston Raymond

Velovic, Joseph

Yi, Katharine Alma

DATA ANALYTICS

December 16, 2021

Krishnan, Manu

August 13, 2021

Agarwal, Aman

Bhavsar, Sujal Pradipkumar

Biswas, Shuchismita

ECONOMIC DEVELOPMENT

August 13, 2021

Ashqar, Huthaifa Issam

FUTURE PROFESSORiate

December 16, 2021

Awni, Hani

Chaisupa, Patarasuda

Chen, Susan

Cridland, Caitlin Anne

Davidson, Darcy S.

Huggins de Murzi, Natali Carolina

Ju, Hwanik

Khurana, Mayank

Lopez, Kathryn G.

Mena Aguilar, Didier Philippe

Mitropoulos, Tanya Elise

Morrison, Holly Ann

Murray, Adam Riley

Ogunseiju, Omobolanle Ruth

Polk, Casey Skyler Cameron

Senger, Sterling Mackenzie

Singer, William Monte

Stine, Caleb Allan

August 13, 2021

Alsalous, Osama

Burns, Emily Marie

Duong, Minh Dao

Evans, Amilia Natasha

Garren, Austin M.

Grooms, Bennett Paul

Keenum, Ishi Medora

Maftouni, Maede

Quick, Tyler James

GEOSPATIAL INFORMATION TECHNOLOGY

August 13, 2021

Power, Sarah Nicole

Ritz, Alison Leigh

GERONTOLOGY

August 13, 2021

Hoyt, Emily Katherine

York, Laura Danielle

GLOBAL PLANNING AND INTERNATIONAL DEVELOPMENT STUDIES

August 13, 2021

Blackwell, Lauren

GLOBAL SUSTAINABILITY

December 16, 2021

Belsito, Barbara Anne

Brenner, Andrew Michael

Cahalan, Jaime S.

Cole, Brian Patrick

Darnall, Frances Katherine

Davis, Kiara Tizzy

Djamen, Junie

Drossart, John Patrick

Ferrara, William Alexander

Greenfield, October

Haertel, Makayla Beth

Hennessy, Casey Sheila

Hundemer, Robert Tedrick

Hutchens, Tobias Jay

Hux, Jennifer

Kelso, Elizabeth Amy
Key, Sarah
Khan, Ammar F.
Khan, Sadia A.
Kuhn, Alyssa Jade
Lewis, Caroline Lacy
Lewis, Fiona Rose
Lombardo, Lori Marie
Madsen, Nikolai Vejen
Martin, Alyson Paige
Massie Eisner, Shannon Jo
McLemore, Kyle Stillman
McLeod, Victoria Phillips
Naimy, Jessica Ann
Navarrete, Angelica
Neal, Sarah Rene
Oberdoerster, Chad Christian
Pandajis, Timothy James
Papastavrou, Thomas Walsh
Park, Reilly Elizabeth
Perez Jaramillo, Andrea
Radtke, Connor Andrew
Rihl, Grace Elizabeth
Schuler, Patrick John
Sexton, Julia Anne
Szymanski, Ellen
Talton, Heather Michelle
Van Houten, Reese Rosemarie

Velasquez, Sylvianne M.
White, Jamel
Whitford, Tyler Scott
Zalinsky, Angie Lee
August 13, 2021
Blankenship, Nicholas
Ernest, Andrew
Frazer, Brian Maurice
Goetz, Jacob Adam
Hayslett, Emily Lauren
Hendricks, Brandon
Hundley, Brett Michael
Klawitter, Lesley Ann
Knapp, Ashlee Nicole
Macey, Sarah E.
Medsker, Cody Alan
Moore, Cheyenne
Perron, Nichole Ashley
Perry, Mackenzie Brooke
Pope, Abigail Jean
Rogers, Blake Aaron
Schmitt, Jessica
Schriefer, Heather
Strawderman, Nicole Blodgett
van Lanen, Siobhan Kate

HEALTH INFORMATION TECHNOLOGY

August 13, 2021

Aleti, Deeksha
Alsamiri, Mohssen Mahyob
Anderson, Carter William
Bayona Caro, Joshua
Dickson, Spencer H.
Howard, Trent Christopher
Medding, Annie Elizabeth
Parra, Valerie Christina
Terrillion, Albert Jack
Uribe Colletta, Maria Jose
Watson, Lewis Allen

HUMAN FACTORS OF TRANSPORTATION SAFETY

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Sullivan, Keith Alexander

INFORMATION SECURITY AND ANALYTICS

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Agyei-Owusu, Nana Kwabena
Carey, Stephen Elliot

INFORMATION SYSTEMS DESIGN

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Anderson, Damaris C
Fru, Runick A.
Hicks, Andrew A.
Olsen, Helen Nicole
Verplancken, Pierce Alexander

INFORMATION TECHNOLOGY MANAGEMENT

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Bahn, Stephen Paul
Bhattacharjee, Priyanka
Gregg, Ian Robert
Grossman, Amy Michelle
Hoyt, Zachariah Jeffrey Knight
Hutson, Billy J
Kriss, Alexander Joseph
Nova, Jacqueline H.
Ramakrishnan, Saravanakumar
Schagrín, Rachel
Smith, Andre St Clare
Windham, Ervin

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Kee, Harrison Edward
South, Jonathan Christian

**INTERDISCIPLINARY WATER
AND HEALTH SCIENCE**

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He, Yanhong

Yao, Wenchuo

**LOCAL GOVERNMENT
MANAGEMENT**

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Cunningham, Johnnie Houston

Hunts, Justin Andrew

O'Brien, Angela Lynn

Wilcox, Tanya Remson

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Lintot, Danny June

Rosser, Brandy Lyn

NATURAL RESOURCES

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Darnall, Frances Katherine

Freeman, Andrew Stephen

Fry, Melissa Dyan

Greenfield, October

Johnson, Thomas Boyatt

Martinez Alpaca, Ynty Koyllor

McCarthy, Kaitlyn Ann

McDaniel, Chase Parker

Nguyen, Kristen Kim Que

Phillips, Jarrod Wayne

Razanauskas, Emilia Ada

Rearick, Courtney Ann

Rideout, Ley Rivers

Sanders, Michael D.

Soffee, Jessica Alexandra

Spangler, Lindsay Nicole

Tait-Sleeter, Rebecca Susan

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Backman, Elizabeth Shaileen

Bird, Garrett Dawson

Bradford, Theresa Angier

Cleveland, David Allen

Davis, Taryn Guerrero

Embly, Caitlin Marie

Gurley, Keiston Greg

Gwilliam, Rachel Elizabeth Terry

Hundley, Brett Michael

Hunter, Adrian Carl

Klawitter, Lesley Ann

Lewis, Fiona Rose

Neviska, Tristan James

Quarles, Jasmine Danielle

Robinson, Michael

von Stamwitz, Maria

White, Kelly Donald

Williams, Nicholas

**NONPROFIT AND
NONGOVERNMENTAL
ORGANIZATION
MANAGEMENT**

December 16, 2021

May, Shari L.

PUBLIC HEALTH

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Fox, Alexandra Shelor

Gamez, Myrna Odeth

Gnegy, Mariah

Guynn, Sierra Renee

Young, Holly Ann

PUBLIC HISTORY

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Swaney, Iris Mackenzie

**RESEARCH IN
TRANSLATIONAL MEDICINE**

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Abunimer, Luma

Anzivino, Anthony Patrick

Ari, Neslihan

Barrett, Patrick

Bhatt, Shyam H.

Bilton, Shawna Elizabeth

Brow, Katherine Anastasia

Budaeva Harding, Nina B.

Buhle, Anna Catherine

Carter, Kendal Elizabeth

D'Aquila, Madeline Laura

DeStefano, April C.

DeWyer, Alyssa Nicole

Hardin, Kathryn Marie

Hennis, Lauren Heather

Huang, Leah

Kim, Seo Hyun

Kurtz, Camden Emmett

Langman, Maya Grace

Lee, Mina Han

Marcucci, Macy Cordts

McLane, Richard Daniel

Miner, Alexandra Ann

Morrison, William Gamble

Nazeer, Sahana

Nolan, Kyle John

Patel, Kevin Hemendra

Roberts, Abra Lynn

Sayre, Rebekah L.

Shrontz, Ellen Elizabeth

Singh, Neha S.

Somasundaram, Shashank

Spinosa, Michael David

Stopa, Brittany Morgan

Strauss, Allison Monette

To, Tommy

Uwakaneme, Chukwuemeka Nnamdi

Vedula, Satyanarayana Venkata

Yang, Leon

Yosief, Sarah Fesahaie

Zhang, Alexander David

SOFTWARE DEVELOPMENT

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Dedman, Xiaolu Li

Eklov, Cody Michael

Hicks, Andrew A.

Kalafut, John

Nandi, Priyabrata

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Ahmed, Heagan Shekib

Brito, Dianna Carissa Castilho

Dean, Jason Paul

Halvordson, Rachel Lee

Richardson, Shawn Pendell

Shimko, David McKee

Vora, Mehul

TECHNOLOGY MANAGEMENT

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Sutphin, Bryson Joel

URBAN COMPUTING

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Tabassum, Anika

WATERSHED MANAGEMENT

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Link, Nicholas Turner