Sriram Aaleti, Civil & Construction Engineering
*Performance Enhancement of Concrete Walls using Selective Strengthening with UHPC*

Brendan Ames, Mathematics
*Convergence and consistency of penalized classification*

Oleksandra Beznosova, Mathematics
*Harmonic Analysis Approach to Discrepancy*

Eben Broadbent, Geography
*Linking remote sensing of land use cover and change to water quality in the Osa Peninsula, Costa Rica*

Yuhui Chen, Mathematics
*Bayesian Nonparametric Regression Control Charts*

Timothy Ferguson, Mathematics
*Regularity Results for Extremal Problems in Spaces of Analytic and Harmonic Functions*

Kimberly Genareau, Geological Sciences
*Sustained Impact of Volcanic Eruptions on Water Quality*

Phillip Harris, Biological Sciences
*Building Collaborative Research Ties with Vietnam. Phase II. Additional Field Surveys of Aquatic Fauna of the Nam Chan River Basin for NSF Proposal Development*

Elizabeth Hibberd, Health Sciences
*The Acute Effects of Swim Training on Shoulder Physical Characteristics in Adolescent Swimmers*

Sameer Mulani, Aerospace Engineering & Mechanics
*Optimization of 3D Printed Functionally Graded Material Structures*

Ryan Summers, Chemical & Biological Engineering
*Engineering an RNA molecular switch to recognize the high-value chemical paraxanthine*

Yong Zhang, Geological Sciences
*Demonstration of a New Theory to Capture Scale-Dependent Hydrologic Dynamics*

Anthony J Arduengo III, Chemistry

Jason Bara, Chemical & Biological Engineering

David Dixon, Chemistry
*Technology for a Sustainable Chemical Economy (STANCE) from Alabama’s Renewable Resources*

X. Margaret Liu, Chemical & Biological Engineering

Janna Fierst, Biological Sciences
*Genome-Scale Model Guided Metabolic Engineering of C. tyrobutyricum for Sustainable Biobutanol Production*

Shanlin Pan, Chemistry

Arunuva Gupta, Chemistry

Seongsin Kim, Electrical & Computer Engineering

Patrick Kung, Electrical & Computer Engineering
*Engineering and Analysis of Plasmon-Semiconductor System for Enhanced Renewable Energy Harvesting and Conversion*

Elizabeth Papish,

Yonghyun Kim-Chemical & Biological Engineering
*Ruthenium Complexes as Tumor Activated Prodrugs for Selective Toxicity Towards Cancer Cells*
LEVEL 1

Sherwood Burns-Nader, Human Development & Family Studies
Experiencing the life of parents of pediatric cancer patients through the use of daily reflections

Michelle Cheshire, Nursing
Haley Strickland, Nursing
Predicting Nursing Student Success: Exploring New Variables

Shinae Choi, Consumer Sciences
Financial Planning and Health Care Decisions for People with Alzheimer’s Disease Diagnosis

Susan Fant, Management & Marketing
Regina Lewis, Advertising & Public Relations
‘2025: An Exploratory Study of Millennials’ Expectations’

Ann Graves, Nursing
Comparisons of cardiometabolic risk between African-American and Caucasian women in a worksite wellness program

Jennifer Kenney, School of Social Work
Examining the protective and risks factors for criminal justice involvement among a group of female students involved in university substance use treatment

Kyoung Tae Kim, Consumer Sciences
Financial behaviors and attitudes of low income households in the United States

Yonghwan Kim, Telecommunications & Film
Does Social Media Relate to Political Polarization? Exposure to Like-minded and Cross-cutting Perspectives on Social Media and Its Consequences

Bronwen Lichtenstein, Criminal Justice/Sociology
Going Under: Medical Debt and Home Foreclosure

Junfei Lu, Educational Studies in Psychology, Research Methodology, & Counseling
A Model Toward Homeless People’s Well-Being, Self-Esteem, Resilience, and Career Outcome Expectations

Michele Montgomery, Nursing
Paige Johnson, Nursing
Assessing Overweight and Obesity and Associated Risk Factors in Rural Preschool Children

George Mugoya, Educational Studies in Psychology, Research Methodology, & Counseling
Cross-cultural Adaptation of the Family Empowerment Scale to Kenya

Elliot Panek, Telecommunications & Film
Social media use and emotional/mental health among American preadolescents: A longitudinal analysis

Joshua Pederson, Communication Studies
The communicative processes of families coping with bullying: Toward a model of communal repair

Kimberly Severt, Human Nutrition & Hospitality Management
Measuring Sleep Quality of Business and Leisure Travelers Utilizing Hotels
Andre Souza, Psychology
The cyber mind: The role of cognition on people’s evaluations of technology

Firat Soylu, Educational Studies in Psychology, Research Methodology, & Counseling
The Embodiment of Number Processing: The Relation between Fingers and Numbers

Jingping Sun, Educational Leadership, Policy, & Technology Studies
Theorizing the Critical Paths through which School Leaders Enhance Student Achievement: A Meta-Analytical Approach

Chris Vargo, Advertising & Public Relations
Understanding How Issues and Attributes are Created and Evolve on Social Media Using Big Data and Exponential Random Graph Models (ERGMs)

Lesley Jo Weaver, Anthropology
Food Insecurity and Mental Health in Northern Brazil

Melissa Wilmarth, Consumer Sciences
Food Security, Food Acquisition and Consumption Patterns, and SNAP

LEVEL 2

Sara McDaniel, Special Education/Multiple Abilities
Brief Coping Power for Elementary Students with Multiple Behavioral Deficit Areas

LEVEL 3

Marcia Hay-McCutcheon, Communicative Disorders
Hearing Loss in Adults Living in Rural and Urban Areas of Alabama

Rick Houser, Educational Studies in Psychology, Research Methodology, & Counseling
The use of mobile EEG and stationary EEG amplifiers in a pilot study focused on the impact of low current brain stimulation on math understanding and calculations.
LEVEL 1

Torin Alter, Philosophy
*Philosophical Semantics and the Knowledge Argument*

Teresa Cribelli, History
*Nations and Nature: geography, natural resources, and narratives of progress in nineteenth-century Brazil and the United States*

Kelly Guyotte, Educational Studies in Psychology, Research Methodology, & Counseling
*The Uncharted Years: Moving Through First Year Academic Spaces*

Jennifer Jones, Gender & Race Studies
*Queering An American Dilemma: Gender, Sexuality and Racial Politics in the United States, 1945-1985*

Nathan Loewen, Religious Studies
*Evil Reconsidered: Historicizing the Philosophy of Religion via Jacques Derrida*

Rachel Raimist, Telecommunications & Film
*In Her Hands: Developing Narrative Screenplays for Film & Television*

Kelly Shannon, Modern Languages & Classics
*Religion and Memory in Tacitus’ Annals*

Bryce Speed, Art
*Memory Fields: Mixed-Media Paintings Addressing the Relationship Between Place and Identity*

Heidi Staples, English
*“Emplaced and Multiple:” Mobile Bay Watershed poetic field excursions*

Eric Weisbard, American Studies
*A Critical Guide to the Literature of American Popular Music*