Honors in the Major Scholarship Recipients
2009

Burnett School of Biomedical Science (College of Medicine)

Sabikha Alam – Evaluation of Retinoic Acid Signaling: Its Influence on Developmental Cardiac Rate, Rhythm and Electrical Conduction Properties
Directed by Steven Ebert, Department of Molecular Biology and Microbiology

Alexander Noll – The Mechanism of Hypoxia-Mediated Lipid Loading in THP-1 Derived Macrophages
Directed by Pappachan Kolattukudy, Department of Molecular Biology and Microbiology

College of Arts and Humanities

Lauren Astafan – Pagans, Prefects, and Emperors: A Reexamination of the Sarcophagus of Junius Bassus
Directed by Margaret Zaho, Department of Art

Amanda Banacki – Spiritual Seascapes: Finding God in the Waters of John Frederick Kensett
Directed by Francis Martin, Department of Art

Benjamin B. Knob – The Way to Freedom in Existential Philosophy
Directed by Michael Strawser, Department of Philosophy

Justin Langley – Some Kind of Glorious
Directed by Lisa Roney, Department of English

Tamra Martin – The Fates of Clytemnestra and Cassandra
Directed by Judith Hemschemeyer, Department of English

Evan Mateer – Colonial Union: Plans to Unite the American Colonies from 1696-1754
Directed by Rosalind Beiler, Department of History

Carissa Van Dalen – Debates in Sacred Music from the Protestant Reformation to the Modern United States: Martin Luther, John Calvin, and Modern Reformed Baptists
Directed by Mary Macklem, Department of Music

College of Business Administration

Melissa Blette – Marketing Trends in Home Health Care: The Four Aspects that Affect Sales
Directed by Carolyn Massiah, Department of Marketing
Shea Cooney – *U.S. Aid – Does it Really Help?*
Directed by Thomas Martin, Department of Economics

Leonard Destefano – *Commercial Mortgage Market Liquidity and its Effect on Capitalization Rates*
Directed by Randy Anderson, Dr. Phillips School of Accounting

Nicholas Godinho – *Relationship between REIT Returns and Payout Ratio*
Directed by Randy Anderson, Dr. Phillips School of Accounting

Courtney Lynch – *Financial Issues of Small, U.S. Based Enterprises, Aspiring to Expand Globally*
Directed by Richard Curcio, Department of Finance

Lauren Rehm – *Stealth Marketing to Generation Y*
Directed by Carolyn Massiah, Department of Marketing

**College of Education**

Sarah Badders – *The Effect of Internship Experience on Perceptions of Classroom Management of Undergraduate Teacher Candidates*
Directed by Cynthia Hutchinson, Department of Teaching and Learning Principles

Ashton Dacus – *Acquisition and Transference of Physics-Based Conceptual Knowledge: An Analysis of Fourth-Grade Students’ Ability*
Directed by Janet Andrease, Department of Teaching and Learning Principles

Maria O’Brien – *The Evolution of Tales in Europe and George Sand’s Work throughout the K-12 Curriculum*
Directed by Karen Verkler, Department of Teaching and Learning Principles

**College of Engineering and Computer Science**

Directed by Issa Batarseh, School of Electrical Engineering and Computer Science

Brian Daubenspeck – *Extrapolation Techniques for Very Low Cycle Fatigue Behavior of a Ni-Base Superalloy*
Directed by Ali Gordon, Department of Mechanical, Materials, and Aerospace Engineering

Christine Dykstra – *Decolorization of Structurally Different Textile Dyes by a Mixture of Live and Dead, Autoclaved Trametes Versicolor Fungus*
Directed by Andrew Randall, Department of Civil, Environmental, and Construction Engineering
Jesse Kelly – *Numerical Solution of the Two-Phase Incompressible Navier-Stokes Equations Using a GPU-Accelerated Meshless Method*
Directed by Eduardo Divo, Department of Mechanical, Materials, and Aerospace Engineering

Corey McCall – *Investigation on the Use of RFID and Remote Monitoring Technology to Track Medications for Elderly Healthcare Patients*
Directed by Cliff Zou, School of Electrical Engineering and Computer Science

Nathan Mutter – *Stress Concentration Factors for V-Notched Plates under Axisymmetric Pressure*
Directed by Ali Gordon, Department of Mechanical, Materials, and Aerospace Engineering

Jason Steighner – *Analysis and Enhancement of the LDMOSFET for Safe Operating Area and Device Ruggedness*
Directed by Jiann Yuan, School of Electrical Engineering and Computer Science

**College of Health and Public Affairs**

Brenna Egan – *The Battered Man: An Evaluation of Equal Justice Under the Law*
Directed by Kathy Cook, Department of Criminal Justice and Legal Studies

Lianna Hartwell – *The Use of Circumstantial Evidence in Convicting Defendants in High Profile Murder Cases*
Directed by Kathy Cook, Department of Criminal Justice and Legal Studies

Melissa Timson – *Assessing Efficacy of Stuttering Treatments Using Single Subject Design Research: A Systematic Review*
Directed by Chad Nye, Department of Communication Sciences and Disorders

**College of Nursing**

Cynthia Dey – *Nursing Interventions for Promoting Maternal-Fetal Attachment*
Directed by Nancy Ahern, College of Nursing

Kristina May – *Nursing Utilization of Sensory Stimuli on the Impact of Infant Cognition*
Directed by Nancy Ahern, College of Nursing

Christi Merritt – *Nursing Interventions for Improving Paternal-Infant Attachment*
Directed by Nancy Ahern, College of Nursing

Elizabeth Laporte – *Psychosocial Assessment and Support for Women Grieving Post Abortion*
Directed by Nancy Ahern, College of Nursing
College of Sciences

Shainna Ali – *Contemporary Hijra Identity in Guyana: Colonial and Postcolonial Transformations in Hijra Gender Identity*
Directed by Rosalyn Howard, Department of Anthropology

Jivco Bojinov – *Democracy in Eastern Europe: Society, Government, and Economy*
Directed by Houman Sadri, Department of Political Science

Amber Dukes – *Variables Associated with Attraction to Individuals with Psychopathic Traits*
Directed by Randy Fisher and Charles Negy, Department of Psychology

Leon Guerrero – *Modeling and Optimization of Some Behavioral Portfolio Selection Problems*
Directed by Jiongmin Yong, Department of Mathematics

Thuy Nguyen – *The Prevalence of HIV and STI’s amongst Vietnamese Immigrants*
Directed by Matthew McIntyre, Department of Anthropology

Jayme Puff – *Relationship Among Parents’ Economic and Parenting Stress, Parenting Behaviors, and Ratings of Young Children’s Emotional and Behavioral Functioning*

Stephanie Rash – *Development and Stability in Sub-Saharan Africa: Making the Case for Education in the Developing World*
Directed by Houman Sadri, Department of Political Science

Sabrina Stein – *United Nations Organization: Analysis of Reform Proposals in the Areas of Budget, Secretariat, and Security Council*
Directed by Houman Sadri, Department of Political Science

Rosen College of Hospitality Management

Luisa Alvarez – *Hispanic Consumer Perspectives of Green Hotels*
Directed by Po-Ju Chen, Department of Hospitality Services

Catherine Rash – *Critical Success Factors in Florida’s Bed and Breakfast Industry*
Directed by Tammie Kaufman, Department of Food Service and Lodging Management

Brevard Area Campus

Eric Austin – *Effects of City Council Partisanship on Local Budgeting*
Directed by Barbara Kinsey, Department of Political Science

Lydia Watkins – *Improving Nonverbal Communication between Nurses and Deaf and Hard of Hearing Children*
Directed by Stephen Heglund, College of Nursing
Daytona Area Campus

Jennifer Carter – *The Role of Identity on Peer Conflict and Aggression*
Directed by Steven Berman, Department of Psychology

Luke Eddy – *The Relationship Between Childhood Obesity and Depression*
Directed by Patricia Lafferty, College of Nursing

Palm Bay Area Campus

DeAnn Collins – *Investigating Predictors of Ageism: Supportive Relationship with Older Adult Wanted*
Directed by Shannon Whitten, Department of Psychology

Brooke LaJoie – *Never Too Old, Never Too Young? Exploring Stereotypes in the Mixed-Age College Classroom*
Directed by Karen Mottarella, Department of Psychology