Honors in the Major Scholarship Recipients  
2010

Burnett School of Biomedical Science (College of Medicine)

Alexander Fagenson - *Gold (III) Macrocycles are DNA Intercalators that Inhibit Topoisomerase I and II*
Directed by Mark Muller, Burnett School of Biomedical Sciences

Camha Nguyen - *A Tripartile Biosensor for Real-Time SNPs Detection in DNA Hairpin Motif*
Directed by Dmitry Kolpashchikov, Burnett School of Biomedical Sciences

Catherine Sullenberger - *Identification of Physiological Substrates of Plasmodium falciparum PfPK5, a CDK-like Kinase*
Directed by Debopam Chakrabari, Burnett School of Biomedical Sciences

College of Arts and Humanities

Jessica Auz - *Man VS Beast: The Human-Animal Boundary in J.K. Rowling's Harry Potter Series*
Directed by Tison Pugh, Department of English

Jon Didier – *Art, Avoidism, and Automation*
Directed by Carla Poindexter, School of Visual Arts and Design

Amber Dukes – *Evolution and the Seven Deadly Sins*
Directed by Mason Cash, Department of Philosophy

Katherine Elsea – *Norma & Irving: The Steel Butterfly and the Boy Wonder*
Directed by Tison Pugh, Department of English

Karissa Eubanks - *Evangelicalism and Epiphanies of Grace in Flannery O'Connor's Short Fiction*
Directed by Kathryn Seidel, Department of English

Lauren Hansbury – *The Transformation of the Godly Family: Negotiations Between Gender Essentialist Ideals and Egalitarian Practices Among Evangelicals*
Directed by Harry Coverston, Department of Philosophy

Jonathan Lederman – *Ethical Applications of Free Culture for Art Education: Piloting ChinaVine as an Interactive Model*
Directed by Kristin Congdon, Department of Philosophy

Jordon Munizzi - *A Comparative Study of the Occurrence of Transverse Radiopaque Lines in Archaic, Early Modern, and Holocene Human Populations*
Directed by Tosha Dupras, Department of Anthropology
Chantelle Yandow - Crack Mothers, Crack Babies, and Black Male Dope Dealers: Productions of Deviance During America's Crack Cocaine Panic in the 1980s
Directed by Claudia Schippert, Department of Philosophy

College of Business Administration

Javiriyah Ashraf - The Accounting Fraud @ WorldCom: The Causes, the Characteristics, the Consequences, and the Lessons Learned
Directed by Pamela Roush, Kenneth G. Dixon School of Accounting

Zachary Lehner - Determinants of Exchange Rate Hedging: An Empirical Analysis of U.S. Small-Cap Industrial Firms
Directed by James Gilkeson, Department of Finance

Joshua McGuire - Inequality as a Determinant of Growth in a Panel of High Income Countries
Directed by Robert Pennington, Department of Economics

James Stevenson - Predicting U.S. Recessions: The Housing Market and 2008 Recession
Directed by Chengyu Yang, Department of Economics

Ronald Zmuda - An Examination of the Fraudulent Factors Associated with Corporate Fraud
Directed by Naman Desai, Kenneth G. Dixon School of Accounting

College of Education

Sarah Badders – Using Meyer’s Twilight in the Secondary Classroom
Directed by Nance Wilson, School of Teaching Learning and Leadership

Nicole Mills - An Exploration of Materials for Music Integration in Elementary Science Education
Directed by Robert Everett, School of Teaching, Learning and Leadership

Directed by Sherron Roberts, School of Teaching, Learning and Leadership

Rebecca Mordente - Examining At-home Reading Programs: The Current State of At-home Reading Programs in Central Florida Elementary Schools
Directed by Michelle Kelley, School of Teaching, Learning and Leadership

Elizabeth Paris - Examining the Moral Development of Young Children and Their Naturalistic Displays of Empathy Through Service-Learning Experiences in Preschool
Directed by Judit Szente, Department of Child, Family & Community Sciences

Deanna Velazquez - Using Young Adult Literature to Teach the Classics
Directed by Jeffrey Kaplan, School of Teaching, Learning and Leadership
Nina Washington - *Examining the Magic Tree House Series for Historical Accuracy and Educational Implications*
Directed by Sherron Roberts, School of Teaching, Learning and Leadership

**College of Engineering and Computer Science**

Jared Bindl - *Multi-Pole Permanent Magnet Motor Design and Control for High Performance Electromechanical Actuation in All Electric Aircraft*
Directed by Thomas Wu, Department of Electrical Engineering and Computer Science

Spencer Frank - *Vortex Tilting and the Enhancement of Spanwise Flow in Flapping Wing Flight*
Directed by Seetha Raghavan, Department of Mechanical, Materials and Aerospace Engineering

James Humphries - *A Novel Approach for Extending Delay Time in Surface Acoustic Wave Devices*
Directed by Donald Malocha, Department of Electrical Engineering and Computer Science

James Kullberg - *An Experimental and Numerical Study of Secondary Flows and Film Cooling Effectiveness in a Transonic Cascade*
Directed by Jay Kapat, Department of Mechanical, Materials and Aerospace Engineering

Brian Lichtman - *Context-Driven Agents in Computer Supported Cooperative Works*
Directed by Avelino Gonzalez, School of Electrical Engineering and Computer Science

Lesley Peterson – *E-Ternally Yours: The Case for the Development of a Reliable Repository for the Preservation of Personal Digital Objects*
Directed by Bahman Motlagh, Department of Information Systems Technology

**College of Health and Public Affairs**

Lauren Catenacci – *An Examination of College Students’ Attitudes and Beliefs Surrounding the Casey Anthony Case*
Directed by Mark Lanier, Department of Criminal Justice

Michelle Murphy - *Climate Change & Citizen Standing: The Evolution of Procedural Standing in Environmental Litigation*
Directed by Kathy Cook, Department of Legal Studies

**College of Nursing**

Nicole Arend – *Enhancing Migraine Diagnosis and Treatment to Improve Quality of Life in Women with Migraines*
Directed by Maureen Covelli, College of Nursing
Angela Collier – *Nursing Interventions to Improve Breastfeeding Initiation and Continuation among Adolescent Mothers*
Directed by Mary Guimond, College of Nursing

Jaime Eunice - *Review of Instruments to Measure Breastfeeding Beliefs and Intent Among Nulliparous Black College Women*
Directed by Julee Waldrop, College of Nursing

Lauren Flaherty - *Effectiveness of Nonpharmacological Techniques for Procedural Analgesia in the Neonatal Intensive Care Unit*
Directed by Kelly Allred, College of Nursing

Marie Shultz - *Factors Related to Stress in Nursing Students*
Directed by Maureen Covelli, College of Nursing

**College of Sciences**

Lindsay Dhanani - *Discrimination of Arabs and Muslims in Simulated Hiring Decisions: The Role of Multiple Categorization, Perceived Job Fit, and Social Dominance*
Directed by Robert Dipboye, Department of Psychology

Elise Hernandez - *Older Adults and Online Social Networking: Relating Issues of Attitudes, Expertise, and Use*
Directed by Janan Smither, Department of Psychology

Kristy Kormondy - *High Yield Assembly and Election Transport Investigation of Semiconducting-rich Local-gated Single-walled Carbon Nanotube Field Effect Transistors*
Directed by Saiful Khondaker, Department of Physics

Nicholas Le Fils: *The Effect of Declining Circulation and Employment within U.S. Newspapers: An Analysis of the 2003 Invasion and Occupation of Iraq*
Directed by Roger Handberg, Department of Political Science

Michael Napolitano – *Power Relation and Dominance Hierarchy Correlations in Primates*
Directed by Libby Cowgill, Department of Anthropology

Timothy Paskowski - *The Relationship Between Psychometrically-Defined Social Anxiety and Working Memory Performance*
Directed by Jeffrey Bedwell, Department of Psychology

Alyssa Roman - *UCF Student Perceptions of a Smoke-free Campus Policy*
Directed by Jason Ford, Department of Sociology

**Brevard Area Campus**

Marie Sabbagh - *Influence of Defendant Mental Illness on Jury Sentencing*
Directed by Erin Murdoch, Department of Psychology
Daytona Area Campus

Joshua Mester - *The Relationship Between Substance Abuse and Identity Development*
Directed by Steven Berman, Department of Psychology

Palm Bay Area Campus

Cristian Bryan - *Haitian Earthquake Disaster: Investigating News Media Choice, Mental Health, and Altruism*
Directed by Shannon Whitten, Department of Psychology

Sally Clausen – “I Never Forget a Face!”: *Memory for Faces and Individual Differences in Spatial Ability and Gender*
Directed by Shannon Whitten, Department of Psychology