Honors in the Major Scholarship Recipients
2006

Burnett School of Biomedical Sciences (College of Medicine)

John McLain – *The Deletion of Exon 2 in the Nf2 Gene Leads to Changes in Morphology, Protein Expression, and Localization in Mouse Schwann Cells*
Directed by Cristina Fernandez-Valle, Department of Molecular Biology and Microbiology

Natalie Villani – *Use of a Novel Epithelial Assay to Screen for Polyamine Transport Mutants in Drosophila melanogaster*
Directed by Laurence von Kalm, Department of Molecular Biology and Microbiology

College of Arts Humanities

Jessica Achberger – *A Legacy of Instability: Western Influences on the Democratic Republic of Congo*
Directed by Ezekiel Walker, Department of History

Marcia Brooks – *Small Gestures*
Directed by Lisa Roney, Department of English

Stephanie Cato – *In Support of Lynn White: Rethinking Christian Technology in light of the Ecological Crisis*
Directed by Claudia Schippert, Department of Philosophy

Bryce Dwyer – *James Ensor: Northern European Art and the Carnivalesque*
Directed by Jody Cutler, Department of Art

David Givens – *Misogynous or Misunderstood?: A False Dichotomy for Understanding Women’s Roles in Gnostic Writings*
Directed by Claudia Schippert, Department of Philosophy

College of Business Administration

Julian Sanchez – *The Various Agendas of Market Mavens*
Directed by Carolyn Massiah, Department of Marketing

Katherine Schermond – *Board Composition and Firm Performance in the Banking Industry*
Directed by Yoon Choi, Department of Finance

Robert Schmidt – *What’s Really Keeping the U.S. from Joining the Kyoto Protocol?: A Game Theoretic Empirical Analysis*
Directed by Elisabet Rutstrom, Department of Economics
College of Education

Reshma Ramkellawan – *Interpreter of Maladies: Analyzing Current Young Indo-Caribbean Literature for Inclusion in Today’s High School Canon*
Directed by Sherron Roberts, Department of Teaching and Learning Principles

College of Engineering and Computer Science

Jason Beck – *Implementation and Experimentation with C4.5 Decision Trees*
Directed by Michael Georgiopoulos, School of Electrical Engineering and Computer Science

Brian Becker – *Automatically Determining Consequences of Unexpected Events*
Directed by Avelino Gonzalez, School of Electrical Engineering and Computer Science

Venceslav Gaydarzhiev – *Energy Extraction Using Maximum Energy Harvesting Control as a Refinement Over Maximum Power Point Tracking on an Energy Harvesting Backpack*
Directed by Issa Batarseh, School of Electrical Engineering and Computer Science

Zachary Haber – *A Preliminary Study on New Anchorage Designs for Strengthening RC Beams with Externally Bonded FRP Composite Materials*
Directed by Lei Zhao, Department of Civil and Environmental Engineering

Sameer Khan – *Probalistic Stress Rupture Life Analysis of Turbine Blades*
Directed by Ali Gordon, Department of Mechanical, Materials, and Aerospace Engineering

Jonathan Nichols – *The Implementation of Knowledge Management with Lockheed Martin Corporation*
Directed by Bahman Motlagh, Department of Information Systems Technology

Enrique Ortiz – *A Scalable and Efficient Outlier Detection Strategy for Categorical Data*
Directed by Michael Georgiopoulos, School of Electrical Engineering and Computer Science

Justin Reese – *Averaged Model for a Three-Port Solar Power Converter*
Directed by Issa Batarseh, School of Electrical Engineering and Computer Science

Sarah Steinmetz – *Design, Implementation, and Validation of an Experimental Setup for Closed-Loop Functional Electrical Stimulation Applications*
Directed by Alexander Leonessa, Department of Mechanical, Materials, and Aerospace Engineering
College of Health and Public Affairs

Sarah Botelho – The Impact of Breast Cancer Molecular Imaging on the Education and Certification of the Radiologic Technologist
Directed by Thomas Edwards, Department of Health Professions

Kimberly Evangelista – Factors Associated with Depression in Adult Cardiac Surgery Patients
Directed by Frances Smith, School of Nursing

Christina Knowles – Factors Associated with Eating Disorders in Women
Directed by Frances Smith, School of Nursing

College of Sciences

Naomi Brownstein – Estimation and the Stress-Strength Model
Directed by Marianna Pensky, Department of Mathematics

Nathan Burns – The Caspian Region: Arena for Clashing Civilizations?
Directed by Houman Sadri, Department of Political Science

Stephanie Ernst – Relationships Among Parenting Style, Parental Self-Efficacy, Parents’ Perceptions of Children, and Preschoolers’ Emotion Regulation
Directed by Kimberly Renk, Department of Psychology

Sohang Gandhi – Topological Generalizations of the Heisenberg Uncertainty Relation
Directed by Costas Efthimiou, Department of Physics

Christopher Harbin – The Right to Privacy in the War on Terror: Constitutional Questions in Eavesdropping by the U.S. Government
Directed by Drew Lanier, Department of Political Science

Ethan Kennedy – Between the Lines: Depictions of Transgender Victims in New Print Media
Directed by Elizabeth Mustaine, Department of Sociology

Kimberlie Saint Louis – Haiti: A Nation Fallen from Grace and into Despair
Directed by Bernadette Jungblut, Department of Political Science

Shari Schwartz – Premigration Expectation and Postmigration Experiences of Hispanic Immigrants to the United States
Directed by Charles Negy, Department of Psychology

Rachel Wiley – Psychological Correlates of Quality of Life of Children and Adolescents with Cerebral Palsy
Directed by Kimberly Renk, Department of Psychology
Melonie Williams – *The Effects of Blocked and Random Word Lists on the Production of False Memories*
Directed by Alvin Wang, Department of Psychology

**Brevard Area Campus**

Angela Carter – *The Impact of Meditation CDs on College Students’ Sense of Wellbeing*
Directed by Shannon Whitten, Department of Psychology

Anthony DeLellis – *Abandoned: An Analysis of Freud’s Position on Religion*
Directed by Maria Lavooy, Department of Psychology

**Daytona Area Campus**

Desir’ee DeGinder – *The Effects of Yoga during Pregnancy on the APGAR*
Directed by Homer Fouty, Department of Psychology