CONGRATULATIONS TO THE 2006 SHOWCASE OF UNDERGRADUATE RESEARCH EXCELLENCE SCHOLARSHIP WINNERS

ARTS AND HUMANITIES

First Place: Alice F. Kramer, Christian Franqui, Michael Carney, Lillian Vincent, Max Ferrer
“Shadows of Canaveral: A New Dawn”
Faculty Mentors: Lori C. Walters (History, Institute for Simulation and Training), Eileen Smith (Digital Media, Institute for Simulation and Training)

Second Place: Christine J. Dellert
“News Media Construction of Life and Death: The Impact of Language in Coverage of the Terri Schiavo Case”
Faculty Mentor: Richard Kenney (Communication)

ENGINEERING, COMPUTER SCIENCE, AND OPTICS

First Place: James R. Hughes, Matthew Murrian
“Passive Liquid/Vapor Separation Using an Inertia Driven Rotating Drum”
Faculty Mentor: Louis Chow (Mechanical, Materials, and Aerospace Engineering)

Second Place: Brian C. Becker, Christina M. Vargas
“Ontology-Based Search Engine for Real-World Decision Support System”
Faculty Mentor: Avelino J. Gonzalez (Electrical and Computer Engineering)

LIFE AND HEALTH SCIENCES

First Place: Brian C. Schanen
“Role of Selenium in Arsenic-Induced Cancer”
Faculty Mentor: William T. Self (Molecular Biology and Microbiology)

Second Place: Daniel A. Hernandez
“ISLANDS Version 2.0”
Faculty Mentor: David G. Jenkins (Biology)

PHYSICAL SCIENCES AND MATHEMATICS

First Place: Simon Mostafa
“Decomposition of Methanol on Size Selected Iridium Nanoparticles”
Faculty Mentor: Beatriz Roldán Cuenya (Physics)

Second Place: Naomi C. Brownstein
“Transformation of Variables in Statistics”
Faculty Mentor: Marianna Y. Pensky (Mathematics)

SOCIAL SCIENCES I

First Place: Darcy J. Cope
“The Effects of Household Corrosive Chemicals on Human Bone and Teeth: A Murderer’s Attempt to Mask the Identity of Their Victim”
Faculty Mentor: Tosha L. Dupras (Anthropology)

Second Place: Stephanie C. Ernst
“Relationships Among Parenting Style, Parental Self-Efficacy, Parents’ Perceptions of Children, and Preschoolers’ Emotion Regulation”
Faculty Mentors: Kimberly Renk (Psychology), Valerie K. Sims (Psychology), John P. Manning (Child, Family, and Community Sciences)

SOCIAL SCIENCES II

First Place: Rachel E. Wiley
“Psychological Correlates of the Quality of Life in Children and Adolescents with Cerebral Palsy”
Faculty Mentor: Kimberly Renk (Psychology)

Second Place: Michael T. Strand
“Interactions Between Visuo-Spatial Working Memory, Activity, and Ratings of ADHD”
Faculty Mentors: Valerie K. Sims (Psychology), Mark D. Rapport (Psychology), Stephen A. Sivo (Educational Research, Technology, and Leadership)
The dedication of the faculty is pivotal to the success of UCF’s research-based undergraduate programs. The Office of Undergraduate Studies extends its sincerest appreciation to all UCF faculty who work with undergraduate researchers and especially those whose students have presented at the annual Showcase of Undergraduate Research Excellence.