The Fourth Annual
Undergraduate Research Competition

Friday, March 30, 2012 through Saturday, March 31, 2012

• WHAT: Each session will include an 8-10 minute presentation by an undergraduate student followed by 5-7 minutes of Q&A.
• HOW: Each session will be judged based on the criteria listed on the Celebration website. Judges will be Coastal Carolina University faculty. Refer to www.coastal.edu/inquiry/2012/competition.html for evaluation criteria.
• WHERE: All undergraduate research competition sessions will be scheduled in two small case study rooms Wall 304, 318 and 322.
• WHEN: See schedule of times below. All sessions are scheduled back-to-back.

The top three ranked presentations will be awarded $500, $300 and $100. Award recognition will be on Saturday at 5:30 pm in Wall Auditorium after the Closing Session.

FRIDAY, MARCH 30

2:10 to 2:30 p.m.  WALL 318
Claudia Ortuno and Abigail Smith
Faculty Mentor:
Alcohol and Energy Drinks

2:10 to 2:30 p.m.  WALL 322
Jessica Cinardo
Faculty Mentor: Wes Fondren, Keira Williams
Handling Conflict: Males vs. Females

2:30 to 2:50 p.m.  WALL 318
Russell Alston
Faculty Mentor: Carol Osborne
Sports or Scholarship: The Path to Success for the African-American Teen

2:30 to 2:50 p.m.  WALL 322
Aliyyah Willis
Faculty Mentor: Eldred Prince, Jr.
Freedom in Education: the Movement to Educate the Freed Slaves during Reconstruction in the Pee Dee Area

2:50 to 3:10 p.m.  WALL 322
Laura Clemmons
Faculty Mentor: Carol Osborne
Once Upon a Time in a Castle that Became a City: Modern Fairy Tales for Adolescents

3:10 to 3:30 p.m.  WALL 304
Lisa Richardson
Faculty Mentor: George Lyerly
Energy Expenditure of Walking vs. Riding a Round of Golf in an Elderly Population

3:10 to 3:30 p.m.  WALL 318
Haleigh Woodlief
Faculty Mentor: Michael Campbell
In Defense of Disney Princesses

3:30 to 3:50 p.m.  WALL 304
Andrew Lesh
Faculty Mentor: Michael Campbell
Rumplestiltskin Rewritten

3:30 to 3:50 p.m.  WALL 322
Kaitlin O’Toole
Faculty Mentor: Anthony Albinia
Of Mice and Mozart: Evaluating Spatial Reasoning and Memory of Rats (Rattus norvegicus)
Celebration of Inquiry Conference
2012

3:30 to 3:50 p.m. WALL 318
Desmond Wallace
Faculty Mentor: Holley Tankersley
Midterm Elections Used to Gauge President’s Reelection Chances

3:30 to 3:50 p.m. WALL 322
Kevin Torres
Faculty Mentor: Carol Lane
Linking Knowing and Doing

3:50 to 4:10 p.m. WALL 304
Dominique de Wit and Tennia Walker
Faculty Mentor: Pamela Martin
Great Strides After Apartheid: The Economic Future of South Africa

3:50 to 4:10 p.m. WALL 318
Kaitlyn Zuilkowski
Faculty Mentor: Linda Palm
Social Distance as a Function of Mental Health Status and Gender of College Student Peers

3:50 to 4:10 p.m. WALL 322
Noelle Teramani
Faculty Mentor: Caroline Knight
The Importance of Non-Curriculum Classes in Elementary Students’ Lives

4:10 to 4:30 p.m. WALL 304
Rebecca Ringrose
Faculty Mentor: Dodi Hodges
Twenty-First Century Learning: Is Project Based Learning the Learning of the Future?

4:10 to 4:30 p.m. WALL 318
Lakesha Barnett
Faculty Mentor: Richard Aidoo
The Study of African Politics in Contemporary Global Affairs

4:10 to 4:30 p.m. WALL 322
Marilyn Sussmann
Faculty Mentor: JongHan Kim
When Body Meets Mind…

4:30 to 4:50 p.m. WALL 304
Singleton, Tonya
Faculty Mentor:
Freaks, LD’s and Rules: the Misrepresentation of Characters with disabilities in Adolescent Literature

4:30 to 4:50 p.m. WALL 318
Angela Pilson
Faculty Mentor: Cynthia Nycum
Western Culture and the Spread of Serial Murder

4:30 to 4:50 p.m. WALL 322
Laney Benson
Faculty Mentor: Jeffrey Jones
A Performance Perspective: “Un’auro amorosa” from Mozart’s “Cosi fan tutte”

4:50 to 5:10 p.m. WALL 304
Barbara Exum
Faculty Mentor: Sharon Thompson
Meal Deals - Not Such a Good Deal

4:50 to 5:10 p.m. WALL 318
Lorna Scribner
Faculty Mentor: Agatha O’Brien-Gayes
LINKS; Learning INtegrating Kinetic Solutions

4:50 to 5:10 p.m. WALL 322
Brittany Gaillard
Faculty Mentor: Terry Pettijohn
Effects of Menstruation on Women’s Likeliness to Forgive

5:10 to 5:30 p.m. WALL 304
Zachary Grant
Faculty Mentor: Keira Williams
Petro-Politics in Venezuela

5:10 to 5:30 p.m. WALL 318
Crystal Kimball, Shawn Karn and MaryLou Ireland
Faculty Mentor: Pat Bohannon
The Prevention of Childhood Obesity

5:10 to 5:30 p.m. WALL 322
Alissa Miller
Faculty Mentor: Carol Osborne
Gossip Girl: A Teenage Guide
Celebration of Inquiry Conference

SATURDAY, MARCH 31

8:50 to 9:10 a.m. WALL 318
Heather Estep
Faculty Mentor: Rob Young
Tursiops Truncatus Population Structure at North Inlet, S.C.

8:50 to 9:10 a.m. WALL 322
Kyle St. Clair
Faculty Mentor: Kevin Xu
Sediment Grain Size Characteristics along the Louisiana-Texas Continental Shelf After the 2011 Mississippi River Flood

9:10 to 9:30 a.m. WALL 318
Cathy Nguyen
Faculty Mentor: Deborah Hutchinson
Dietary Sequestration of Defensive Toxins by the Asian Snake Rhabdophis tigrinus

9:10 to 9:30 a.m. WALL 322
Christopher McHugh
Faculty Mentor: Rich Viso
Assessing the Hydrogeological Controls on Submarine Groundwater Discharge in the Duplin River Estuary

9:30 to 9:50 a.m. WALL 318
Sean Gilroy and David Walling
Faculty Mentor: Paul Richardson
Genetic Fingerprinting of T4 Bacteriophage

9:30 to 9:50 a.m. WALL 322
Ina Troutman
Faculty Mentor: Paul Richardson
Searching for Prophylactic Bacteriophages that Infect and Lyse Staphylococcus aureus or Escherchia coli.

9:50 to 10:10 a.m. WALL 318
Joseph Cannon
Faculty Mentor: Paul Richardson
The Effects of Salinity, pH and Dissolved Oxygen on the Sensitivity of PCR

9:50 to 10:10 a.m. WALL 322
Lynsey Deudne and Harley Seeger
Faculty Mentor: Fang Ju Lin
The Neuroprotective Effects of EGCG and Nicotine on Drosophila

10:10 to 10:30 a.m. WALL 318
Devin Howard
Faculty Mentor: Vladislav Gulis
Wood Decomposition and Associated Fungal Biomass in SC Salt Marsh

10:10 to 10:30 a.m. WALL 322
Robert Louder
Faculty Mentor: Photocatalytic Activity of Zinc Oxide Thin Films

10:30 to 10:50 a.m. WALL 318
Jen Kisabeth
Faculty Mentor: Juli Harding.
Timing and Intensity of Crassostrea virginica Settlement in North Inlet and Dunn Sound, South Carolina 2011

10:30 to 10:50 a.m. WALL 322
Kevin Crowley
Faculty Mentor: David Evans
Co-Crystallization and Polymorphism of Naturally Occurring Peptide Derivatives

10:50 to 11:10 a.m. WALL 318
Lisa Brown
Faculty Mentor: Erin Burge
Macroalgae cover and composition correlated to densities of Diadema antillarum

10:50 to 11:10 a.m. WALL 322
Kelly Gecryck
Faculty Mentor: Richard Peterson
Seasonal hypoxia in the nearshore zone of Long Bay: Groundwater discharge as a driving force

11:10 to 11:30 a.m. WALL 318
Shannon Kelly
Faculty Mentor: Fang Ju Lin
A Devastating Disease: Fibrodysplasia Ossificans

11:10 to 11:30 a.m. WALL 322
Lauren Haller
Faculty Mentor: Deborah Hutchinson
Lessons Not Learned: Knowledge Gaps and Risky Protocol in the Oil Industry
11:30 to 11:50 a.m. WALL 318
Carrie Wein  
*Faculty Mentor: Rob Young*
Effects of “Ultrasound” on Completion of Difficult Cognitive Tasks in Relation to Dolphin Assisted Therapy

11:30 to 11:50 a.m. WALL 322
Kevin Kern  
*Faculty Mentor: Louis Rubbo*
Multimessenger Astronomy: Modeling Gravitational and Electromagnetic Radiation From a Stellar Binary Source

11:50 a.m. to 12:10 p.m. WALL 318
Kaitlyn Hofeldt  
*Faculty Mentor: Keira Williams*
The impact of whaling on countries’ tourism industries

11:50 a.m. to 12:10 p.m. WALL 322
Kelsey Couch  
*Faculty Mentor: Craig Gilman*
The Effects of Significant Rainfall Events on Surface Dissolved Oxygen Concentrations Off the Coast of Long Bay in South Carolina

12:10 to 12:30 p.m. WALL 318
Shawnee Lechliter  
*Faculty Mentor: Megan Cevasco*
Kleptoplasty: A Symbiotic Relationship between Plastids and Foraminifera at Waties Island, SC

12:10 to 12:30 p.m. WALL 322
Sarah Sexton  
*Faculty Mentor: Tessa Weinstein*
Making Waves in Long Island Sound

12:30 to 12:50 p.m. WALL 318
Melissa Sabaugh  
Faculty Mentor: Doug Van Hoewyk
The involvement of the 26S proteasome complex in selenium toxicity

12:30 to 12:50 p.m. WALL 322
Whitney Hucks  
*Faculty Mentor: Linda Henderson*
U.S. Progress Toward IFRS

12:50 to 1:10 p.m. WALL 318
Rebekah Harding, Eric Morphy, Alex Hester, Amanda Mazzoni and Teyanna Lewis  
*Faculty Mentor: Janice Black*
Inspiring Entrepreneurs

12:50 to 1:10 p.m. WALL 322
Shayne Reddington  
*Faculty Mentor: Sheila Mitchell*
Enron: The Smartest “Guise” in the Room

1:10 to 1:30 p.m. WALL 318
Ly Pham  
*Faculty Mentor: Linda Henderson*
Who is REALLY Doing Your Taxes? : Unveiling the use of outsourcing in accounting

1:10 to 1:30 p.m. WALL 322
Kelsey Ritari  
*Faculty Mentor: Bomi Kang*
Ecotourism in the Grand Strand

1:30 to 1:50 p.m. WALL 318
Tiffani Cosson  
*Faculty Mentor: Michael Collins*
Perceptions of Walt Disney World: Antecedents to Return Visits

1:30 to 1:50 p.m. WALL 322
Janna Cole  
*Faculty Mentor: Carol Megehee*
Investigating the Role of Online Social Media in Consumer-Firm Relationships

1:50 to 2:10 p.m. WALL 318
Stephanie Wehrung  
*Faculty Mentor: Sheila Mitchell*
The Effect of IFRS Convergence on Coastal Carolina University Students

1:50 to 2:10 p.m. WALL 322
Mary Ewen  
*Faculty Mentor: Andrew Weinbach*
“If You Build it, They Will Come” The Economic Impact of NFL Stadiums
2:10 to 2:30 p.m.  WALL 318

Kirsten Costello  
Faculty Mentor: Taylor Damonte  
Can the Demand Problem Be Fixed? The Effect of Economic Crisis on the Lodging Sector of the Tourism Industry

2:10 to 2:30 p.m.  WALL 322

Shelby McGee  
Faculty Mentor: Monica Fine  
Factors that Impact Consumers’ Attitudes Toward Quick Response Codes

2:30 to 2:50 p.m.  WALL 318

Christine Po, Katie Roach, Iesha Wade, Janel Reeves  
Faculty Mentor: Sharon Thompson  
Positive Beings @ Palmetto Bays: Health Education in the Elementary School

2:30 to 2:50 p.m.  WALL 322

Taylor Epley  
Faculty Mentor: Doug Van Hoewyk  
Analysis of a Neotropical Bromeliad Subjected to Drought

2:50 to 3:10 p.m.  WALL 318

Sean Manahan  
Faculty Mentor: Pamela Martin  
Westernization and Muslims in Western Europe

2:50 to 3:10 p.m.  WALL 322

Jessie Benchley  
Faculty Mentor:  
Accuracy of Age Predicted Maximal Heart Rate Equations

3:10 to 3:30 p.m.  WALL 318

Joseph Pope  
Faculty Mentor: Carol Osborne  
Teaching Graphic Novels as Literature to Adolescents

3:10 to 3:30 p.m.  WALL 322

Kristina Gray  
Faculty Mentor: Carol Osborne  
An In-depth Look into the World of Adolescent Literature--What defines normality, and thus defines abnormality?

3:30 to 3:50 p.m.  WALL 318

Marilyn Sussmann  
Faculty Mentor: Terry Pettijohn  
The Effects of Mate Attraction on Interest Towards Product Advertisements

3:30 to 3:50 p.m.  WALL 322

Justin Helton  
Faculty Mentor: Eleanor Finnegan  
Women’s Activism in Saudi Arabia

3:50 to 4:10 p.m.  WALL 318

Kayla Martin  
Faculty Mentor: JongHan Kim  
Sit or Stand? Perceived Impact of Situations in Relation to Body Position

3:50 to 4:10 p.m.  WALL 322

Jessica Humenik  
Faculty Mentor: John Hutchens  
Does the Venus fly trap select prey based on size?

4:10 to 4:30 p.m.  WALL 318

Kate Dowling  
Faculty Mentor: Jackie Sgambati  
Nutrition Knowledge Division 1 College Athletes at Coastal Carolina University

4:10 to 4:30 p.m.  WALL 322

Dea Kamberaj  
Faculty Mentor: Terry Pettijohn  
Female Students’ Clothing Styles and their Effect on Perceived Intelligence by College Professors