



# ASPIRE 2013 PROGRAM

Academic Building 7  
 Florida Gulf Coast University  
 Friday, Jan. 25, 2013



Morning Sessions 8:00 AM – 12:00 Noon Academic Building 7: Room 114	
8:00 – 8:50	Registration
8:50 – 9:00	Welcome Address <i>Aswani Volety</i> (Interim Dean, College of Arts and Science)
9:00 – 9:50	REUs at Mississippi State University and the University of North Carolina at Greensboro <i>Ratnasingham Shivaji</i>
9:50 – 10:40	What makes a good REU problem? <i>Neil Calkin</i>
10:40 – 11:00	Break
11:00 – 11:30	How Can I Do Research---I'm Only An Undergraduate! <i>Kurt Bryan</i>
11:30– 12:00	Panel Discussion—Q&A
Afternoon Sessions 12:00 Noon – 4:20 PM Academic Building 7: Room 220	
12:00 – 1:15	Lunch
1:15 – 1:45	Temporal dispersion of the emergence intelligence: an inter-arrival time analysis <i>Tom Hair</i>
1:45 – 2:15	Hurricane Storm Surge simulation using a Hydrodynamic Model <i>Jose Felix</i>
2:15 – 2:30	Break
2:30 – 2:50	Eastern Oysters vs. Invasive Green Mussels <i>Matt Neubek</i>
2:50 – 3:10	The Domination Number of Half Grids <i>David Blessing</i>
3:10 – 3:30	Model Behavior: Computational Models in Undergraduate Research <i>Andrew Hedman</i>
3:30 – 3:50	Computational Entire Positive Solutions for a Class of Weighted Elliptic System <i>Joshua Jorgensen</i>
3:50 – 4:10	Weighted domination number of directed grids <i>Christie Mauretour</i>
4:10 – 4:20	Closing Remarks and Exit Survey