

## VISION

The Whitaker Center's vision is one in which all students in K-20 STEM educational environments are actively and collaboratively engaged in inquiry, interdisciplinary learning, and research experiences.

## MISSION

The Whitaker Center's Mission is to become a comprehensive model of inquiry and innovation in Science, Technology, Engineering, and Mathematics (STEM) Education, serving as a nexus of expertise and leadership for SW Florida.

The Whitaker Center takes a systemic approach to enhancing and reforming STEM Education by conducting research in STEM teaching and learning; developing innovative curricular resources, and materials; providing professional development opportunities for educators; developing and supporting programs for students; and building strong community partnerships.

# STEM Education Academy



# PROFESSIONAL DEVELOPMENT SERIES

2008  
STEM Education Academy  
PROFESSIONAL DEVELOPMENT SERIES

Whitaker Hall 235  
10501 FGCU Blvd. S  
Fort Myers, Florida 33965

239-590-7444

**FALL  
2008**

## FALL 2008 STEM EDUCATION ACADEMY SERIES

The Whitaker Center during the 2008-2009 academic year is sponsoring a series of seminars and workshops designed to provide STEM educators professional training in instructional methodologies, curriculum planning and assessment, and educational research skills. At the conclusion of the year's STEM Education Academy, participants will receive a certificate of achievement and a letter acknowledging the extent of involvement. The latter could be used to support a faculty member's annual report or promotion dossier. The Center hopes to perpetuate the STEM Education Academy in subsequent years, thereby providing members with on-

going professional development as the Center and individuals grow in interest and specialty.

This year's seminar and workshop schedule includes: four workshops, offered by nationally renowned experts in the areas of action research, grant writing, team teaching, and assessment (in both fall and spring); sessions concerning instructional models and strategies (during fall); and sessions that consider a variety of STEM issues of greatest concern to FGCU (during spring).

Meetings are biweekly and will convene on Friday afternoons beginning at 1:30 pm in WH 243. All sessions will be under 2 hours in length.

### "Instructional Models and Strategies"

Dr. Diane Schmidt will present a 5 session series on Models, Methods, & Strategies beginning Sept. 5th.



### "Assessment of Teaching Effectiveness"

Dr. Morrison-Shetlar is Dean of Undergrad Studies and Professor of Biology at UCF. She is co-author of "Teaching Creatively: Ideas in Action, with Dr. Mary Marwitz. Dr. Morrison-Shetlar will be our presenter on Dec. 5th.



## FALL 2008 PROFESSIONAL DEVELOPMENT SCHEDULE

### ORIENTATION

Friday, August 29th

Whitaker Hall 101

1:30 to 3:30

### SPECIAL GUEST

Dr. Ron Toll

**FRIDAY 1:30 TO 3:30 WH 243**

Sept. 5th	<b>Inquiry Strategies</b>
Sept. 19th	<b>Inductive Reasoning</b>
Oct. 3rd	<b>Visualization Models</b>
Oct. 17th	<b>Presentation and Discussion</b>
Oct. 31st	<b>Authentic Learning</b>
Nov. 14th	<b>Action Research</b>
Dec. 5th	<b>Assessment of Teaching Effectiveness</b>



### CONTACT INFORMATION

Dr. Michael Savarese 590-7165  
Co-Interim Director  
msavares@fgcu.edu

Dr. Sharon Isern 590-7438  
Co-Interim Director  
sisern@fgcu.edu

Susan N. Fohs 590-7444  
Administrative Assistant  
sfohs@fgcu.edu

**MARK YOUR CALENDARS**