Summer 2011
NSF Research Experience for Undergraduates Program
In
Fluid Mechanics with Analysis using Computations and Experiments (FM-ACE)

10 WEEK SUMMER INTERNSHIP
OPEN TO PHYSICS AND ENGINEERING MAJORS
APPLY ANYTIME BEFORE MARCH 11, 2011  Apply EARLY and get accepted EARLY!
On-campus housing at no cost is available for the first six accepted applicants that request it.

EARN $5000 and EXPENSE PAID TRIP to present your research at the APS FLUID DYNAMICS MEETING in BALTIMORE, MD in November!
USE STATE-OF-THE-ART TECHNIQUES SUCH AS...

DIGITAL PARTICLE IMAGE VELOCIMETRY
(including our new volumetric 3-D V3V systems)

RAINBOW SCHLIEREN DEFLECTOMETRY (RSD)

COMPUTATIONAL FLUID DYNAMICS (CFD)

SAMPLE PROJECT AREAS INCLUDE:
- MICRO-AIR VEHICLES
- BIOMEDICAL APPLICATIONS
- BIO-INSPIRED FLOW CONTROL
- COMBUSTION STUDIES

MORE DETAILS AND APPLICATION ONLINE!
aem.eng.ua.edu/FM-Ace

Women and minorities are strongly encouraged to apply!