Summer 2013

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 13, 2013 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 PITTSBURGH 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!
reu.eng.ua.edu/programs/fm-ace
Women and minorities are strongly encouraged to apply!