

Summer 2016

NSF Research Experience for Undergraduates Program

In

Fluid Mechanics with Analysis using Computations and Experiments (FM-ACE)

10 WEEK SUMMER INTERNSHIP

OPEN TO ENGINEERING AND PHYSICS MAJORS

APPLY ANYTIME BEFORE MARCH 18, 2016 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 PORTLAND, OR in November!

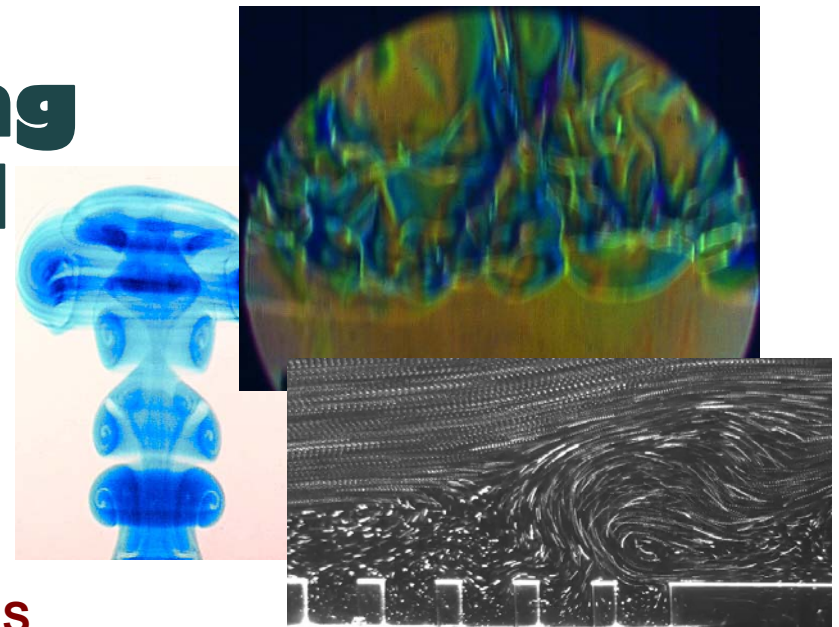


National Science Foundation
WHERE DISCOVERIES BEGIN

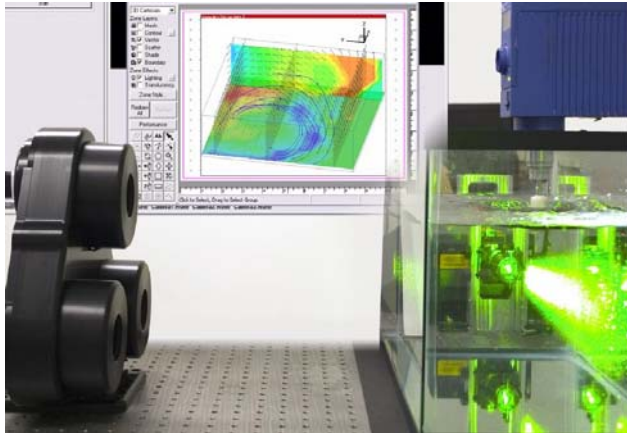


HOSTED
BY THE

UNIVERSITY OF ALABAMA
College of Engineering



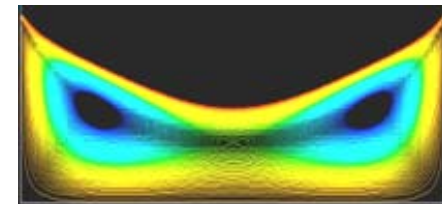
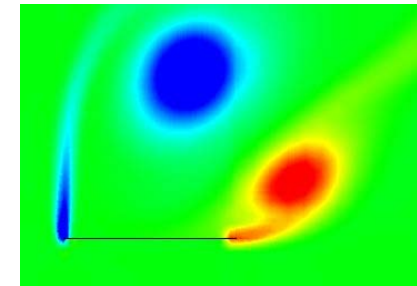
USE STATE-OF-THE-ART TECHNIQUES SUCH AS...



**DIGITAL PARTICLE IMAGE
VELOCIMETRY**
(including 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!**