

# Chemical and Biological Engineering

## Congratulations Fall 2007 Spring & Summer 2008 ChBE Honors Graduates

Kyle Fugit  
Glenn Kelly  
Mary Kathryn Sewell

### Not in ChBE Honors Yet?

Application forms are available in ChBE office.  
Requirement is 3.3 overall GPA.

### Honors Co-Ops & Internships

Want to earn credit while your earning money away from campus? Honors co-ops and internships are designed for advanced students who want to work on challenging projects. Students present their work to the faculty and peers at the end of the project.

#### Recent Internship & Co-Op Sponsors

Southern Research Institute, Durect, Inc.,  
Tate & Lyle Sucralose, NOAA, Southern  
Company, REU Programs at:  
Johns Hopkins, University of Alabama,  
University of Minnesota, Auburn Univ.

### Want to Get Published?

UA publishes an undergraduate research journal: JOSHUA (Journal of Science and Health at UA). Check out <http://bama.ua.edu/~joshua/>. Next deadline: Jan '09.

### McWane Research Fellowships & McKinley Creativity Fellowships

UA offers fellowships for undergraduate researchers. Deadlines are in March. For info, see <http://honors.ua.edu/current.shtml>.

## Honors Program

### Spring 2008

#### Completing the ChBE Honors Program

Current Requirements (joining in February 2006 or later)

- 18 total hours of honors credits needed  
(1 h honors forum, 6 h ChBE honors classes, 6 h honors classes in ChBE curriculum- e.g., CH, MA, EN, etc.; 5 hours other honors credits). Also, at least 3 hours must be hands-on: co-op, research, ...  
See the ChBE Honors brochure.

If you enrolled in ChBE Honors prior to February 2006:

- 12 total hours of honors credits are needed.  
(1 honors forum, 6 -ChBE honors, 5 -other honors)

#### ChBE Honors Options

**Honors-by-Contract** (any 300- or 400-level class)  
The UHP offers students the chance to earn honors credit for any 300- or 400-level class offered on campus. Students must complete additional work in agreement with the instructor. The program is run by the Honors College, but is open to all students in ChBEHP.

**ChBE 498-499 Honors Research and Design**  
Work with professors on independent projects. Earn credits! Present your project to the faculty and other honors students at the end of the semester.

**500-level Honors Electives** (512, 525, 538, 545)

**Honors Forum Classes** (225, 325, 425)

**Honors Co-Op/Internship/REU** (498/499)

**Undergraduate Honors Thesis**  
see UHP: <http://honors.ua.edu/current.shtml>

#### ChBE Honors Forum (Sophomores, Juniors & Seniors)

FALL 2008: Dr. Turner will lead the honors forum (ChE 325) on

#### **“CHEMICAL ENGINEERING AND THE ENVIRONMENT”**

**Class Time: Wednesdays @ 12 Noon**

If you are interested in the class, but can't make the time, see Dr. Turner. ChBE 325 is offered each semester, with rotating topics. Recent topics explored *Engineering the Hydrogen Economy*, *Engineered Medicine*, *Nanotechnology*, and *Alternative Energy*.

#### UA System

#### **“Honors Research Day”**

Undergraduate researchers from UA, UAB and UAH will meet at UAB on April 11 to give presentations and posters. Check with the honors college for more information. <http://honors.ua.edu/>

#### REU Programs

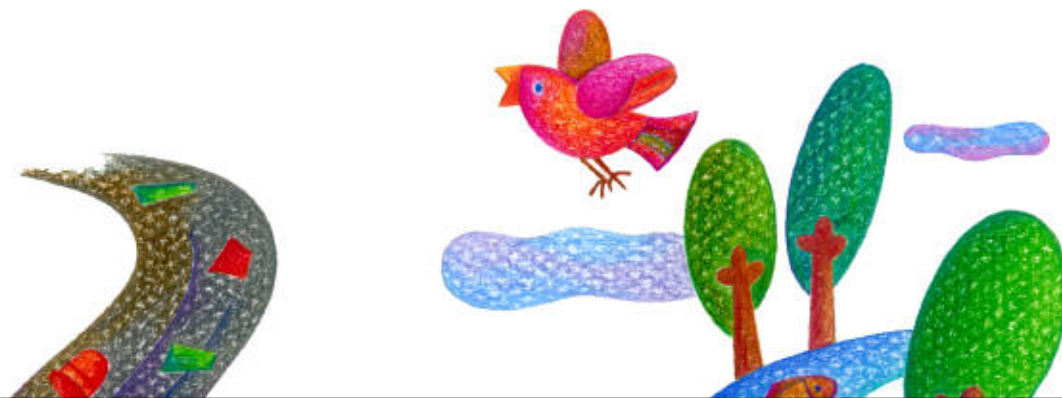
Research Experiences for Undergraduates, REUs, are programs sponsored by the National Science Foundation. There are numerous opportunities to get involved with research, both on campus at UA and other universities around the US. Programs are typically during the summer, with stipends to cover living expenses, and you get a chance to see what it's like to work in a research lab!

[http://www.nsf.gov/crssprgm/reu/reu\\_search.cfm](http://www.nsf.gov/crssprgm/reu/reu_search.cfm)

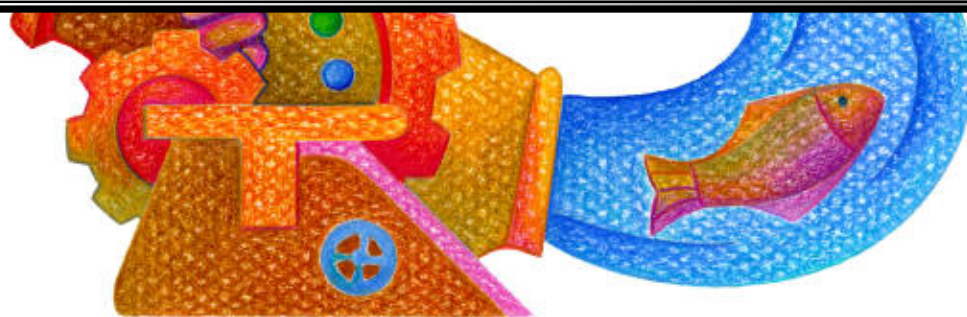
For more information:  
**ChBE Honors Program Chair**  
Christopher Brazel (CBrazel@eng.ua.edu)



# Fall 2008 HONORS FORUM



## Chemical Engineering and the Environment



**Dr. Heath Turner**  
**Wednesdays 12:00 - 12:50** (meeting time tentative)  
**ChE 325, 1 credit**

**open to students in the Chemical and Biological Engineering Honors Program**