



**Academic Careers in Engineering & Science (ACES+)**  
**Application for 2012 Summer Undergraduate Research Program**

The ACES+ summer research program for Science and Engineering (S&E) minority undergraduate students is an intensive, hands-on, 10 week session from May 29 - August 3, 2012. This program seeks to attract students to pursue research in science or engineering as a career. It is organized in cooperation with the Summer Program in Undergraduate Research (SPUR) and the Health Careers Enhancement Program for Minorities (HCEM) at Case Western Reserve University. Each student will be assigned to a faculty mentor with related research interests. The student will participate in ongoing projects in the faculty member's research program. In addition, students will attend lectures by S&E faculty and give one poster presentation at the end of the program. ACES students are welcome to attend one of the pre-med courses, which include biology, chemistry, organic chemistry, and physics, and to take part in all social events and outings for the SPUR and HCEM students as well as NIH-funded summer research students. The program includes a \$3,500 stipend, in addition to support for meals, housing, travel, and supplies. *Application deadline: February 15, 2012*

Name: \_\_\_\_\_ Social Security No.: \_\_\_\_\_

Present Address: \_\_\_\_\_  
(Street) (City) (State) (Zip)

Permanent Address: \_\_\_\_\_  
(Street) (City) (State) (Zip)

Current Telephone: ( ) \_\_\_\_\_ Permanent Telephone: ( ) \_\_\_\_\_

Email: \_\_\_\_\_ Cell Phone: ( ) \_\_\_\_\_

Will University Housing be required? \_\_ Yes \_\_ No Date of Birth: \_\_\_\_\_

Medical Coverage Provider \_\_\_\_\_ Policy # \_\_\_\_\_ Group # \_\_\_\_\_

(Proof of Medical Coverage is required for participation)

Demographic Information: \_\_ Male \_\_ Female

Please indicate the group(s) in which you would include yourself:

\_\_ Pacific Islander \_\_ Native Alaskan \_\_ Caucasian \_\_ Hispanic

\_\_ Native American \_\_ Black/African American \_\_ Asian

Other Please Specify \_\_\_\_\_

College or University in which you are currently enrolled:

College/University: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code \_\_\_\_\_

Current GPA: \_\_\_\_\_

Current Academic Status: \_\_\_\_\_ Date degree is expected: \_\_\_\_\_

Your major concentration: \_\_\_\_\_

Your career objective: \_\_\_\_\_

Please check the area(s) that are of most interest to you. Please limit your choices to five (5) departments since this will help us to direct your application to the appropriate faculty. Please rank your choices (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, etc.). You may also indicate if there are any faculty members that you would like to consider your application. We will make every effort to match you with faculty in your area of interest area.

### **Departments**

#### *College of Arts & Sciences*

- Anthropology
- Astronomy
- Biology
- Chemistry
- Geological Sciences
- Mathematics
- Physics
- Political Science
- Psychology
- Sociology
- Statistics

#### *School of Medicine*

- Anatomy
- Biochemistry
- Center for RNA Molecular Biology
- Genetics
- Molecular Biology & Microbiology
- Neurosciences
- Pharmacology
- Physiology & Biophysics

#### *School of Engineering*

- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Electrical Engineering & Computer Science
- Macromolecular Science & Engineering
- Materials Science & Engineering
- Mechanical & Aerospace Engineering



We require two (2) short letters of recommendation. These may be from professors, an academic advisors, a research advisor, or a work supervisor. Please arrange to have the letters sent to the address below, postmarked by the application due date, February 15, 2012

1. Name: \_\_\_\_\_ Title: \_\_\_\_\_

Relationship to applicant: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

2. Name: \_\_\_\_\_ Title: \_\_\_\_\_

Relationship to applicant: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

**E-mail application** to: [ACEScontinues@case.edu](mailto:ACEScontinues@case.edu) by *February 15, 2012*.

Please arrange to have an **official transcript and 2 letters of recommendation** forwarded to:

ACES+ Coordinator  
Case Western Reserve University  
10900 Eucild Avenue  
Cleveland, OH 44106-7001  
Attn: Provost Office

**All application materials and letters must be postmarked no later than February 15, 2012**

**Please read the following statement before signing:**

**I understand that I will be required to attend and participate in the final poster session.**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

*ACES<sup>+</sup>*  
**Academic Careers in Engineering & Science initiatives continued by the University**