

The University of Texas Environmental Science Institute Summer Undergraduate Research Program in Integrated Environmental Science

OVERVIEW OF THE PROGRAM. The Environmental Science Institute (ESI) of the University of Texas at Austin announces a DOD/NSF-funded program during the summer of 2008 for undergraduates interested in environmental science research. Students will be trained in laboratory and field methods applied to studies of watersheds and will work on independent projects under the supervision of a faculty mentor. Project areas are interdisciplinary and encompass the fields of chemistry, biology, ecology, civil engineering, marine science, and geological science. Students will participate in a weekly research seminar series and professional development activities. Students will also participate in field excursions related to scientific research. These 1-2 day activities may require physical exertion involving hiking, caving, camping, and/or boat rides in the hot and humid Texas summer. The summer program will conclude with a poster session and open house hosted by the Environmental Science Institute. Additional details, plus photos and video of the 2006 program, are available at www.esi.utexas.edu/research/reu.

SCHEDULE AND SUPPORT: The ten-week program runs from **June 2 through August 8, 2008**. All students will be housed in a UT dormitory, and the costs of the dormitory and meal plan (\$500) are included in the program. Each student will be awarded a salary of \$4,000 for the summer, and some travel funds will be available to help defray the cost of traveling to Austin. Receipt of the full salary amount will be contingent upon completion of the program requirements.

WHO SHOULD APPLY? Students in their sophomore or junior years of college, with strong credentials and majoring in biology, ecology, geological sciences, civil or environmental engineering, marine science, chemistry, or any other environmentally-related discipline, are encouraged to apply. Participants must be U.S. citizens or permanent residents.

APPLICATIONS: The application deadline is February 15, 2008. Applications may be downloaded from the ESI website: www.esi.utexas.edu/research/reu

APPLICATION REQUIREMENTS:

1. Application form
 - Applicants are strongly encouraged to submit their application online using the electronic application form (in MS-Word format)
 - If you cannot use this form, you may print out the pdf version and mail it to the address below.
2. Undergraduate transcript

The University of Texas Environmental Science Institute
Summer Undergraduate Research Program in Integrated Environmental Science

3. Two letters of recommendation from faculty at the undergraduate institution

The mailed items should be sent to:

Ms. Kathleen Sebenoler
REU Program
Environmental Science Institute
The University of Texas at Austin
1 University Station C1100
Austin, TX 78712-0254
ksebenoler@mail.utexas.edu

Inquiries may be directed to Dr. Jay L. Banner, address above, or
banner@mail.utexas.edu.

**2008 Summer Undergraduate Research Program in Environmental Science
The University of Texas at Austin**

APPLICATION

First Name			Middle Initial			Last Name		
E-mail Address								
Current Address						() -		
Phone								
City			State			Zip Code		
Home (Permanent) Address						() -		
Home Phone								
City			State			Zip Code		
/ /			Date of Birth			Major		
College or university where currently registered						Major		
Current GPA (out of 4.0 scale)						/ /		
Expected Graduation Date								

Race / Ethnicity:

- African American
- American Indian
- Asian
- Caucasian
- Hispanic
- Other

Resident Status:

- US citizen
- Permanent Resident

You are not required to give us race / ethnicity information. This program is funded by a grant from the National Science Foundation, and the information is used only to assess demographic reach of the program.

The University of Texas Environmental Science Institute
Summer Undergraduate Research Program in Integrated Environmental Science

Fields of Interest (select 1 or 2):

- Geology / Climate History
- Hydrogeology
- Ecology / Biology
- Microbial Ecology
- Geographic Information Systems
- Marine Science
- Environmental Engineering

Describe any specific laboratory experience, field experience, or skills you have from coursework, job, research, etc. (the text box will expand as needed):

Briefly describe your post-graduate plans and your career goals:

The University of Texas Environmental Science Institute
Summer Undergraduate Research Program in Integrated Environmental Science

Indicate any specific interests within environmental science.

Please indicate if you will be the first in your family to graduate from college

- Yes
 No

References: List name, address, telephone and email of the two people who have agreed to send letters of recommendation:

First Name	Last Name	E-mail
Address		() - Phone
City	State	Zip Code

First Name	Last Name	E-mail
Address		() - Phone
City	State	Zip Code

The University of Texas Environmental Science Institute
Summer Undergraduate Research Program in Integrated Environmental Science

Personal Statement: Write a one page, double-spaced statement explaining why you wish to participate in environmental science research and how such research experience would help you attain your career goals. Feel free to comment on your strengths, motivation, activities and accomplishments.

A large, empty rectangular box with a thin black border, intended for the student to write their personal statement. The box occupies most of the lower half of the page.

The University of Texas Environmental Science Institute
Summer Undergraduate Research Program in Integrated Environmental Science

_____/_____
Signature (*typing your full name above indicates signature*) Date

Your complete application consists of this application form, your official college transcript (an unofficial copy may be sent with this application, but the official copy must be received prior to admission to the program), and two letters of evaluation. We encourage applicants to send all of their material electronically. All non-electronic documents can be sent to:

Ms. Kathleen Sebenoler
REU Program
Environmental Science Institute
The University of Texas at Austin
1 University Station C1100
Austin, TX 78712-0254
ksebenoler@mail.utexas.edu

ALL MATERIALS MUST BE RECEIVED BY FEBRUARY 15, 2008!

2008 Summer Undergraduate Research Program in Environmental Science

THE UNIVERSITY OF TEXAS AT AUSTIN

Request for Reference

Name of Applicant _____

To the respondent: The student listed above is applying to participate in a full-time summer research experience offered by the Environmental Science Institute at The University of Texas at Austin. Participants will be trained in laboratory and field techniques, attend weekly seminars and professional development activities, work on individual research projects under the supervision of a faculty mentor, and participate in multiple field excursions. We seek academically talented and motivated undergraduates, especially those who are interested in a research career. Previous research experience is not essential.

We would appreciate having your judgment of the student's academic ability, motivation, and potential for conducting research.

Please send the letter to the address below by FEBRUARY 15, 2008. Electronic submission is encouraged.

Ms. Kathleen Sebenoler
The University of Texas at Austin
Environmental Science Institute
1 University Station C1100
Austin, TX 78712-0254
ksebenoler@mail.utexas.edu

2008 Summer Undergraduate Research Program in Environmental Science

THE UNIVERSITY OF TEXAS AT AUSTIN

Request for Reference

Name of Applicant _____

To the respondent: The student listed above is applying to participate in a full-time summer research experience offered by the Environmental Science Institute at The University of Texas at Austin. Participants will be trained in laboratory and field techniques, attend weekly seminars and professional development activities, work on individual research projects under the supervision of a faculty mentor, and participate in multiple field excursions. We seek academically talented and motivated undergraduates, especially those who are interested in a research career. Previous research experience is not essential.

We would appreciate having your judgment of the student's academic ability, motivation, and potential for conducting research.

Please send the letter to the address below by FEBRUARY 15, 2008. Electronic submission is encouraged.

Ms. Kathleen Sebenoler
REU Program
Environmental Science Institute
The University of Texas at Austin
1 University Station C1100
Austin, TX 78712-0254
ksebenoler@mail.utexas.edu

2008 Summer Undergraduate Research Program in Environmental Science

THE UNIVERSITY OF TEXAS AT AUSTIN

Request for Reference

Name of Applicant _____

To the respondent: The student listed above is applying to participate in a full-time summer research experience offered by the Environmental Science Institute at The University of Texas at Austin. Participants will be trained in laboratory and field techniques, attend weekly seminars and professional development activities, work on individual research projects under the supervision of a faculty mentor, and participate in multiple field excursions. We seek academically talented and motivated undergraduates, especially those who are interested in a research career. Previous research experience is not essential.

We would appreciate having your judgment of the student's academic ability, motivation, and potential for conducting research.

Please send the letter to the address below by FEBRUARY 15, 2008. Electronic submission is encouraged.

Ms. Kathleen Sebenoler
The University of Texas at Austin
Environmental Science Institute
1 University Station C1100
Austin, TX 78712-0254
ksebenoler@mail.utexas.edu