

The University of Texas Marine Science Institute  
**Summer Research Experiences for Undergraduates Program: Field Experiences in South Texas Coastal Dynamics**

**OVERVIEW OF THE PROGRAM.** The Marine Science Institute (MSI) of The University of Texas at Austin announces an NSF-funded program during the summer of 2010 for undergraduates interested in marine coastal science research. Students will be trained in laboratory and field methods applied to studies of coastal marine environments and will work on independent projects under the supervision of a faculty mentor. Project areas are interdisciplinary and encompass the fields of marine geochemistry, biology, ecology, and fisheries science. Students will participate in a weekly research seminar series and professional development activities. Students will also participate in scientific excursions related to field research, including a 2-day research cruise along the Texas coast at the beginning of the program. You can expect that many activities will be outdoors and that some field trips may include camping. The summer program will conclude with a research symposium and open house hosted by the Marine Science Institute.

**SCHEDULE AND SUPPORT:** The 10-week program runs from **June 2 through August 11, 2010**. All students will be housed in a UT dormitory, and the costs of the room and board (\$2200) are paid by the program. Each student will be awarded a stipend of \$4500 for the 10-week program, and some travel funds (up to \$500 per student) will be available to help defray the cost of traveling to Port Aransas. Receipt of the full stipend 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, marine science, chemistry, or related disciplines, are encouraged to apply. Participants must be U.S. citizens or permanent residents.

**APPLICATIONS:** The application deadline is February 16, 2010. Applications may be downloaded from the MSI Web site:

<http://reu.utmsi.utexas.edu>

**APPLICATION REQUIREMENTS:**

1. Application form
  - Applicants are strongly encouraged to submit their application via email using the attached form (MS-Word document).
  - If you cannot use this form, you may print out the pdf version and mail it to the address below.
2. Undergraduate transcript
3. Two letters of recommendation from faculty at the undergraduate institution

The University of Texas Marine Science Institute  
Field Experiences in South Texas Coastal Dynamics

Hardcopies should be sent to:

Ms. Kathy Quade  
REU Program  
Marine Science Institute  
The University of Texas at Austin  
750 Channel View Drive  
Port Aransas, TX 78373  
[kathy.quade@mail.utexas.edu](mailto:kathy.quade@mail.utexas.edu)

Inquiries may be directed to Dr. Edward Buskey: [ed.buskey@mail.utexas.edu](mailto:ed.buskey@mail.utexas.edu), or to Dr. Deana Erdner: [derdner@mail.utexas.edu](mailto:derdner@mail.utexas.edu)

**2010 Summer Undergraduate Research Program in Marine Science  
The University of Texas at Austin**

APPLICATION

First Name	Middle Initial	Last Name
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E-mail Address
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Current Address	( ) - Phone
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City	State	Zip Code
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Home (Permanent) Address	( ) - Home Phone
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City	State	Zip Code
------	-------	----------

/ / Date of Birth
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College or university where currently registered	Major
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Current GPA (out of 4.0 scale)	/ / Expected Graduation Date
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**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.

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Fields of Interest (select 1 or 2):

- Marine Chemistry/Biogeochemistry
- Marine Biology/Ecology
- Fish Ecology/Physiology/Behavior

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

laboratory experience, field experience, or skills

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

post-graduate plans and your career goals

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Field Experiences in South Texas Coastal Dynamics

Indicate any specific interests within marine science. Please view the research interests of our faculty on our website: <http://www.utmsi.utexas.edu/people/faculty> for more information on current areas of research.

specific interests within environmental science
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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

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Personal Statement: Write a one page, double-spaced statement explaining why you wish to participate in marine 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.

Personal Statement

The University of Texas Marine Science Institute  
Field Experiences in South Texas Coastal Dynamics

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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 materials electronically. All non-electronic documents can be sent to:

Ms. Kathy Quade  
REU Program  
Marine Science Institute  
The University of Texas at Austin  
750 Channel View Drive  
Port Aransas, TX 78373  
[kathy.quade@mail.utexas.edu](mailto:kathy.quade@mail.utexas.edu)

**ALL MATERIALS MUST BE RECEIVED BY FEBRUARY 16, 2010!**

## 2009 Summer Undergraduate Research Program in Marine Science

### 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 Marine 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. Your recommendation will be an important factor in the decision, and we thank you for your considerable time and effort.

The deadline for receipt of references is FEBRUARY 16, 2010. Either a hardcopy or electronic copy must be received by February 16, 2010. Signed hardcopies must be sent, but will be accepted after the deadline if an electronic copy was received by February 16.

Ms. Kathy Quade  
The University of Texas at Austin  
Marine Science Institute  
750 Channel View Drive  
Port Aransas, TX 78373  
[kathy.quade@mail.utexas.edu](mailto:kathy.quade@mail.utexas.edu)



**RECOMMENDATION FORM**

**UT Marine Science Institute, 2010 Summer Undergraduate Research Program**

**APPLICANTS: PLEASE COMPLETE SECTIONS I AND II BEFORE DISTRIBUTING TO REFEREES**

**I. CONTACT INFORMATION**

Name: \_\_\_\_\_ Date of Birth: \_\_\_\_\_  
 Last or Family Name First Middle

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

Telephone Number: \_\_\_\_\_ E-mail: \_\_\_\_\_

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

**II. OPTIONAL STATEMENT**

I hereby waive my right of access to, and authorize The University of Texas at Austin to use, confidential information, including but not limited to letters, statement, and recommendations received in connection with my request for consideration for the REU program at the Marine Science Institute.

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

**III. TO BE COMPLETED BY THE RECOMMENDER**

The applicant has indicated above whether or not access to this recommendation has been waived.

1. How long have you known the applicant? \_\_\_\_\_ In what capacity? \_\_\_\_\_

2. Please rate the applicant in the areas indicated below. We are interested in your comparison of the applicant with others in a particular reference group (such as same class, all students you have taught/known/mentored). Please identify the reference group: \_\_\_\_\_

Area	Unable to Comment	Highest 3%	Highest 10%	Highest 25%	Above 50%	Below 50%
Written Communication						
Oral Communication						
Analytical Ability						
Creativity						
Commitment to Research						
Maturity						
Ability to Work with Others						
Integrity						
Leadership						

3. Letter of recommendation. Please provide your candid and detailed assessment of the application's qualifications, academic abilities, and potential. Please describe specific activities or accomplishments that demonstrate the candidate's strengths and weaknesses and their interest in marine sciences.

Name: \_\_\_\_\_

Title/Dept: \_\_\_\_\_

Institution: \_\_\_\_\_

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

Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

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