

## 2003 Research Experience for Undergraduates in Geo-Environmental Systems

School of Civil Engineering and Environmental Science  
University of Oklahoma, Norman, OK

June 2 - July 25, 2003

1. Name: \_\_\_\_\_ 2. Date of Birth: \_\_\_\_\_

3. Social Security Number: \_\_\_\_\_

4. U.S. citizen? \_\_\_\_\_ If no, are you a permanent resident of the U.S.? \_\_\_\_\_  
(NOTE: You must be a citizen or permanent resident to be eligible for this program.)

5. Permanent Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. School Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. Permanent Telephone: \_\_\_\_\_

8. School Telephone: \_\_\_\_\_

9. Permanent e-mail (if available): \_\_\_\_\_

10. School e-mail: \_\_\_\_\_

11. Name of your college or university: \_\_\_\_\_

12. Your major or concentration (must be in a B.S. or B.A. engineering or science program): \_\_\_\_\_

13. Number of credit hours you will have earned after Spring 2003 semester: \_\_\_\_\_

14. Classification (freshman, etc.): \_\_\_\_\_

15. Expected date of graduation: \_\_\_\_\_

(NOTE: Graduation date must be Fall 2003 or later to be eligible for this program.)

16. Overall grade point average (GPA): \_\_\_\_\_

17. GPA in your major (if available): \_\_\_\_\_

18. How did you learn about this opportunity? \_\_\_\_\_

### IF YOU ARE SELECTED TO PARTICIPATE IN THE 2003 REU:

Participants will receive \$2700 for eight weeks plus room, board, and travel expenses. The basic allowance will cover a double-room in university apartments and the equivalent of a basic meal plan in the university cafeteria. The allowance may be used for other housing and/or meal arrangements; however, you would be responsible for any additional costs. Your travel expenses will be paid at the cost of the lowest round-trip airfare from your home (permanent or university) to Oklahoma City, and any necessary ground transportation. All air travel will be booked by us for arrival in Oklahoma City, OK, on May 30 or June 1, and for departure on July 25 or 26, 2003. If you wish to make alternate travel arrangements, you will be responsible for any costs above this level.

19. If selected, my preference for housing would be (select one):

- University apartment, double occupancy (covered by the room and board allowance)  
 University apartment, single occupancy (will require additional personal expense)  
 Find my own housing (may require additional personal expense)



20. If selected, my preference for meals would be (select one):
- Basic cafeteria meal plan (covered by the room and board allowance)
- Obtain my own meals (may require additional personal expense)
21. If selected, my preference for traveling would be (select one):
- Lowest round-trip airfare between \_\_\_\_\_ and Oklahoma City, OK (covered)
- I will make my own travel arrangements (may require additional personal expense)

22. If selected, my top five preferences for research areas (1 = first choice; 2 = second choice, etc.) would be:  
*(refer to our website at: [www.cees.ou.edu](http://www.cees.ou.edu) (under the 'REU2003' link) for more details on research areas)*

- \_\_\_\_\_ Dr. Elizabeth C. Butler – Environmental Transformation Reactions
- \_\_\_\_\_ Dr. Tohren C.G. Kibbey – Environmental Interactions in Contaminated Unsaturated Soils
- \_\_\_\_\_ Dr. Randall L. Kolar – Environmental Modeling
- \_\_\_\_\_ Dr. Gerald A. Miller – Unsaturated Soil Mechanics
- \_\_\_\_\_ Dr. K. K. (Muralee) Muraleetharan – Geotechnical Earthquake Engineering
- \_\_\_\_\_ Dr. Robert W. Nairn – Ecological Biogeochemistry and Wetland Ecosystem Science
- \_\_\_\_\_ Dr. Mark A. Nanny – Humate-Enhanced Remediation of Petroleum Contaminated Soils
- \_\_\_\_\_ Dr. Deborah I. Nelson – Occupational Health Risk Assessment
- \_\_\_\_\_ Dr. David A. Sabatini – Surfactant-Based Environmental Technologies; Novel Adsorbents
- \_\_\_\_\_ Dr. Keith A. Strevett – Applied Environmental Microbiology
- \_\_\_\_\_ Dr. Baxter E. Vieux – Water Resources Management
- \_\_\_\_\_ Dr. Musharraf Zaman – Recycled Pavement Materials

23. You must submit the name of a faculty member who is willing to coordinate a research presentation at your current university following the REU program. This person is your Faculty sponsor.

Name of faculty sponsor: \_\_\_\_\_

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

Phone: \_\_\_\_\_

e-mail: \_\_\_\_\_

24. Attach the following four items to this application (or mail separately if you are submitting this application by email or fax):

- a. An essay (1-2 pgs., typewritten) explaining why you are interested in this program and how it will benefit you and your career goals.
- b. A detailed resume, including:
  - a description of any previous research or work experience
  - any other experience relevant to this project
  - any publications (whether or not you are the first author)
  - any scientific / technical / professional presentations (other than in-class).
  - any student scientific / technical / professional organizations you are a member of, and positions held.
- c. Two recommendation letters from your instructors. One letter must be from your faculty sponsor (see 25 above). The letters should be submitted in an envelopes which have been sealed and signed across the seal.
- d. An official transcript, including courses in which you are currently enrolled

***Women and underrepresented minorities are encouraged to apply. Screening of Candidates will begin March 3, 2003; applications will be accepted until all positions are filled.***

**Send to:** Dr. Randall L. Kolar  
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