



## RET Teacher Application

### Instructions

Complete this application

Submit a copy to Andrea Burrows at [GK12RETAPP@gmail.com](mailto:GK12RETAPP@gmail.com)

Save Your Application file name as **Your Name\_RET Teacher Application 2010**

Title the email subject as **Your Name\_RET Teacher Documents 2010**

Also include an updated resume (requirements below) saved as **Your Name- RET Teacher Resume 2010**

#### **Resume which at least includes the following:**

- 1) Teaching assignment: Grades taught and content area taught (mathematics, science or any other)
- 2) School demographics: school type (public/private), location (urban/rural/suburban), school; enrollment, and gender (male/female), ethnicity (white/black/Hispanic/others) and economically disadvantaged student distribution (give %)
- 3) Courses planning to teach in the 2009-2010 academic year
- 4) Educational background, including degree title, name of institution graduated from, and year of graduation for each degree
- 5) Teaching certification obtained and year
- 6) Occupational history and a description of special skills

#### **Also include the following documents**

(Downloaded from the website RET <http://www.eng.uc.edu/step/ret/>)

- 1) Letter from the Principal supporting the Post-RET implementation. Use the Principal Recommendation Form. Provide name, affiliation, and contact information below.
- 2) Recommendation letter from another appropriate school administrator or teacher "leader". Use the Administrator or Teacher Leader Form. Principal Recommendation Form. Provide name, affiliation, and contact information.

Have these documents mailed to:

Andrea C. Burrows  
NSF Project STEP Grant Coordinator  
5506 West French Hall  
University of Cincinnati  
PO Box 210207  
Cincinnati, OH 45221-0207

Any questions regarding the application process should be directed to Andrea Burrows

## Application

<b>Name</b>	
<b>Email</b>	
<b>Email alternate</b>	
<b>Home phone</b>	
<b>Cell phone</b>	
<b>Sex</b>	
<b>Race</b>	

<b>Personal Address</b>	<b>School Address</b>
<b>Street</b>	<b>Street</b>
<b>City</b>	<b>City</b>
<b>State</b>	<b>State</b>
<b>Zip</b>	<b>Zip</b>

**Rank the following projects in the order of your preference (1=Highest - 6=Lowest)**

Project # 1: Availability of Safe Drinking Water -

Project # 2: Making Biodiesel for Research and Education -

Project # 3: Bio-Inspired Flight -

Project # 4: Renewable Energy System -

Project # 5: Simulation-Based Impact Analysis of Signalized Intersections -

Project # 6: Applications of Nanotechnology in Health and Beauty Products -

If you do not get your first choice, are you willing to participate with any of the other choices? (Answer "Yes" or "No")

If the answer to the above question is "Yes," indicate which ones.

(Write Project # 1, Project # 5, etc.)

Are there any projects you definitely will not like to participate in? (Answer "Yes" or "No")

If the answer to the above question is "Yes," indicate which ones.

(Write Project # 1, Project # 5, etc.)

Answer the following questions, each in 100 words ( $\pm$  50 words):

1) Considering your professional performance and especially the quality of your instruction, what are your strengths and how does this benefit the students?

2) Tell about a situation in which you were very successful. What happened, what did you do, and what was the outcome?

3) What are your most effective techniques for increasing student learning?

4) What are the most important factors in establishing a long-term working relationship with students, colleagues?

5) What is your highest priority goal for post-RET implementing? Illustrate your answer using a specific classroom activity you plan to implement to achieve this goal.

If given an opportunity will you like to participate in the RET program for a second year? Answer "Yes" or "No." If the answer is "Yes," describe how do you think it will benefit you professionally and what different will you do?

**Deadline: March 5th, 2010 (The completed application and additional documents must be submitted by this date. Review process will start immediately, and be completed by March 30th, 2010). Application process will be open until all positions are filled. You will be contacted about an interview date and time.**



**Principal  
Recommendation Form  
NSF Summer Research  
Experiences for Teachers  
in “Sustainable  
Engineering for Urban  
Needs”**



**To Be Completed by the Applicant**

Name of Applicant \_\_\_\_\_

Last

First

Middle

Affiliation \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

**To Be Completed by the School Principal**

Your candid assessment of the applicant named above will greatly assist the selection committee. Your recommendation will be used to help determine whether the candidate will be selected and receive the financial benefits of the Research Experience for Teachers summer program.

Please complete the **form** on the following page. In addition to the completed form, we would appreciate a **statement** from you (optional) concerning the applicant’s scholarship, personality, character, and professional promise. Please include in the statement an assessment of the applicant’s strengths and weaknesses. You may do this on the back of this form, or you may include a separate statement on your school stationery.

After completing both pages of this form, please place it in an envelope and sign it across the seal. Then return it to the applicant, who will forward it UNOPENED to address below with the application materials. If you prefer, you may send this form directly to the address below.

Dr. Anant R. Kukreti  
Director for College of Engineering Outreach  
Department of Civil and Environmental Engineering  
University of Cincinnati  
P.O. Box 210071  
Cincinnati, OH 45221-0071  
Tel: (513) 556-4105; Fax: (513) 556-2599  
anant.kukreti@uc.edu

## Summary Evaluation

Using the chart below, please rate the applicant relative to other employees whom you have known in a similar capacity. If additional space is needed, or if you would like to add any other comments, please use the reverse side of this form.

	Not observed	Weak	Fair	Good	Excellent	Outstanding
Ability to analyze a problem and formulate a solution						
Ability to initiate instructional change						
Ability to work cooperatively with others						
Communication skills (oral and written)						
Emotional maturity						
Evidence of creativity and imagination						
Evidence of personal character and ethics						
Experimental ability						
Follow-through and commitment						
Leadership exhibited within the school						
Motivation to succeed in the summer RET program						
Potential for professional development to impact teaching performance						
Self-confidence						

*What types of support will be available from your school to implement appropriate instructional and curricular changes the applicant may want to implement as a result of this professional development experience?*

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

Name (please type or print) \_\_\_\_\_

Title: \_\_\_\_\_ School: \_\_\_\_\_

Business Address \_\_\_\_\_

Number and Street Name \_\_\_\_\_

City, State, and Zip Code \_\_\_\_\_

Telephone \_\_\_\_\_ E-mail \_\_\_\_\_



**Supporting  
Recommendation Form  
NSF Summer Research  
Experiences for Teachers  
in “Sustainable  
Engineering for Urban  
Needs”**



**To Be Completed by the Applicant**

Name of Applicant \_\_\_\_\_  
Last
First
Middle

Affiliation \_\_\_\_\_  
 Address \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_

**To Be Completed by the Person Making This Recommendation**

Your candid assessment of the applicant named above will greatly assist the selection committee. Your recommendation will be used to help determine whether the candidate will be selected and receive the financial benefits of the Research Experience for Teachers summer program.

Please complete the **form** on the following page. In addition to the completed form, we would appreciate a **statement** from you (optional) concerning the applicant’s scholarship, personality, character, and professional promise. Please include in the statement an assessment of the applicant’s strengths and weaknesses. You may do this on the back of this form, or you may include a separate statement on your school stationery.

After completing both pages of this form, please place it in an envelope and sign it across the seal. Then return it to the applicant, who will forward it UNOPENED to address below with the application materials. If you prefer, you may send this form directly to the address below.

Dr. Anant R. Kukreti  
 Director for College of Engineering Outreach  
 Department of Civil and Environmental Engineering  
 University of Cincinnati  
 P.O. Box 210071  
 Cincinnati, OH 45221-0071  
 Tel: (513) 556-4105; Fax: (513) 556-2599  
 anant.kukreti@uc.edu

## Summary Evaluation

Using the chart below, please rate the applicant relative to other employees you have known in a similar capacity. If additional space is needed, or if you would like to add any other comments, please use the reverse side of this form.

	Not observed	Weak	Fair	Good	Excellent	Outstand- -ing
Ability to analyze a problem and formulate a solution						
Ability to initiate instructional change						
Ability to work cooperatively with others						
Communication skills (oral and written)						
Emotional maturity						
Evidence of creativity and imagination						
Evidence of personal character and ethics						
Experimental ability						
Follow-through and commitment						
Leadership exhibited within the school						
Motivation to succeed in the summer RET program						
Potential for professional development to impact teaching performance						
Self-confidence						

*What types of support will be available from the applicant's school to implement appropriate instructional and curricular changes the applicant may want to implement as a result of this professional development experience?*

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

Name (please type or print) \_\_\_\_\_

Title: \_\_\_\_\_ School: \_\_\_\_\_

Business Address \_\_\_\_\_

Number and Street Name \_\_\_\_\_

City, State, and Zip Code \_\_\_\_\_

Telephone \_\_\_\_\_ E-mail \_\_\_\_\_