



## DISCOVER & IMMERSE YOURSELF IN A CULTURE ENVIRONMENT OF CUTTING-EDGE SCIENTIFIC RESEARCH

UT Southwestern Medical Center is one of the world's foremost research institutions with four active Nobel laureates, more than any other medical school in the world, 16 members of the National Academy of Sciences, and 19 members of its Institute of Medicine. We have more than 2,500 research projects under way and are leading the way in a new era of scientific discovery in the 21st century.

**Objective:** Each summer, the STARS Program at UT Southwestern Medical Center offers opportunities for teachers to work one-on-one with faculty researchers on an investigative project in a laboratory setting. The purpose of this program is to provide teachers the opportunity to perform biomedical research as a way to help bring new ideas to the classroom and to rekindle their interest in science. Teachers will be matched with a faculty mentor with similar interests and will work on a laboratory research project during the course of the summer. As part of the program, participants will develop a classroom activity related to their research experience and give an oral presentation at the conclusion of the summer session.

**Eligibility:** The program is open to any **secondary science teacher (grades 7-12) currently employed in the state of Texas**. Participants will be selected based upon classroom performance, enthusiasm, and a willingness to develop and incorporate new ideas into the science curriculum. Applicants with 3-5 years teaching experience and little to no previous research experience are particularly urged to apply. Each applicant will be required to submit an application detailing the expected benefits of the program and a letter of recommendation from their principal. Teachers will also be interviewed as part of the selection process.

**Compensation:** The eight-week program will begin on **June 8th and end on July 31, 2009**. This program is a **FULL TIME (M-F, 8hrs/day)** commitment and will require a considerable amount of time and effort on the part of the participants, therefore, no other major activities should be planned for the duration of the program. A **stipend of \$4500** will be paid to each teacher, plus \$250 for classroom supplies for their participation in the program.

**How to apply:** Teachers must provide a completed application form, essay, and letter of recommendation from your principal.

**APPLICATIONS AVAILABLE AT [WWW.UTSOUTHWESTERN.EDU/STARS](http://WWW.UTSOUTHWESTERN.EDU/STARS)**

**Application materials must be POSTMARKED and/or received by  
4p.m. on Friday, Feb. 6, 2009.**

If you would like to obtain an application or need additional information please visit our website at [www.utsouthwestern.edu/stars](http://www.utsouthwestern.edu/stars) or contact:

STARS Summer Research Program for Teachers  
UT Southwestern Medical Center at Dallas  
5323 Harry Hines Blvd.  
Dallas, TX 75390-9137  
(214) 648-9505  
Fax (214) 648-9508  
[STARSmal@UTSouthwestern.edu](mailto:STARSmal@UTSouthwestern.edu)



Summer Research Program for Teachers  
**The University of Texas Southwestern Medical Center at Dallas**

**Instructions:** Complete the form below. Be sure to include all requested information. In order for your application to be considered you must include all of the items listed at the end of this form. **This application and all supporting documents must be postmarked by 4 pm on Friday, Feb. 6, 2009.** All applicants will be notified in writing as to whether or not they have been accepted. Final selections will be based on strength of application and personal interview.

**Personal Information** (Please type or print)

Name		Social Security Number	Date of Birth
Street Address		City, State, Zip	
Home Phone	Summer E-Mail Address		Marital Status <input type="checkbox"/> Single <input type="checkbox"/> Married
<input type="checkbox"/> Native-born or naturalized citizen  <input type="checkbox"/> Permanent resident ("green" card)  <input type="checkbox"/> Other _____ If "other," do you have authorization for work? Y / N			<b>Ethnicity:</b> For HR purposes only. <input type="checkbox"/> White, not Hispanic <input type="checkbox"/> Black or African-American <input type="checkbox"/> Hispanic <input type="checkbox"/> Native American/ American Indian <input type="checkbox"/> Asian-American/ Pacific Islander <input type="checkbox"/> Other (please describe)

**Education**

Degree Earned	Year	College / University	Major

**Professional Information**

School Name	School District	School Phone
School Address	City, State, Zip	
Supervisor's Name / Position	Teaching Certification Field(s)	

**Teaching Experience** (Most recent assignment first)

Assignment (Subjects)	Dates	School / City / State

Total years of teaching experience \_\_\_\_\_

**Other Work or Other Relevant Experience (Including Similar Summer Programs)**

Company or Institution	Dates	Brief Description of Work

Have you previously applied to the Summer Research Program? \_\_\_\_\_ If so, when? \_\_\_\_\_

**Please include the following items with your completed application form.**

**Essay:** In no more than two, double-spaced pages, describe the **professional** and **personal benefits** that you expect to receive by participating in this program. Explain how you might **integrate** your experiences in a research laboratory into your classroom teaching methods.

**Short Answer: Please COPY question and answer on separate sheet of paper.**

- 1) What do you feel are some of the most important needs in science education at your middle/high school?
  
- 2) What role do you see for laboratory experiences for students in science at the middle or high school level?
  
- 3) What role do you see for inquiry-based labs for students in science at the middle or high school level?
  
- 4) Describe, in a concise manner, your teaching philosophy.

**Letter of Recommendation:** Include a letter of recommendation from your principal on official school letterhead. The letter should describe your capabilities as a teacher, discuss your character traits, and give specific reasons why you are well suited for participation in this program.

**All application materials must be postmarked by 4pm on Friday, Feb. 6, 2009.**

If you choose to submit your application via fax, be sure to also submit the original documents by mail.  
Postmarked by Feb. 6, 2009.

**Completed applications and any inquiries should be directed to:**

STARS Summer Research Program for Teachers  
UT Southwestern Medical Center  
5323 Harry Hines Blvd.  
Dallas, Texas 75390-9137  
214-648-9505  
Fax 214-648-9508  
STARSmal@UTSouthwestern.edu