

Nancy E. Street, Ph.D.  
Associate Dean

Office of the Dean

September 21, 2010

Dear Colleague:

Greetings from Dallas, Texas! I am writing to tell you about two summer undergraduate research programs at UT Southwestern Medical Center at Dallas. For the 18<sup>th</sup> consecutive year, UT Southwestern Graduate School of Biomedical Sciences is sponsoring the **Summer Undergraduate Research Fellowship (SURF) Program**. The goal of SURF is to give students an intensive, 10-week, research experience in a world class research environment. Students immerse themselves in the laboratory and work on individual research projects with UT Southwestern Graduate School faculty. Most areas of modern Cancer Biology, Cell Biology, Molecular Biology, Biochemistry, Immunology, Microbiology, Neuroscience, and Pharmacology are represented. In addition to research, SURF provides seminars, GRE prep, social events and an end-of-program poster session. We have increased the number of fellowships for SURF to 75. The SURF website and on-line application can be found at [www.utsouthwestern.edu/SURF](http://www.utsouthwestern.edu/SURF).

For the seventh year, we are also sponsoring the **Quantitative and Physical Science Summer Undergraduate Research Fellowship (QP-SURF) Program**. This program, initially funded by a NIGMS training grant and now funded internally, will accept **10 students** who are earning their undergraduate degrees in the field of Mathematics, Computer Science, Physics, or Chemistry. The goal of QP-SURF is to give students an intensive, research experience and demonstrate to students in the physical and quantitative sciences how their knowledge and skill sets are applied in a biomedical research setting. QP-SURF students would carry out their 10-week research project in a Biophysics, Computational Biology, or Quantitative/Analytical Chemistry laboratory. QP-SURF students also participate in seminars, GRE prep, social events and an end-of-program poster session. The program website and on-line application for QP-SURF can be found at [www.utsouthwestern.edu/QP-SURF](http://www.utsouthwestern.edu/QP-SURF).

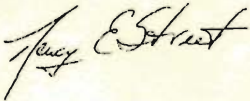
Both summer programs will run from June 6<sup>th</sup> through August 12<sup>th</sup>, 2011. Participants will be selected based on their essays, letters of reference, and course work. The stipend for the 10-week program is \$4,000. If a fellow requires housing, the costs will be covered by the program; however, fellows are responsible for paying their own travel expenses. **Our application deadline is February 9, 2011.** Please post the SURF and QP-SURF fliers and announce these summer programs to students who have indicated interest in a research career and might wish to apply. The value of this summer opportunity is great for those interested in careers in research. Previous fellows have been enthusiastic about their experience; most have enrolled in excellent Ph.D. or M.D./Ph.D. programs.

If you would like me to email these fliers to you for electronic distribution, it would be my pleasure to do so. Simply email me at [nancy.street@utsouthwestern.edu](mailto:nancy.street@utsouthwestern.edu) with your email address. **Also, please be advised that as of November 8, 2010, my new phone number will be 214-633-1312.** As always, I would be happy to answer any questions you or your students might have about our summer research opportunities.

I am also including our latest Division of Basic Science PhD program brochure. It includes a description of our newest PhD program (**Cancer Biology**) as well as our three emphasis that can be added to any of our nine PhD programs (**Computational and Systems Biology, Mechanisms of Disease and Translational Science, and Pharmacological Sciences**).

Best wishes for a great Fall 2010!

Sincerely,



Nancy E. Street, Ph.D.  
Associate Dean, UT Southwestern Graduate School of Biomedical Sciences

# SUMMER UNDERGRADUATE RESEARCH FELLOWSHIPS

*in*

*Biological Chemistry*

*Biophysics*

*Cancer Biology*

*Cell Regulation*

*Chemistry*

*Developmental Biology*

*Genetics*

*Immunology*

*Integrative Biology*

*Mechanisms of Disease*

*Microbiology*

*Molecular Biology*

*Neuroscience*

*Pharmacology*



## Graduate School of Biomedical Sciences

---

### **OBJECTIVE**

To provide an intensive research training experience that leads to an understanding of the planning, discipline, and teamwork involved in the pursuit of basic answers to current questions in the biological sciences. Fellows will pursue individual research projects under the direction of a member of the graduate school faculty. Lectures and seminars by faculty members will supplement the research experience.

### **ELIGIBILITY**

Applicants must be enrolled in a science degree program at the undergraduate level and have completed the sophomore year. Criteria used in selecting fellowship recipients will include college grades, relevant experience, and letters of recommendation from faculty who can assess the applicant's potential for advanced training and success in biological research.

### **SALARY AND TENURE**

Each fellowship award carries with it \$4,000 in support for the 10-week period beginning June 6, 2011 through August 12, 2011. This support is taxable and is the mechanism used by the university to pay SURF students for their training. If a fellow requires housing, the costs will be covered by the program; however, fellows are responsible for paying for their own travel expenses and will not be reimbursed by the SURF Program. Complete details about the SURF program can be found at [www.utsouthwestern.edu/SURF](http://www.utsouthwestern.edu/SURF).

### **HOW TO APPLY**

The SURF application is available on-line at [www.utsouthwestern.edu/SURF/SURFapp](http://www.utsouthwestern.edu/SURF/SURFapp). Completed applications should be submitted by February 9, 2011. In addition to submitting the on-line application, official transcripts and reference letters must be received through the mail by February 9, 2011.

### **FOR ADDITIONAL INFORMATION**

Contact the Office of the Dean, Southwestern Graduate School, The University of Texas Southwestern Medical Center at Dallas, 5323 Harry Hines Blvd., Dallas, TX 75390-9004, (214) 648-2352, [SURF@utsouthwestern.edu](mailto:SURF@utsouthwestern.edu).

# QUANTITATIVE AND PHYSICAL SCIENCES SUMMER UNDERGRADUATE RESEARCH FELLOWSHIPS

*in*

*Biophysics*

*Computational Biology*

*Quantitative and Analytical Chemistry*

*Systems Biology*



## Graduate School of Biomedical Sciences

---

### **OBJECTIVE**

To provide an intensive research training experience that leads to an understanding of the planning, discipline, and teamwork involved in the pursuit of basic answers to current questions at the interface of quantitative science and basic biomedical research. Fellows will pursue individual research projects under the direction of a member of the graduate school faculty. Lectures, journal clubs and seminars by faculty members will supplement the research experience.

### **ELIGIBILITY**

Applicants must be enrolled in a physics, computer science, mathematics, or chemistry degree program at the undergraduate level and have completed the sophomore year. Criteria used in selecting fellowship recipients will include college grades, relevant experience, and letters of recommendation from faculty who can assess the applicant's potential for advanced training and success in research that integrates quantitative and biomedical science.

### **SALARY AND TENURE**

Each fellowship award carries with it a \$4,000 salary for the 10-week period beginning June 6, 2011 through August 12, 2011. This support is taxable and is the mechanism used by the university to pay QP-SURF students for their training. If a fellow requires housing, the costs will be covered by the program; however, fellows are responsible for paying for their own travel expenses and will not be reimbursed by the QP-SURF Program. Complete details about the QP-SURF program can be found at [www.utsouthwestern.edu/OP-SURF](http://www.utsouthwestern.edu/OP-SURF).

### **HOW TO APPLY**

The QP-SURF application is available on-line at [www.utsouthwestern.edu/QP-SURF/OP-SURFAPP](http://www.utsouthwestern.edu/QP-SURF/OP-SURFAPP). Completed applications should be submitted by February 9, 2011. In addition to submitting an on-line application, official transcripts and reference letters must be received through the mail by February 9, 2011.

### **FOR ADDITIONAL INFORMATION**

Contact Nancy Street, QP-SURF Director, Southwestern Graduate School, The University of Texas Southwestern Medical Center at Dallas, 5323 Harry Hines Blvd., Dallas, TX 75390-9004, (214) 648-2352, [QP-SURF@utsouthwestern.edu](mailto:QP-SURF@utsouthwestern.edu).