

Summer Undergraduate Research Experience (SURE) at Emory University

Atlanta, GA
May 26 – July 31, 2009

**VISITING
Student Application**

Please Post

PROGRAM DESCRIPTION

The Center for Science Education's Summer Undergraduate Research Experience (SURE) allows undergraduate scientists to conduct supervised research with a faculty mentor. Students are trained in the research methods applicable to their research plan, analyze their data, and create written and oral presentations of their results. At the end of the summer, each participant takes part in a formal research symposium. Panels of faculty and graduate students help explore mentoring issues, and make recommendations on how to choose a graduate program and how to balance work and family responsibilities. Speakers address their own involvement in science careers and the requirements for success in their fields. Weekly ethics discussions allow students to explore the ethical aspects of research careers. Awards for popular science essays [optional submission] and scientific posters are made at the end of the program. Approved posters and essays will be published through our program web site. SURE is sponsored by the Howard Hughes Medical Institute, with assistance from the Graduate Division of Biological and Biomedical Sciences, the SIRE program (Emory College) and individual contributions by research mentors.

AWARDS

SURE Fellows will receive a \$3,500.00 stipend in return for 10 weeks of participation. Campus housing is provided as part of the award. On-campus housing allowances are not transferable to students to choose to live off-campus. Participants are eligible for travel assistance should they present their poster at professional meetings. All applicants will be notified of their final status by April 15, 2009.

STUDENT RESPONSIBILITIES

- dedicate approximately 40 hours/week for 10 weeks to their research projects
- participate in all weekly seminars, workshops, discussion groups and activities as scheduled
- post a research prospectus on the third week of the program
- routinely consult the updated online program schedule
- present a poster during the SURE poster symposium
- complete a program evaluation
- participate in laboratory meetings, journal clubs, safety training, and other such academic activities as requested by the mentor
- update program organizers of future academic developments for program assessment purposes

MENTOR RESPONSIBILITIES

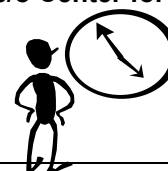
- communicate expectations to the student (work hours, how performance will be evaluated, share laboratory protocols)
- help define the student's project goals and deadline
- meet with the student at least every other week to provide feedback and guidance on the progress of the student's project
- offer guidance and constructive criticism while the student prepares his/her poster or talk for the end-of-program symposium
- designate additional contacts within the laboratory or department to assist the student if the mentor is temporarily unavailable
- attend the poster session

VISITING APPLICATION COMPONENTS AND DEADLINE

- completed application form. See mentor listing for available research areas (list is available on our program website)
- web form, available via <http://www.cse.emory.edu/SURE>
- course transcript (may be unofficial)
- two-page essay explaining why you are interested in participating in research
- letter of support from a science mentor who can comment on your potential as a scientist

All materials must be delivered by 5 p.m., February 4, 2009 to:

SURE 2009
c/o Center for Science Education
Emory University
1399 Oxford Rd.
Atlanta, GA 30322



For additional program information, visit <http://www.cse.emory.edu/SURE>

SURE Program

Application Guidelines for VISITING (non-Emory) applicants

- PRINTED APPLICATION FORM:** The printed application form is reviewed by the selection committee. Please provide all requested information and ensure the text is legible.
- We will **contact you** at whichever addresses you indicate. We will use the e-mail account for early notification purposes. Acceptance letters will be mailed when selections are made. To update your contact information, email cquinon@emory.edu. Please note that by “campus mailing address” we mean the address at which you receive US mail during the spring semester, and not your university’s official street address.
 - Our program draws funds from a variety of sources, and total funding available determines how many students we can place each year. Please note that you cannot be paid twice for the same period of work, e.g., be paid by your own institution AND by the SURE program. However, your home institution may support your work in part or in full, so that your award is complete (\$3500 stipend + campus housing). If your home institution can partially or fully support your participation, note this in your application essay.
 - We cannot support international students at this time, with the exception of students attending Georgia institutions that belong to the ARCHES Consortium. If you are an international student and your home institution would offer you a stipend to participate and process all necessary INS paperwork, please contact the SURE program (contact information below) for additional information.
 - SURE fellows are expected to attend all program activities, assigned weekly ethics group discussions, and laboratory meetings or journal clubs as determined by the research mentor. If you accept a SURE fellowship, you agree to work full-time (with research-related program and laboratory activities counting towards that “full time” status). Although we sympathize with the academic pressures faced by our participants, enrollment in MCAT/GRE/LSAT training programs should not interfere with attendance to program activities. We strongly discourage SURE participants from enrolling in summer classes (exceptions are granted only for special cases). At current time, it is not possible for us to award research credit hours for SURE participation.
 - Successful applicants are offered campus housing (shared double-occupancy room). If you reside in the Atlanta area, you are still eligible for campus housing. SURE participants may choose to live off-campus, however, we cannot offer financial support for such housing arrangements. If you have alternative off-campus housing arrangements, please indicate you will not require campus housing. If you are chosen to participate and accept to attend our program, you agree to abide the same Emory College student conduct guidelines that are applicable during the academic year. Violation of these guidelines will result in termination, and referral to other College units for follow-up as needed.
- WEB FORM:** Please do not use “creative” spelling when completing the web form (all caps, no caps, no punctuation, etc.), as this makes you look unprofessional.
- ESSAY:** How does a summer research experience relate to your future career plans? Why come to Emory for ten weeks this summer? What do you hope to accomplish, and what will you contribute to your host laboratory and to our program? These are some of the questions we’d like to see addressed in your essay. Please allow 1 to 1.5 spaces between lines, 0.75” minimum margins all around, and a font size of 10 or larger. Your name should appear on each essay page. The essay should be 2 pages long, maximum.
- COURSE TRANSCRIPT:** We use your course transcript to confirm that you have the necessary background to succeed in our program. The transcript need not be official. However, the transcript must include your name as part of the original printout, and must be generated by your institution (i.e., a typed course and grade listing that you create using a word processor will not be acceptable). You can submit a list of courses currently in progress if your transcript does not include such information.
- THE LETTER OF SUPPORT:** You should request a letter of support from a science mentor, supervisor or instructor who can talk about your potential as a future scientist. We ask for ONE letter of recommendation only. The reviewers will only see one letter; additional letters will be discarded during the filing process. If you have multiple potential letter writers, please respect their time by only requesting one letter, from your most solid recommender. Give your letter writer a copy of our program’s description, and at least 2 weeks of advance notice. Confirm that the letter has been mailed around 10 working days before the due date (if the letter has not been sent yet, this will serve as a reminder). If there are things you wish to address that don’t “fit” anywhere else, let your letter writer know.

➔ If you have any questions about your SURE application, please contact Dr. Cathy Quiñones at cquinon@emory.edu or at (404) 727-3439. Extensive program information is available at <http://www.cse.emory.edu/SURE>

<h2 style="text-align: center;">SURE 2009 Application</h2> <p style="text-align: center;">For applicants NOT enrolled at EMORY UNIVERSITY</p> <p style="text-align: center;"><i>Remember to fill out the web form at http://www.sciencenet.emory.edu/SURE/</i></p> <p>NOTE: All items marked with an asterisk (*) must be filled</p>	* Campus Mailing Address:	* Permanent (Home) Address:
	* Campus Phone: ()	* Permanent Phone: ()
	* Effective dates for above campus contact information:	* Effective dates for above permanent contact information:
* E-mail Address:		
<input type="checkbox"/> Check box if you check this address at least weekly.		
* Effective dates for e-mail address above:		
APPLICANT'S NAME & CONTACT INFORMATION	RESEARCH INTERESTS: List your mentors and/or research areas of interest (your top choice should appear in line #1; e.g., Dr. J. Jones, Pathology)	
* Last Name:	* 1.	
* First Name:	* 2.	
* Middle Initial:	* 3.	
* Current College/University:	* 4.	
PERSONAL INFORMATION: This information is voluntary and refusal to provide it will not subject you to any adverse treatment. This information will be kept confidential and will be used only in accordance with Title VI of the Civil Rights Act of 1964 and Title IX of the Education Amendment of 1972. Emory University's Office of the Registrar will require this information in order to process all fellowship awards; our office uses this information to track program application trends.		
Ethnicity: <input type="checkbox"/> African-American/Non-Hispanic <input type="checkbox"/> American Indian <input type="checkbox"/> Asian or Pacific Islander <input type="checkbox"/> Hispanic <input type="checkbox"/> White/Non-Hispanic <input type="checkbox"/> Other:		
Place of Birth (Town, State and Country):		Gender: <input type="checkbox"/> Female <input type="checkbox"/> Male
Date of Birth (Month/Day/Year):		<i>For office use only:</i>
Are you a US Citizen? (yes/no):		If not, of what country are you a citizen?:
If not a US Citizen, indicate visa type:		
ACADEMIC INFORMATION:		
* What is your expected graduation date (month/year):		
* By June 2009, your total credit hours will make you a: <input type="checkbox"/> 1 st year <input type="checkbox"/> sophomore <input type="checkbox"/> junior <input type="checkbox"/> senior		
* What is your major?:		* What is your minor?:
* What is your overall GPA?:		* What is your GPA for all science courses?:
RESEARCH PROGRAM INVOLVEMENT: This information is requested to avoid funding conflicts that may jeopardize undergraduate research programs at our institution and yours. Specifically, an individual should not be paid twice for a given period of research experience. This information will only be relevant in the event of an award; participation or lack thereof will not affect the review of your application to the SURE program.		
* You are participating in a research program at your home institution that is funded by the U.S. government (Examples of such programs are M.A.R.C. and M.B.R.S.): <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> not sure		
* Name of the program:		
* Please provide the name, phone number and e-mail address for the person that runs this program at your home institution:		
* Will you receive pay from this program during the summer months: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> not sure		
AVAILABILITY & HOUSING NEEDS: given that SURE will run from May 26 – July 31, 2009:		
* Will you be available for the duration of the program (see above)? <input type="checkbox"/> yes <input type="checkbox"/> no [explain below]		
* Explain any conflicts with our start/end dates, if applicable:		
* Are there any periods (5+ days) during the program when you would not be able to participate? If so, when?		
* Will require campus housing?: [on-campus, shared double occupancy room] <input type="checkbox"/> yes <input type="checkbox"/> no		
IN ADDITION TO THIS FORM, you also must submit the following:		← All application components are due at our office by 5pm, February 4, 2009: SURE / Center For Science Education Emory University 1399 Oxford Rd.. Atlanta GA 30322
<input type="checkbox"/> web application form, available at http://www.cse.emory.edu/SURE/		
<input type="checkbox"/> transcript (may be unofficial)		
<input type="checkbox"/> letter of recommendation from a science mentor		
<input type="checkbox"/> essay on why you wish to participate in our program (2 page maximum)		