



INTERNATIONAL LIFE SCIENCE RESEARCH EXPERIENCE

SC LIFE

SC LIFE UNDERGRADUATE RESEARCH PROGRAM

As part of the SC LIFE Project, we again have the ability to send one undergraduate student for an international life science research experience over the summer of 2010. This research experience would be arranged by the student and the SC LIFE faculty member in collaboration with the international partner. SC LIFE through HHMI will provide up to \$5000 for travel and support. Last year's recipients were Monique McKiever and Thomas Niemeier. Thomas spent his summer in Johannesburg, South Africa in the laboratory of Dr. Valerie Mizrahi working on the genetic mechanism of drug resistance in *Mycobacterium tuberculosis*, while Monique spent her summer in Lisbon, Portugal working in the laboratory of Dr. Maria Manuel Mota on determining which host factors inhibit or benefit the growth of the causative agent of malaria.

International partners can be a HHMI International Scholar or faculty with whom the SC LIFE faculty member has a collaboration or relationship. Students can also search lab placements with HHMI Scholars on the web site: www.hhmi.org/cgibin/scientist_search/search.pl?it=INTERNATIONAL&x=34&y=12.

We are asking faculty to help identify students who would benefit from such an experience, including possible international matches (when a student is chosen we will go forward with setting up a match.) If you have an exceptional student who you believe would benefit, please bring this opportunity to their attention. If a student is interested, by November 15 they must submit the following to Julia Frugoli (jfrugol@clemson.edu):

- (1) A statement by the student of why they wish to pursue this opportunity. This must include:
 - a. A brief description of any previous international experience (include dates) and languages spoken
 - b. A brief description of previous research experience (include dates)
- (2) 2 letters of recommendation
- (3) A copy of the student's transcript
- (4) Information on the potential international match:

If the student proposes to work with a non-HHMI Scholar:

- a. A statement describing the potential match and research area
- b. Contact information for both the sponsoring faculty, the proposed placement faculty and the student

OR

If the student proposes to work with a HHMI Scholar:

- a. A list of up to five HHMI Scholars from the HHMI web site
- (5) a completed excel file "information form" (will be provided)

(NOTE: Students should not contact the International Scholars directly. HHMI will make the initial inquiries with the selected Scholars on behalf of the students, and then arrange to place students in the labs HHMI chooses).

A student will be selected by Dr. Barbara Speziale by January so that there will be time to set up the interaction. Criteria for selection include the interest of student in a research career, previous research experience, maturity, and academic achievement. Preference for the Clemson nomination will be give to students supported by SC LIFE and HHMI preference is for students who have previously engaged in independent research, are beyond their freshman year, and are majoring (as appropriate) in a life science, chemistry, or physics.

Contact Julia Frugoli, 656-1859/jfrugol@CLEMSON.EDU, with questions or for additional information.

APPLICATIONS DUE, NOVEMBER 15, 2009!

Visit www.clemson.edu/SCLIFE to learn more about our other education and outreach programs. SC LIFE is supported by \$5.4 million in awards from the Howard Hughes Medical Institute since 1998.

