

**Furman University Chemistry REU
Visiting Team Application for Summer 2010**

(Please note that the proposal to fund this program is pending at NSF. Positions cannot be awarded until funding is confirmed.)

Visiting Team Information

Faculty Member Name and Title: _____

Address: _____

Phone: _____
Fax: _____
Email: _____
Cell (opt): _____

Student Name: _____

Email: _____

Class (Fr, So, Jr, etc): _____

Cell: _____

I confirm that I am U.S. Citizen or Permanent Resident (Student signature required)

Project Title: _____

Project Description:

Special Circumstances (see guidelines):

Disclaimer: I will spend 8-10 weeks at Furman University conducting research and supervising my student. I have read the statement of program goals and expectations and I intend to participate in the program activities as fully as I am able. Signed: _____

Furman University Chemistry REU Application Guidelines, Program Details and Expectations

The Research Experiences for Undergraduates (REU) program is designed to provide undergraduate students with an authentic research experience. The Furman Chemistry REU program is different from every other chemistry REU site in the country in that it seeks not only to provide an outstanding summer experience for students, but also to enhance the undergraduate research infrastructure as a whole. *The key to this effort is the involvement of faculty from the student's home institution.* For this reason, the Furman Chemistry REU program only accepts applications from faculty/student teams.

Application Guidelines

An application to the Furman Chemistry REU site is initiated by an *interested faculty member* rather than by a student. The faculty member should identify one or two students from their home institution to form a research team. Note that the students **must** be U.S. citizens or permanent residents who will not have received a four-year degree prior to December 2010.

Visiting teams are welcome to either come to Furman with their own research project or to contact a Furman faculty member to inquire about developing a collaborative project. A formal or informal relationship with a Furman research group can be useful for a visiting team and is therefore encouraged.

The visiting mentor (and the Furman collaborator, if identified) should provide contact information, a project title and a brief description of the research proposed for the student(s). Depending on the nature of the collaboration, the research description for the visiting team and the Furman team may be identical, complementary, or simply tangentially related.

Various special circumstances may be noted that can strengthen the application. Some of these are listed below, but other factors may also be included if the teams feel this will help to make their case. Examples of special circumstances include:

- **The participation of students from groups identified by NSF as under-represented.** The Furman Chemistry REU site strongly encourages the participation of minority students and faculty and such participation will be viewed very favorably by the application review committee. (Please note that NSF-funded students must be U.S. citizens). While women are not considered to be under-represented in the REU program, we also encourage their participation.
- **The participation of students that might not otherwise be able to participate in a summer research program.** This includes rising Freshmen and Sophomores, students from 2-year colleges, and others. *As the program is focused on younger students, rising Seniors are generally ineligible for stipend support*, though they may participate in all program activities if they are supported from another source. Students that have previously participated in the Furman REU site are also ineligible for stipend support in subsequent years.

- **Co-funding from other sources.** In some cases, stipend support for visiting faculty or students may be supplemented from other sources, such as supplements to existing grants, or support from the visiting faculty members home institution. Co-funding can help us to increase the support available for other faculty participants, may allow a team to include a student that is ineligible for support through the REU program, or to support additional visiting teams. The REU Program Director will be happy to assist with efforts to obtain co-funding.
- **A clear commitment by the home institution to support the research project into the academic year.** Such support might include academic credit for students conducting research, a commitment of laboratory space for research, or support for supplies.

Program Details and Expectations

All program participants are expected to devote at least 10 weeks of the summer to conducting research and are expected to participate in the various REU activities during the summer. These include:

- A seminar by visiting speakers.
- Weekly program luncheons.
- Pre- and post-summer surveys
- Follow-up assessment activities
- Furman's annual Corporate Luncheon
- A special REU outreach activity

In addition, we encourage participate in the Department's spring poster session, held on Furman's campus in April of each year. We also encourage participation at the Southeast Regional Meeting of the American Chemical Society or another professional meeting. Furman will assist with the cost of *student* attendance at the Southeast Regional meeting. Should another meeting be more appropriate, travel funds may be available for student travel to that event instead.

Students will receive a stipend of \$4000 for the summer and a \$1000 housing supplement. Housing at the Furman University North Village apartment complex is available for approximately \$1500 for the summer. Visiting faculty mentors are guaranteed a stipend of \$7000 and will receive a housing supplement if funds are available. Faculty coming to Furman with stipend support from other sources will receive a prorated stipend to be negotiated with the site director. In addition, the REU program will provide at least \$1000 per student for supplies.

Questions or concerns about the Furman REU program should be directed to:

Professor Timothy Hanks
 Director, Grand Challenges REU Program
 Department of Chemistry
 Furman University
 Greenville, SC 29613
 Phone: 864-294-3373 Email: Tim.Hanks@Furman.edu