

Oak Ridge CSE Fellowship Program

January 2008

The goal of the fellowship program is to support bright doctoral students performing innovative research in the computational science and engineering discipline. The program is especially intended to foster increased research collaboration between researchers at Georgia Tech and Oak Ridge National Laboratory. As such, Georgia Tech faculty and ORNL staff wishing to initiate joint research projects are especially encouraged to apply. We anticipate two awards will be made for the 2008-09 academic year.

Key Dates

- April 18, 2008: Fellowship nomination applications due
- May 12, 2008: Fellowship awards announced
- August 2008: Fellowship begins

Eligibility

- The student nominated for the program must be enrolled full-time in a doctoral degree program at Georgia Tech for the duration of the fellowship. Students enrolled in, or admitted and planning to join Georgia Tech's PhD program in Computational Science and Engineering are especially encouraged to apply.
- The student must be nominated by two individuals: one individual's primary faculty appointment should be with Georgia Tech, and the other individual's primary appointment should be with ORNL.
- It is anticipated that the student will be engaged in research in the computational science and engineering discipline, broadly defined. Specific areas of particular interest include high performance computing, modeling and simulation, numeric and geometric computing, and information discovery and visualization of large and/or complex data sets.

Support

- The program provides financial support for the student as a graduate research assistant for one year; it is anticipated that the student will be co-supervised by the nominators.
- Students may apply for continued support each year, for up to two additional years.
- Students are encouraged to utilize at least one semester to be resident at ORNL, e.g., as a summer intern working on the project.

Nomination Package

A nomination package should include the following:

- A cover letter identifying the student being nominated as well as the Georgia Tech and ORNL faculty/staff members nominating the student.
- A CV of the student being nominated, including a list of publications or other evidence of academic achievement, especially related to the proposed research area. For new students that have accepted admission to the program, a copy of the student's graduate school application materials is sufficient.
- A brief statement up to one page by the student describing his or her research interests.
- A one-page statement prepared by the nominators discussing the general area proposed for the student's research, problem(s) it is envisioned the student will study, and the general plan of activities (e.g., internships) for the year.

Nomination Procedure

Please forward an electronic copy of all fellowship materials via email to Lometa Mitchell (lometa@cc.gatech.edu).

Additional Information

For additional information concerning this program, contact either:

- Richard Fujimoto, CSE Division, Georgia Tech (fujimoto@cc.gatech.edu) or
- Thomas Zacharia, Computing and Computational Sciences Directorate, Oak Ridge National Laboratory (zachariat@ornl.gov)