Dear Prospective Applicant,

The graduate degree program in Scientific Computation encompasses course work and research on the fundamental principles necessary to use intensive computation to support research in the physical, biological, and social sciences and engineering. There is a special emphasis on research issues, state-of-the-art methods, and the application of these methods to outstanding problems in science, engineering, and other fields that use scientific computation, numerical analysis and algorithm development, symbolic and logic analysis, high-performance computing tools, supercomputing and heterogeneous networks, and visualization. The Scientific Computation program offers an interdisciplinary path of formal course and examination requirements toward a Ph.D. or M.S. degree, and this path should also be augmented by a strong participation in one of the more traditional disciplinary departments.

The Scientific Computation program has more than 40 faculty in 16 different departments associated with it. Their research fields and areas of interest cover a vast variety of issues, methods and applications. Faculty and students have access to excellent computing facilities including the latest supercomputers, which can be, used for both research and education purposes.

We accept students with undergraduate degrees in many fields. We carefully review all parts of your application including your transcripts and the academic institutions you have attended, your GRE scores (if applicable), your letters of recommendation, your relevant past experience, your personal statement, and any other submissions, such as published papers, that you may wish to send us. We take all of the above factors into account in an attempt to accurately rate your potential for success in our graduate program. We are especially interested in the research potential of Ph.D. applicants.

We accept applications from qualified candidates from both the U.S. and abroad. There are no minimum GRE scores but International students must attain a TOEFL score of at least 550/213.

The Scientific Computation Graduate Admissions Committee will try to assist prospective students in obtaining support. Possible types of support include fellowships, research assistantships, and teaching assistantships. Some types of support include a twelve month stipend, tuition coverage, and a comprehensive health benefits package. Applications for Fall Semester support (which is the best time to begin course work) must be complete by January 1 in order to be considered as fully as possible for all types of support. Later applications will be less competitive for some types of support.

After reading this letter, we hope that you have a better understanding of the admissions and financial aid situation of our program. If you decide to apply, we will look forward to receiving your application package and we will process it as quickly as possible.

We are pleased that you are interested in our graduate program and hope that you will find it an appropriate match for your goals and aspirations.

Sincerely,

Graduate Admissions Committee