



SAN DIEGO STATE
UNIVERSITY

**Computational Science
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Subject: Open PhD Positions in Computational Science in Southern California

The San Diego State University/University of California, Irvine Interdisciplinary Ph.D. Program in Computational Science is committed to reaching out to all qualified students and to increasing access for talented but financially challenged individuals. UCI and SDSU campuses are recognized as Hispanic Serving Institutions offering a welcoming and supportive environment. We are looking for students with strong backgrounds in mathematics, physics, chemistry, computer science, or engineering. That is why I am reaching out to you to share information on our program and invite you to apply.

Admitted graduate students are offered a range of financial assistance options while they are pursuing advanced degrees, including Teaching, Graduate, and Research Assistantships and Fellowships. Please check our website for details regarding the doctoral program and the application process. We have 20 positions available. Website: <http://www.csrc.sdsu.edu/csric/doctoral.html>.

The Interdisciplinary Ph.D. Program in Computational Science is aimed at training scientists and engineers who will create advanced computational methods and tools to model and solve challenging problems at the intersections of scientific disciplines. The doctoral program offers coursework and research in a broad range of subjects that develop expertise in Mathematical Modeling and Scientific Computing with applications to a variety of disciplines - Biological Science, Earth Science, Engineering Science, Health, Physical and/or Chemical Science. Students master powerful tools to utilize in tackling challenging research problems in their chosen fields.

The proximity of the universities and the strong ties of the faculty to local industry (that includes Biomedical, Communications, Engineering, and Defense, Healthcare, and Entertainment) provides numerous opportunities for students to interact with researchers from industry and get hands-on experience working on real life problems. In addition, the region's challenges in water, environmental safety, security and seismic risk often provide numerous challenging problems of relevance for future graduate students and researchers. Finally, the program's strong ties to U.S. National Laboratories across the country means that students have the opportunity to engage in research during the summer at institutions like Lawrence Berkeley, Sandia, Los Alamos, and Argonne National Laboratories.

We look forward to receiving your application. Should you need any help with the process, do not hesitate to contact us.

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