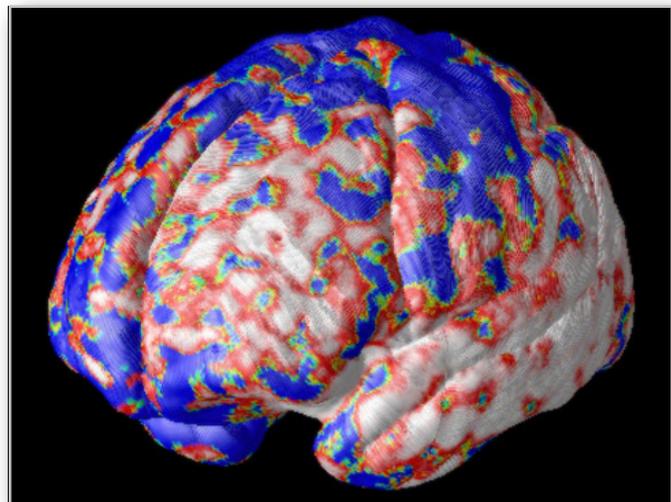


Call for Postdoctoral Researchers

The Center for Computational Biology is looking for bright, enthusiastic, experienced and research-oriented postdoctoral researchers. All CCB fellows work closely within our multidisciplinary team of faculty and researchers in developing new scientific methods and computational software tools to support our modeling, visualization and analysis needs.



Qualifications

A. Computational Science

1. Develop new and extend existing techniques for shape representation and analysis.
2. Optimization/Discretization approaches for computational modeling.
3. Develop new meta-algorithms for data processing and analysis.
4. Present, communicate and disseminate knowledge, tools and expertise.
5. Close interaction with intramural and extramural collaborators and researchers.

B. Computational Tools

1. Design, prototyping, analysis and testing of new computational algorithms.
2. Analyze and optimize code through improved resource management, multi-threading/parallelization, structure modification.
3. Provide support to researchers, programmers and administrative staff of the Center.
4. CVS/SVN management
5. General hardware and software support of the Laboratory and the Center.
6. Tool packaging and dissemination.

Requirements

- PhD, MD, or equivalent, in mathematics, engineering, statistics, computer science or a related field.
- Minimum 3 years extensive experience with Java, C++, Matlab, Mathematica or similar programs.
- Excellent working knowledge of UNIX, LINUX, Mac and PC.
- Excellent team and independent environment working skills.
- Excellent background in mathematics, statistics, software design, code distribution and image processing.
- Excellent analytical skills and the ability to quickly gain an understanding of complex systems and tools.
- Strong written and verbal communication.

To Apply

Please send your resume to applications@loni.ucla.edu. Include a cover letter describing your relevant expertise and research interests with your resume as well as other materials that may help us better understand your objectives in your job search and why LONI/CCB might be the place for you. *Principals only please.*