Applicants are invited for a post-doctoral position at Yale University. The position is for 2 years with possible extensions. The choice of project would to some degree depend on the applicant’s interests and abilities, though it is expected that the research will be purely computational. Broadly, active structural bioinformatics projects include the identification of functionally important sub-sets of residues within protein structures (such as allosteric sites or drug-binding sites), predictions of the impacts of cancer-associated SNVs on protein architectures and functions, integrating protein structural information as an added layer on PPI networks, and the development of web tools and software to aid in macromolecular structural analyses. For specifics, see lab research areas. A step-by-step guide to learning about the lab for prospective postdocs is available.

The ideal applicant would have a PhD in bioinformatics, chemistry, physics, biophysics or a related field. However, any background with strong training in another area of science (e.g., CS or biology) would also be appropriate. He or she would be very skilled in programming and using the computer to solve problems (e.g. experience with C/C++, R/matlab, python/perl, SQL, HTML/java and so on).

Contact information is available here. Applicants are requested to send a CV that includes a list of publications and details of 3 references. Normal e-mail is OK for all correspondence. However, copies of official documents may be necessary in paper form.