

Computational Biologist I

The laboratories of Dr. Ralph DeBerardinis at Children's Research Institute (<https://cri.utsw.edu/scientists/ralph-deberardinis-laboratory/>) and Dr. Chao Xing at McDermott Center for Human Growth and Development (<https://labs.utsouthwestern.edu/bioinformatics-lab>) at University of Texas Southwestern Medical Center at Dallas solicit applications for Computational Biologist I.

Experience & Education Required

1. Master's or Doctor's degree in Bioinformatics, (Bio)statistics, Computer Science, or Genetics.
2. Experienced with Linux.
3. Experienced with scripting languages such as R and Python.
4. Experience with whole exome and whole genome sequencing data preferred.

Position Details

We employ whole exome and whole genome sequencing to identify pathogenic variants in patients and families. The genomic analyses are integrated with metabolomics and functional experiments performed in the DeBerardinis and Xing labs to validate the significance of the genetic variants. We seek highly motivated individuals with strong problem-solving skills to develop, implement and apply innovative approaches for analyzing high throughput genetic and genomic data.

1. Perform professional work in support of scientific research using technical knowledge of software, software development, networking, and/or hardware in a complex computing environment.
2. Perform complex data analysis related to specialized research methodologies and results as assigned.
3. Develop and/or modify software to support new and ongoing research projects.
4. Develop and maintain complex databases to support new and ongoing research projects.
5. Performs other duties as assigned.

Interested individuals should send a CV, cover letter briefly describing previous research experience and current research interests, and list of three references to:

Ralph DeBerardinis ([Ralph.deberardinis@utsouthwestern.edu](mailto:Ralph.deberardinis@utsouthwestern.edu)) &  
Chao Xing ([chao.xing@UTSouthwestern.edu](mailto:chao.xing@UTSouthwestern.edu))

UT Southwestern Medical Center at Dallas is an equal opportunity employer.

**Southwestern Medical School**

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