

Graduate students– Guo lab

No expiring date

Job Summary

Dr. Hongchao Guo's laboratory is looking for graduate students to work in his lab in the Nora Eccles Harrison Cardiovascular Research and Training Institute (CVRTI) at the University of Utah, Salt Lake City. The research interests of the Guo lab focus on deciphering the genetic mechanisms underlying cardiovascular diseases and cardiac development. The Guo lab has an interdisciplinary research environment, including molecular and cellular biology, cardiac physiology, genetics, human stem cell biology, and bioinformatics. We employ cutting-edge technologies including CRISPR screening, single-cell sequencing, human 2D and 3D stem cell models, and animal studies to gain broader insights into the genetic understanding of normal and pathological heart function with the ultimate goal of identifying innovative treatments and diagnostics for patients.

We seek self-motivated graduate students with strong organizational and communication skills to join our enthusiastic, collaborative, and creative team in an outstanding scientific environment. This is an ideal opportunity for recent college graduates who wish to gain hands-on research experience in the biological sciences. We also highly support their career development. If you are interested in, please be sure to send your CV, research experience, career goals, and the names and contact information of two references to Dr. Hongchao Guo at hongchao.guo@hsc.utah.edu.

Qualifications:

- The applicant holds a bachelor's degree in Biology, Chemistry or other scientific discipline or equivalency required;
- The successful applicant should have good communication skills, excellent organizational skills, prioritization skills, time management skills, and a strong work ethic.
- The successful applicant should have the ability to manage multiple priorities simultaneously, to interact positively and collaborate with all levels of staff, and to work efficiently.

Essential Functions:

- The graduate students will take on responsibilities which include performing independent research projects or working with postdoc on their research projects
- The graduate students will keep accurate records of lab work/data and participate regularly in weekly lab meetings.