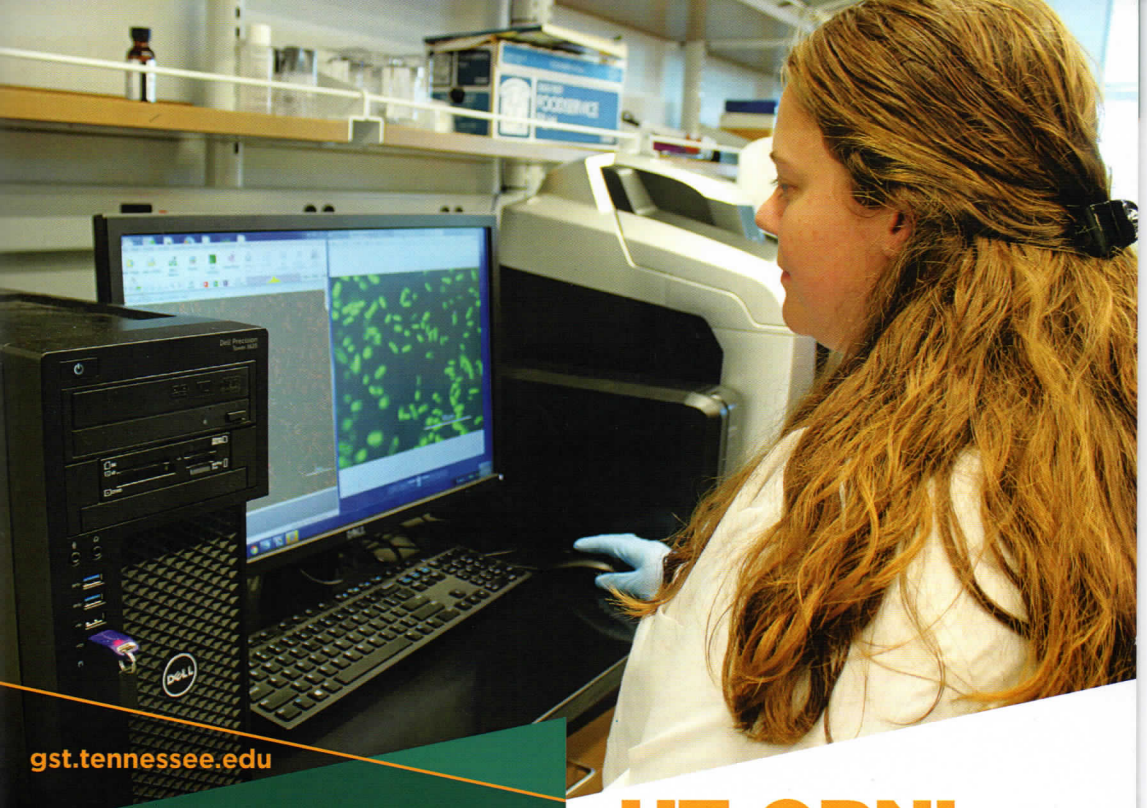


gst.tennessee.edu

The hallmark of the UT-ORNL Graduate School of Genome Science and Technology (GST) is the exposure of trainees to two distinct research environments: a national lab and the flagship campus of a public university.

UT-ORNL

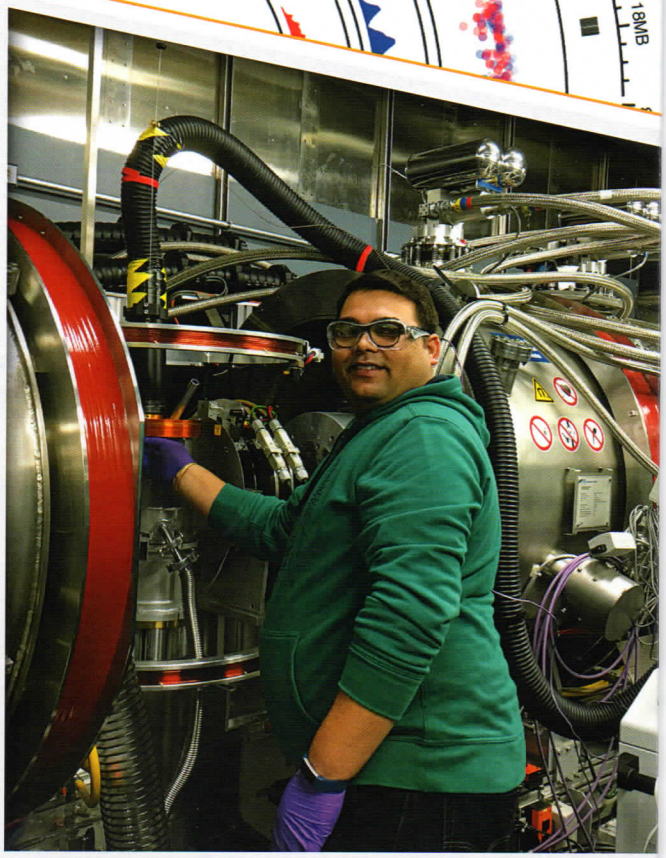
Graduate School of Genome Science and Technology

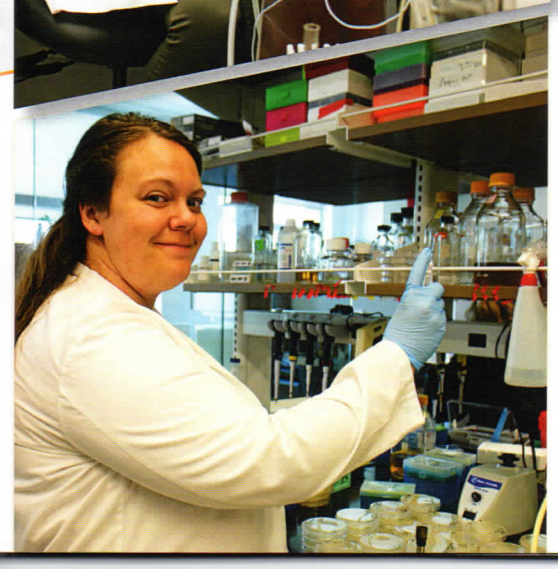
ARTS & SCIENCES

Explore our program!

The participation of more than 70 faculty-level scientists offers a wide range of scientific approaches and mentoring styles.

GST hosts between 40 and 50 PhD students. The program emphasizes training in computational science in order to accelerate both wet-lab and dry-lab research tracks.





Research Areas

- **Genetics and Systems Biology**
- **Computational Biology & Bioinformatics**
- **Computational Molecular Biophysics**
- **Structural Biology**
- **Analytical Technologies**

- Establish a foundation in the domains of life sciences and bioinformatics
- Interactive community, emphasizing team approaches

Highlights

- Emphasis on professional development
- Diverse range of biological subject areas:
  - *Biomedical science*
  - *Plant and microbial science*
  - *Proteomics and genomics*
  - *Structural biochemistry*

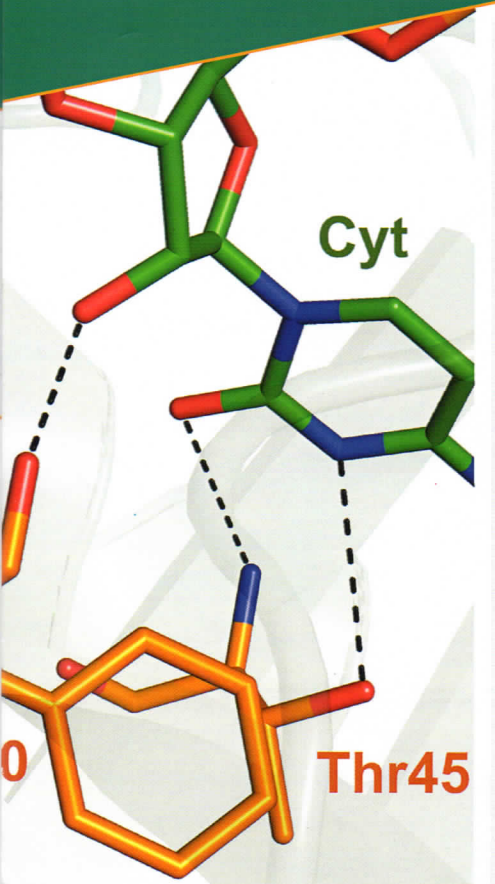
“GST is truly an interdisciplinary graduate program that provides unique learning and research opportunities between a university and a national laboratory.”

Chongle Pan (’06)
Associate Professor
University of Oklahoma at Norman

“I knew I wanted to be in the GST program when we toured Oak Ridge National Laboratory (ORNL) where the Titan, Cray® XK7 supercomputer is housed. The opportunity to work in high-performance computing during my time in GST has been pivotal in my career.”

Sally R. Ellingson (’14)
Assistant Professor
Division of Biomedical Informatics
University of Kentucky College of Medicine
Manager of High-Performance Computing Initiatives, Markey Cancer Center

UT-ORNL Graduate School of Genome Science and Technology



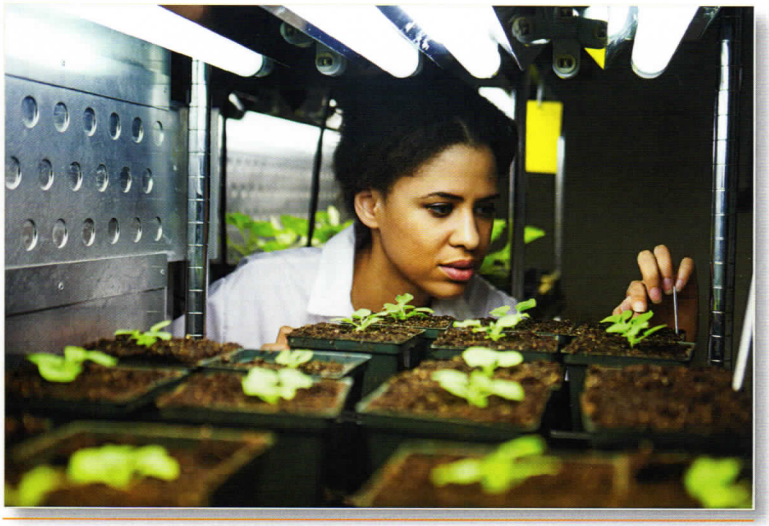
DISTINGUISHING CHARACTERISTICS

- Dissertation advisors from two campuses:
  - » **Oak Ridge National Laboratory**
  - » **The University of Tennessee, Knoxville**
- Unique research infrastructure:
  - » **Spallation Neutron Source**
  - » **Leading-edge supercomputing facilities**
- Training in computational science
- Experimental, computational, and 'hybrid' dissertation projects
- PhD in Life Science with a specialization in Genome Science and Technology

GST welcomes students with a solid undergraduate training in the biosciences, physical sciences, or computational sciences. A master's degree is not required to enter the PhD track.

THE UNIVERSITY OF TENNESSEE, KNOXVILLE

» Mid-size metropolitan area » Urban campus setting » Attractive cost of living
» Competitive stipend » Scenic natural environment
» Target date for applications: **JANUARY 15**



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THE UNIVERSITY OF TENNESSEE KNOXVILLE
COLLEGE OF ARTS & SCIENCES

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