

Postdoctoral fellowships available in large data processing and visualization

The STIM Laboratory is a new research group in the Department of Electrical and Computer Engineering at the University of Houston. We have open positions for postdoctoral fellows interested in image processing and visualization of large (multi-terabyte) data sets.

This work will focus on developing new methods for disease diagnosis, with a particular focus on cancer imaging. Funding is available to support fellowships for up to four years.

<http://stim.ee.uh.edu/personnel/available.shtml>

Location:

The University of Houston is classified as a “Tier One” (Carnegie RU/VH) research university, and is one of four major research universities in Texas. We are located in central Houston, which is the fourth largest city in the United States and a central player in both energy and biomedical research. Houston is currently the top city in the U.S. for job creation, and is home to more than 20 Fortune 500 companies. We have a strong industrial and academic research focus, including both NASA and the Texas Medical Center, which is the largest medical center in the world.

Qualifications:

- * Completed a doctoral degree in computer engineering, computer science, or related field, with research experience in visualization and image processing (including data mining, visualization, and machine learning).
- * Demonstrate a strong potential for successful interdisciplinary research. We are currently focused on developing methods for collecting and processing large-scale images of tissue using serial microscopy and mid-infrared spectroscopic imaging. This will require extensive collaboration with clinical colleagues at the nearby Texas Medical Center, including the MD Anderson Cancer Center.
- * Willingness to provide support to both undergraduate and graduate students through mentoring and collaboration.
- * Proficiency in both written and oral English.

The University of Houston is an Equal Opportunity / Affirmative Action institution. Minorities, women, veterans and persons with disabilities are encouraged to apply. Additionally, the University prohibits discrimination in employment on the basis of sexual orientation, gender identity or gender expression.

Application:

Interested scientists can contact me directly or send their CV and a description of their research interests to stim@uh.edu.