



Senior Research Technician
THI Pathology Services
(FT-R 170090)

COMPANY SUMMARY

The mission of the Texas Heart® Institute is to reduce the devastating toll of cardiovascular disease through innovative programs in research, education and improved patient care. Texas Heart® Institute is a nonprofit organization founded by Dr. Denton A. Cooley in 1962.

Texas Heart® Institute is a nonprofit organization in the truest sense. Unlike most institutions that have a source of operating revenue, Texas Heart® Institute relies solely on government grants, research contracts and, above all, philanthropy. In fact, donations from grateful patients, foundations, corporations, physicians, and the general public account for more than half of the Institute's annual operating budget.

For more information, please visit our website at www.texasheart.org

POSITION SUMMARY

The Senior Research technician supports investigators, project managers, study directors and the direct of cardiovascular pathology conducting cardiovascular research requiring necropsy procedures, histology procedures and digital image analysis.

PRIMARY RESPONSIBILITIES

- Assist with the operation of the Image Pro® analysis system for morphometric data collection and light microscopy evaluation which will be used by the pathologist for final analysis.
- Create photographic montages via adobe® Photoshop and editing final pathology reports which includes the data produced from the image analysis system.
- Assist with the operation of the JEOL JSM-6460LV scanning electron microscope. Process and scope samples for low vacuum electron microscopy. Keep proper documents for the electron microscope for good laboratory practice (GLP) studies such as usage log, maintenance records, and validation protocol and reports. Assist with editing final pathology reports with the data produced from the scanning electron microscope.
- Assist in the support of on-going studies conducted at the Texas Heart Institute by assisting with the maintenance of the necropsy facility for pre-arranged and spontaneous procedures.
- Assist with the grossing of tissue, gross photography, and x-rays.
- Assist with the operation maintenance of general lab equipment, such as daily temperature checks, weekly and monthly equipment calibrations; including maintaining the appropriate record for each equipment. Also assist with the preparation of basic, working laboratory reagents.
- Assist with maintaining compliance for Food and Drug Administration's (FDA) good laboratory practice (GLP) studies. Such as generation and maintenance of standard operating procedures (SOPs) for the laboratory and the development of system validation protocols and reports.

QUALIFICATIONS AND EDUCATION REQUIREMENTS

- Bachelor's Degree in Science is required
- Must be able to demonstrate verbal understanding of the nature of preclinical animal research
- Experience in a basic laboratory setting is preferred
- Proficient computer skills and aptitude is required.
- Basic knowledge of digital cameras, scanners and microscope is preferred
- Working knowledge of Word, Excel, Photoshop and PowerPoint is preferred.

HOW TO APPLY

All qualified candidates please submit your resume to: careers@texasheart.org with subject title "Sr Research Tech – THI Pathology"