



Office of the Vice President for Research and Economic Development

Awards for Summer 2008 Initiative for Research Infrastructure

The Vice President for Research and Academic Development is happy to announce the awarding of over \$580,000 for eleven projects to enhance research infrastructure at UNT. These funds supplement funds from departments, centers, schools, and colleges for a total investment of over \$1.1 million.

As outlined in the original solicitation in May, proposals were judged based upon the following criteria. The proposals:

- serve more than one faculty,
- are multi-disciplinary,
- are crucial to meet the goals of existing externally-funded research projects,
- will lead to bigger and better proposals and new funding from external sources, and
- are critical to UNT's mission.

These awardees are expected to improve the research productivity of their collaborators, and enhance the graduate and undergraduate research experience. Listed as follows are each lead applicant chosen to receive an infrastructure award, followed by department, project title, award from VPR office, and estimated total project cost:

- Michael R. Gibson, Design – Render Farm Computer Hardware (VPR's contribution: \$98,345.60, Total: \$198,345.60).
- Xinrong Li, Electrical Engineering – Environmental Monitoring Infrastructure at Discovery Park for Environmental, Energy and Sensor Network Research (VPR: \$33,373, Total: \$47,675).
- Brian O'Connor, School of Library and Information Sciences – Ultra-High Resolution Imaging System (VPR: \$23,288, Total \$33,288).
- Kris Chesky, Instrumental Studies – Portable Motion Analysis System (VPR: \$21,000, Total: \$30,000).
- William E. Moen, Texas Center of Digital Knowledge, School of Library and Information Sciences – TxCDK Graduate Student Workstations (VPR: \$17,733, Total: \$25,733).
- Barney Venables, Biological Sciences – Lyophilizer (VPR: \$20,000, Total: \$30,000).
- Amy Murrell, Psychology – Digital Streaming Video Recording and Data Storage Equipment (VPR: \$58,650, Total: \$98,650).

- Arup Neogi, Physics – Ultrafast Near-Infrared Optical Spectroscopy System for Electronic, Photonic, and Biological Materials (VPR: \$62,875, Total: \$141,547).
- Mohammad A. Omary, Chemistry – High Pressure Analyzer (VPR: \$99,342.50, Total: \$198,685).
- Rebecca Dickstein, Biological Sciences – Tabletop Scanning Electron Microscope (VPR: \$47,835, Total: \$79,725).
- Weston T. Borden, Chemistry - Upgrading CHEM 321 to a Computer Server Room (VPR: \$100,000, Total: \$233,400).