

# CSE beats odds, receives three NSF 2003 Information Technology Research grants

In the three years the Information Technology Research (ITR) Program has existed, competition for funding has been stiff. Only a small percentage of applicants to the National Science Foundation-supported program have received research grants, with 2003 being especially long on applicants and short on available funds.

That's why news that the Department of Computer Science and Engineering (CSE) had received three ITR grants for 2003 was particularly pleasing. Gruiia-Catalin Roman, chair, said he was elated that junior faculty members were among researchers receiving ITR funding.


"A new generation of talented young researchers is building a strong collaboration with the senior members of the department and, in the process, defining a new, innovative research agenda likely to impact generations of students," Roman said. "These highly competitive grants are indicative of the developments whose foundation was laid by five years of uninterrupted growth and unprecedented investments in computer science and engineering."

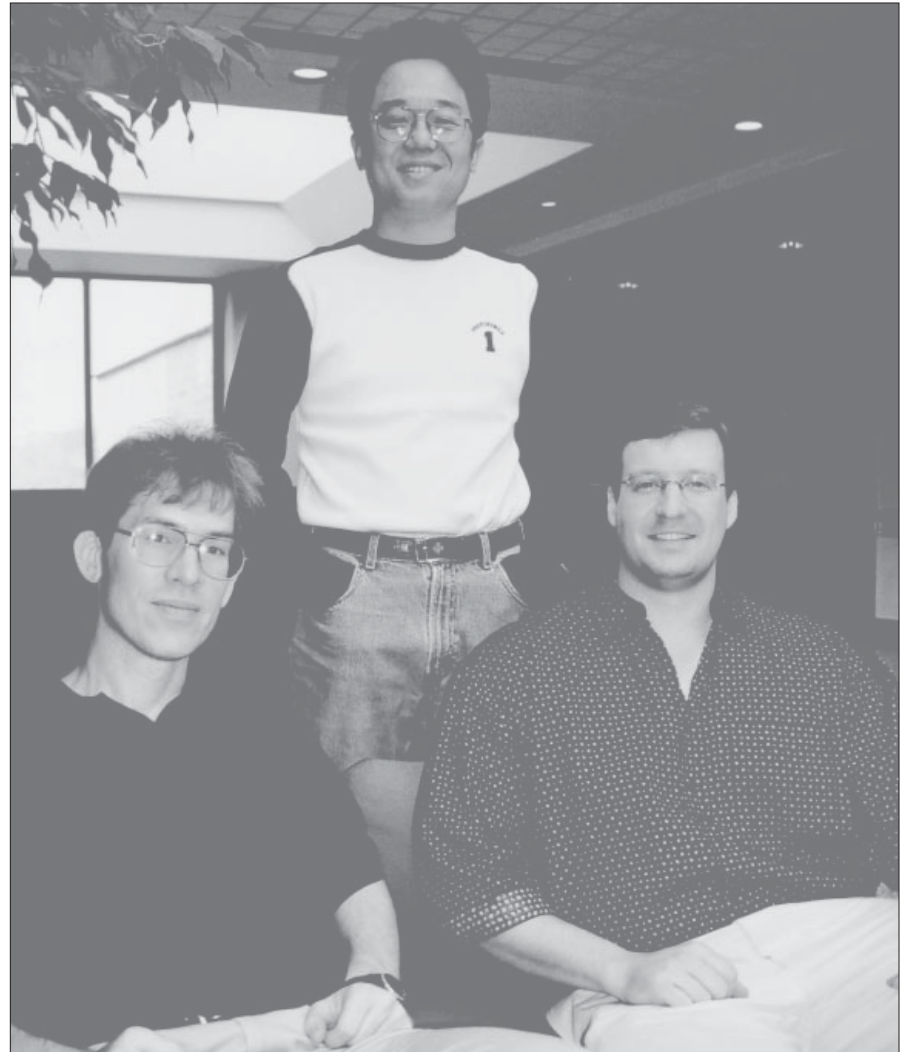
The National Science Foundation began the ITR Program to enhance the positive effects of information technology (IT), especially by expanding research programs and increasing the number of high-quality trained personnel in the field. The program's stated directive is "to fund innovative, high-payoff research, which explores new scientific, engineering and educational areas in IT."

The following CSE studies received ITR funding for 2003. All funding is for three years.

- "High-Performance Configurable Hardware Using Liquid Architecture," \$494,779. Ron Cytron, professor; Roger Chamberlain, associate professor; and Jason Fritts and John Lockwood, assistant professors.
- "Technologies for Dynamically

Extensible Networks," \$2,100,000. Jonathan Turner, the Henry Edwin Sever Professor of Engineering, and John Lockwood, assistant professor.

- "Spatiotemporal Protocols and Analyses for Wireless Sensor Networks," \$499,779. Chenyang Lu, assistant professor, and Gruiia-Catalin Roman, professor and chair. 



*Three junior faculty members of the Department of Computer Science and Engineering are taking part in studies that received highly competitive Information Technology Research funding from the National Science Foundation. From left, assistant professors John Lockwood, Chenyang Lu and Jason Fritts.*