SCHOOL OF ENGINEERING AND APPLIED SCIENCES

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Department of Computer Science and Engineering

LEADING ACADEMIC EXCELLENCE

- **CHUNMING QIAO NAMED CHAIR, COMPUTER SCIENCE AND ENGINEERING**

New Chair, New Vision

The School of Engineering and Applied Sciences is delighted to announce the appointment of Chunming Qiao as the new chair of the Department of Computer Science and Engineering.

A Fellow of the Institute of Electrical and Electronics Engineers (IEEE) for his "contributions to optical and wireless network architectures and protocols," Qiao's pioneering research on Optical Internet, in particular, the optical burst switching (OBS) paradigm, is internationally acclaimed. In addition, his work prior to 2000 on integrated cellular and ad hoc relaying systems (iCAR) is recognized as the harbinger for today's push towards the convergence between heterogeneous wireless technologies. It has been featured in BusinessWeek and Wireless Europe, as well as on the websites of New Scientists and CBC.

His current research expertise and educational interests are in the areas of cyber-physical systems such as transportation systems, survivability and reliability in networks and datacenters, and smartphone systems and applications. He has graduated 26 PhD students, including two NSF CAREER Award recipients.

"Chunming's scientific leadership and enthusiasm for scholarship across the disciplines will be great assets as we continue to strengthen the department in research and education in the coming years," said Liesl Folks, Dean, School of Engineering and Applied Sciences.

Qiao's research contributions have resulted in more than 300 papers in leading peer-reviewed technical journals and conference proceedings; several have received best paper awards. His h-index is over 60 and he is ranked among the top 100 authors in computer science in the field of communications and networks, according to Microsoft's academic ranking. His research has been funded by the National Science Foundation, DoD, Alcatel-Lucent, Cisco, Fujitsu Labs, Google, NEC Labs, Nokia Research, Nortel, Sprint Advanced Technology Lab, and Telcordia, among others.

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