



Indiana University  
School of Informatics

TENURED FACULTY LEADERSHIP POSITION IN INFORMATION SECURITY

The Indiana University School of Informatics seeks to appoint an outstanding scholar, teacher, and institution-builder at the full or associate professor rank in the area of security informatics.

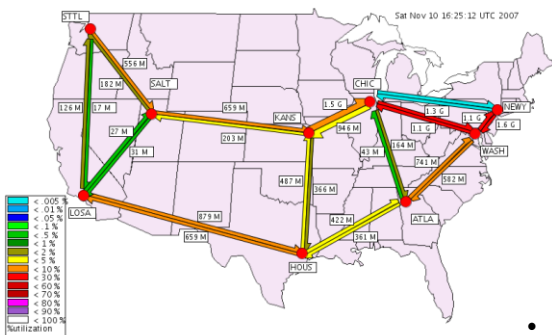
The successful candidate will join an interdisciplinary Informatics security group with broad-based expertise ranging across the cybersecurity spectrum, and a collaborative focus on the special challenges of security in pervasive computing, the usability of security tools in distinct social and organizational contexts, and policy and legal issues about information security and privacy.

Over the past decade, under the leadership of President (and former CIO and Vice President of Information Technology) Michael A. McRobbie, Indiana University has invested significantly in cybersecurity research, education, and practice:



National Center of  
Academic Excellence in  
Information Assurance Education

- The School of Informatics has dedicated seven new faculty lines to this effort, and is currently conducting a search to fill an eighth new faculty line in information security law and policy. The Informatics security group works closely with colleagues in Informatics as well as faculty from the Schools of Business, Engineering, Journalism, Law, Library and Information Science, Medicine, Public Health, and Science, and the College of Arts and Sciences, on the Bloomington and Indianapolis campuses.
- The University has established a formidable capability in operational cybersecurity. Its IT Policy and Security Offices were among the first in the nation, and their staff provides national leadership in this field, for example, as members of the Executive Committee of the EDUCAUSE/Internet2 Task Force on Network and Systems Security.



- As home to the Network Operations Center for Internet2 and the landing sites for numerous transatlantic and transpacific research networks, the University has brought its cybersecurity expertise to bear on one of the largest collection of research networks in the world. Indiana University is also home to “Big Red,” one of the most powerful university-owned computers in the U.S. and one of the 50 fastest supercomputers in the world.

- Indiana University’s \$30 million Pervasive Technology Labs include the Advanced Network Management Laboratory, which develops tools and techniques for detecting, studying, and preventing cyber attacks.
- In 2003, the University established the Research and Education Network Information Sharing and Analysis Center, under an agreement with the federal government. The REN-ISAC gathers

and disseminates information, facilitates communication, and develops best practices about vulnerabilities, threats, intrusions, and anomalies affecting higher education.

- The University's Center for Applied Cybersecurity Research works to enhance information security by providing a focal point for IU's diverse cybersecurity research and education initiatives, and a bridge between those efforts and IU's wide range of cybersecurity practitioners as well as external researchers, business and community leaders, policymakers, and the press.
- In 2007, Indiana University was designated a *National Center of Academic Excellence in Information Assurance Education*.

This search seeks an exceptional faculty member to help lead Informatics' cybersecurity research and education efforts and advance them to the next level of prominence and success. Candidates should have a Ph.D., a strong scholarly publication record, demonstrated success in attracting competitive

funding from the NSF and other sources, a commitment to teaching and mentoring, excellent communications skills, and both experience and interest in developing a cutting-edge, collaborative, interdisciplinary program.



The School of Informatics offers excellent work conditions, including attractive salaries and research support, low teaching loads, and world-class computing and library facilities. Located in the rolling, wooded hills of southern Indiana, Bloomington is a thriving college town with excellent cultural resources and a moderate cost of living.

Applicants are invited to apply by sending a statement of interest and curriculum vitae to Professor Fred H. Cate, Distinguished Professor, Director of the Center for Applied Cybersecurity Security Research, and Chair of the Search Committee, at [infosear@indiana.edu](mailto:infosear@indiana.edu). Review of applications will begin in late November and continue until the position is filled. *Indiana University is an Equal Opportunity/Affirmative Action employer.*

November 10, 2007