

# Yi Chen

**Henry J. Leir Chair in Healthcare and Associate Professor at New Jersey Institute of Technology**

Newark, NJ, US

Professor Chen focuses on cutting-edge database, data mining and machine learning techniques with applications in business and health care

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## Biography

Yi Chen is a professor and the Henry J. Leir Chair in Healthcare in Martin Tuchman School of Management, with a joint appointment in Ying Wu College of Computing at New Jersey Institute of Technology (NJIT). Prior to joining NJIT, she was an associate professor at Arizona State University. She received her Ph.D. degree in computer science from the University of Pennsylvania in 2005 and B.S. from Central South University in 1999. She and her research group develop cutting-edge database, data mining and machine learning techniques with applications in business, health care and the web. Some of her projects include information discovery on big data, social media mining for health care, computational advertising, social computing, workflow management and information integration. She has served on the organization and program committees for prestigious conferences, including SIGMOD, VLDB, ICDE, CIKM and SIGIR, served as an associate editor for TKDE, DAPD, PVLDB, INFORMS Journal on Computing, ECRA, and Journal of Healthcare Informatics Research, as well as a general chair for SIGMOD'2012. She also served as the inaugural director for the P.h.D. program in business data science at NJIT. Chen is a recipient of a Peter Chen Big Data Young Researcher Award, Excellence in Research Prize (NJIT), Outstanding Faculty Researcher in Computer Science and Engineering (ASU), Google Research Award, IBM Faculty Award and an NSF CAREER Award. Her research is funded by NSF, Leir Charitable Foundations, Google, IBM, Science Foundation Arizona and the Department of Defense.

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## Areas of Expertise

Information Integration, Big Data, Machine Learning, Management, Healthcare, Computer Science, Social Computing, Social Media

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## Education

**University of Pennsylvania**  
PhD Computer Science

**University of Pennsylvania**  
MS Computer Science

**Central South University**  
BS Computer Science

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## **Accomplishments**

**Excellence in Research , MTSM, NJIT**  
2016

**Peter Chen Big Data Young Researcher Award**  
2015

**Henry J. Leir Chair in Healthcare, Leir Charitable Foundations**  
2014

**Leir Best Paper Award, Second Prize**  
2013

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