

## **Zhixiong Chen**

### **Educations**

B.S. in Applied Math	Shanghai Jiao Tong University, Shanghai, China, 1986
M.A. in Math	Shanghai Jiao Tong University, Shanghai, China, 1988
M.S. in CS	University of Pittsburgh, Pittsburgh, USA, 1997
Ph.D. in Math	University of Pittsburgh, Pittsburgh, USA, 1997

### **Professionals Appointment**

2008-present	Professor, Dept. of Math & CS, Mercy College
2003-2007	Associate Professor, Dept. of Math & CS, Mercy College
1997-2003	Research Scientist, IBM T J Watson Research Center and IBM Pittsburgh Lab
1989-1992	Assistant Professor, Shanghai Jiao Tong University

### **Administrative Appointment**

2013-Present	Chair, Dept. of MATH & CS, Mercy College
2007-2013	Co-Dir and Dir, Cybersecurity Edu Center, Mercy College (CAEIDE by DoD/NSA)

### **Selected Relevant Publications among 42 peer reviewed journal and conference papers (see attachment)**

1. Zhixiong Chen and Yixuan Zhu, Personal Archive Service System using Blockchain Technology: Case Study, Promising and Challenging, in the proceeding of the 2017 IEEE 6th International Conference on AI & Mobile Services, Honolulu, Hawaii, June, 2017, PP93-99
2. Yixuan Zhu and Zhixiong Chen, RealID: Building A Secure Anonymous Yet Transparent Immutable ID Service, proceeding in the 2017 IEEE International Conference on Intelligent Data and Security, 26-28 May 2017, Beijing, China, PP:277-280
3. Zhixiong Chen, A survey of Trustworthy of Postings in the Internet Social Media, ICALIP 2016, July 11-12, Shanghai, China.
4. Claudio Ardagna, Ernesto Damiani, Meiko Jensen and Zhixiong Chen, Issues in Security and Privacy Engineering, Proceedings of the 2014 IEEE 10th World Congress on Services, Alaska, USA, 27 June - 2-July, 2014
5. Zhixiong Chen, John Yoon and Yun Wang, Integrating IT Security Auditing to IA Curriculum, Proceedings from the 16th Colloquium (CISSE) (ISBN: 1-933510-95-1), Lake Buena Vista, Florida, June 11-13, 2012, pp149-156.
6. Jong P. Yoon, Christopher M. Frenz, Zhixiong Chen, David Wang, Privacy-Preserving Mobile Accesses for Virtual Private Social Media, Proceedings of the 2012 IEEE 8th World Congress on Services, Honolulu, Hawaii, 24-29 June 2012, pp192-198
7. Zhixiong Chen and Delia Marx, Experiences with Eclipse IDE in Programming Courses, Journal of Computing Sciences in Colleges, Vol. 21, Issue 2, pp.104 - 112, 2005
8. Z Chen and Delia Marx, ITEAM – INTEGRATED TEAMWORK ENABLEMENT AND MANAGEMENT IN ONLINE CAMPUS, Journal of Computing Sciences in Colleges, Vole 22, Issue 6, pp 117-125, 2007

### **Selected Synergistic Activities**

- President, Services Society, Promoting collaboration between Academia and Industrial practitioners on Services Computing and delivering relevant open course modules
- Director from 2007 to 2013, Mercy College Cybersecurity Education Center. Developed the BS and MS in Cybersecurity, had the courseware certified by CNSS, worked to get the center to be awarded in 2010 as one of the national centers of Academic Excellence on Information Assurance education by NSA and DoD
- Leading in adopting new basic math teaching model using MyOpenMath

## **Grants**

- Department of Defense, IASP Capacity Building (H98230-12-1-0433), Research Exposure and Reference Modules in IA, June, 2012 – June 2013, PI, \$26,399.00
- National Health Institute (NIH)-ERADA 642042-3945; Fault Localization in Autonomic Computing, awarded in 2004, \$5998
- National Science Foundation (NSF), BD Spokes: Planning: Northeast: Big Data Literacy: Building Capacity for Regional Collaboration in Closing the Big Data Divide, awarded in 2016, member in the Inquiry group
- Faculty Development Grants
  - 2005; Research of Recent Mathematical Modeling Techniques, \$4800
  - 2006; Pricing Strategy of Unbundling Information Goods and Services, \$2480
  - 2007: Modeling Services Strategy When Using Open Source Software, \$2850
  - 2008: Utilizing Openware to Advance Information Assurance and Security Education, \$2000
  - 2009: Reusability Modeling under Service Oriented Architecture, \$2050
  - 2010: IT Auditing and Information Assurance for Secure Cloud Computing, \$2500
  - 2011: Web Based Automated Software Application in IT Auditing
  - 2012: IA Capstone Projects and Research Exposure Reference Modules, \$3000
  - 2013: Data Provenance and Privacy Preservation in Mobile Communications, \$2250
  - 2014: Location and User Awareness in Data Security and Communication Security, \$2750
  - 2016: Power Influence of Postings in the Internet Social Media and its Security, \$2325
  - 2017: Building a Secure Anonymous Yet Transparent Immutable ID Service, \$3000
- 2015-2016, Mercy College Teaching Innovation Grant, Preparing Instructors in Basic Mathematics in Smart Math, \$2500
- 2014-2105, Mercy Assessment Budget Linkages: Toolkits and Manual for Multimedia Enabled Class, \$1878
- 2017, Teaching Excellence and Engaged Learning Micro-Grant, Gen Ed Math Redesign – Trend and Challenging, Chang Cheng and Zhixiong Chen, \$4175

## ***Honors and Awards***

- NSF CISE Cross-Cutting CiC TC Panel Review, Arlington, VA, September, 2010
- Outstanding Service Certificates, workshop coordinate chair, IEEE Services Congress, 2010, 2011.
- Outstanding Service Certificates, Education Summit Chair, IEEE Services 2008, 2009
- Outstanding Service Certificates, Services Contest Chair, IEEE Services 2006 and 2007
- Editorial Board, International Journal of Web Services,  
(<http://www.servicescomputing.org/jwsr/org.htm>)
- CISSP (Certified Information System Security Professional) since 2010
- Senior member, Institute of Electrical and Electronics Engineers (IEEE);
- Senior Member, Association of Computing Machine (ACM)