

## **Program**

**5:00** – registration begin, table in front – Student Volunteer, Jerry Zhu

Admission office also welcome the participants

**5:00 – 5:40:** Social Networking

**5:40** Mr. Wang opens the floor, welcome all the participants

**5:45:** Dr. Tamara Jhashi for welcome and open remarks

**5: 50:** Dr. Yoon introduces the keynote speaker, Ms. Lynne Clark and control the floor

**5:50:** Ms. Lynne Clark,

Chief, National Information Assurance Education & Training Program, National Security Agency

**Title:** “Workforce Development for the Critical Need of Highly Qualified Cybersecurity Professionals”

**Abstract:** On the critical need for highly qualified professionals to help data owners prevent data breaches, the issues in workforce development, what the Federal government is trying to do, how we’re working with the State governments and industry. I’ll pull some data on the most recent breaches to lead into the discussion.

**6:35** Q and A

**6:45** Break with Coffee and Pizza and Desserts

**6:50-7:00** student demo and job interviews

**7:00** Dr. Zhixiong Chen starts Panel discussion

### **Distinguished Panelists**

Mr. Steven Birmingham, CIO, Mercy College

Dr. Saul Fisher, Executive Director of Grants and Academic Initiatives and Visiting Associate Professor of Philosophy, at Mercy College

Dr. Thaier Hayajneh, Director of Fordham Center for Cybersecurity, associate professor in the Computer Science department, program director of MS in Cybersecurity and MS in Data Analytics, Fordham Univ

Dr. Vugranam Sreedhar, Blockchain Leader, TSS, IBM



Moderator: Dr. Zhixiong Chen, Chair of the Dept of Math and CS, Mercy College

Mr. Steven Birmingham is Chief Information Officer at Mercy College, where he serves on the president's cabinet and is responsible for IT strategy and leadership. With IT outsourcer Ellucian, he has been engaged at a variety of other colleges and universities. He also has experience in K-12 and banking. Mr. Birmingham holds a Master of Science in Engineering in the Management of Technology from the University of Pennsylvania.



**Saul** Fisher is Executive Director of Grants and Academic Initiatives, and Visiting Associate Professor of Philosophy, at Mercy College. Previously, Fisher was Associate Provost and Adjunct Associate Professor of Philosophy at Hunter College (CUNY); Director of Fellowship Programs of the American Council of Learned Societies; and program officer at The Andrew W. Mellon Foundation. He is past chair of the American Philosophical Association (APA) Committee on Non-Academic Careers, past member of the APA Committee on the Status and Future of the Profession, and past president of HOPOS—the International Society for the History of Philosophy of Science. His research primarily focuses on

philosophy of art and architecture; other contributions include work in history and philosophy of science, and in philosophy and computing--in this last regard, he participates in the Ethics Ring of the NSF Northeast Big Data Innovation Hub.



Thair Hayajneh, Ph.D. is the director of Fordham Center for Cybersecurity, associate professor in the Computer Science department, program director of MS in Cybersecurity and MS in Data Analytics at Fordham University. He was a full-time faculty of computer science at New York Institute of Technology and founding director of NYIT Center of Excellence in Cyber Security (2014-2016). He received his Ph.D. and M.S. degrees in Information Sciences with specialization in Cybersecurity from the University of Pittsburgh, PA, in 2009 and 2005, respectively. His research focuses on cybersecurity and networking, including wireless security, applied cryptography, information assurance and privacy. He published over 50 papers in reputable journals and conferences,

serves as Editor for ACM/Springer Wireless Networks and Editor-in-Chief for EAI Transactions on Pervasive Health and Technology, and reviewed over 80 papers. He served on several NSF Cybersecurity review panels and serves as a CAE reviewer and mentor for NSA.



Dr VC Vugranam C. Sreedhar

<http://researcher.ibm.com/researcher/view.php?person=us-vugranam>

Blockchain Leader, TSS, IBM,

I was Research Staff Member and I spend my time helping IBM business. My technical strengths are in the areas of Data Science and Security, such as predictive analysis, (cyber)security, compliance, IT audit, and risk analysis, program and bug detection, and services computing. ACM Distinguished Scientist and Member of IBM Academy, Thomas J. Watson Research Center, Yorktown Heights, NY USA



Zhixiong Chen, Chair, Dept. of Math & CS, Mercy College

He has published over 40 papers, and served as program chairs, committee members in various conferences. He is a senior member of IEEE and ACM and was a senior research scientist in IBM Research Center. He is the President of the Services Society, a non-profit society that fosters research among academia and industry service sectors. He is also the Governor of the Board of Chinese Association of Science and Technology, USA.

## Questions

1. Is data breach a new norm?
2. What are the short -term or long-term impact/problems caused by data breaches?
3. What kinds of mechanisms for an individual to detection data breaches?
4. What kind of tools for a company to protect their data? lock smith and/or warrior and/or blockchain
5. What kind of legal tools that we can use
6. What are the challenging facing to our managers

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**8:30** Mr. Wang closes the event

**8:30 – post programs** at Meh32, invitation only

**Organized by the Mercy Cybersecurity Education Center, A NSA CAE-CDE**

Dr. Tamara Jhashi, Dean, Sch. of Liberal Arts, School of Liberal Arts



David Wang,

Co-director of Mercy Cybersecurity Education Center

Research interests include GUI Design, Object Oriented Programming, Financial System Development, and STEM Student Retention/Diversity.



Dr. Yoon, Associate Professor in the Department of Math/Computer Science, Director of Mercy Center for Academic Excellence in Information Assurance and Cyber Defense, and the Head of Cybersecurity BS and MS Program at Mercy College. Before joining Mercy, has worked at fortune 500 corporations, and he has taught at Computer Science and Engineering in the University of Louisiana, Lafayette, and Sookmyung W. University in Seoul. He has published over 90 journal and international conference articles.