Dr. Salvatore (Sal) Aurigemma
Instructor, Information Technology Management
Shidler College of Business, University of Hawai`i at Manoa
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Education

PhD, University of Hawaii-Manoa, 2013.
    Major: Communication and Information Sciences
    Supporting Areas of Emphasis: Information Security, Human-Computer Interaction, Data Networks, Communication Theory

MS, Hawaii Pacific University, 2001.
    Major: Information Systems

BS, University of Florida, 1992.
    Major: Nuclear Engineering

Academic Professional Positions

Instructor, Shidler College Business, University of Hawai'i at Manoa. (August 2023 – present)
    Faculty Director, MS in Information Systems
    (https://shidler.hawaii.edu/ms/information-systems)

Applied Associate Professor of Cyber Studies. (May 2022 – August 2023)
    School of Cyber Studies, University of Tulsa
    Faculty Director of MS in Cyber Security degree program
    (https://cybersecurityonline.utulsa.edu)

Associate Professor of Computer Information Systems. (August 2013 – May 2022).
    Collins College of Business, University of Tulsa
    Faculty Director of School of Cyber Studies PhD degree program (August 2021 – May 2022)
    (https://engineering.utulsa.edu/cyber-studies/ph-d-in-cyber-studies/)

Instructor, Chaminade University. (August 2012 - May 2013).

Instructor, University of Hawai'i at Manoa. (August 2011 - May 2013).

Professional Memberships & Service

Editorial Board, Information & Computer Security Journal (June 2021 – present)
Associate Editor, Journal of Organizational and End User Computing. (March 2017 – October 2019).
International Federation for Information Processing (IFIP) WG 8.11/WG11.13. (October 2, 2015 - Present).
Information Systems Security Association. (April 2015 - Present).
ISACA. (2013 - Present).
Association for Information Systems. (2011 - Present).
Infragard (October 2019 – Present).

Select Published Intellectual Contributions

Refereed Journal Articles

Mattson, Thomas; Aurigemma, Sal; and Ren, Jie (2023) "Positively Fearful: Activating the Individual's

HERO Within to Explain Volitional Security Technology Adoption," *Journal of the Association for Information Systems*, 24(3), 664-699. DOI: 10.17705/1jais.00793
Available at: https://aisel.aisnet.org/jais/vol24/iss3/8

Aurigemma, Sal & Mattson, Thomas (2019). Generally Speaking, Context Matters: Making the Case for a Change from Universal to Particular ISP Research, Journal of the Association for Information Systems: Vol. 20 : Iss. 12 , Article 7. DOI: 10.17705/1jais.00583 Available at: https://aisel.aisnet.org/jais/vol20/iss12

Aurigemma, S., Mattson, T., & Leonard, L. N. (2019). Evaluating the Core and Full Protection Motivation Theory Nomologies for the Voluntary Adoption of Password Manager Applications. AIS Transactions on Replication Research, 5(1), 3.

Aurigemma, S., & Mattson, T. (2019). Effect of long-term orientation on voluntary security actions. *Information & Computer Security*, 27(1), 122-142.

Aurigemma, S. Mattson, T. (2018). "Exploring the Effect of Uncertainty Avoidance on Taking Voluntary Protective Security Actions" *Computers & Security.* 73 (March 2018), 219-234.

Aurigemma, S., Mattson, T. (2018). Running with the Pack: The Impact of Middle-Status Conformity on the Post-Adoption Organizational Use of Twitter. *Journal of Organizational and End User Computing (JOEUC), 30*(1).

Aurigemma, S., Mattson, T. (2017). Privilege or Procedure: Evaluating the Effect of Employee Status on Intent to Comply with Interactive Security Controls. *Computers & Security, 66*(May 2017), 218-234. Aurigemma, S., Mattson, T. (2017) Deterrence and Punishment Experience Impacts on ISP Compliance Attitudes. *Information and Computer Security* 25(4).

Aurigemma, S., Mattson, T. (2017) Deterrence and Punishment Experience Impacts on ISP Compliance Attitudes. *Information and Computer Security* 25(4).

Aurigemma, S., Leonard, L. N. K. (2016). The Influence of Employee Affective Organizational Commitment on Security Policy Attitudes and Compliance Intentions. *Journal of Information System Security, 11*(3), 201-222. http://www.jissec.org/Contents/V11/N3/V11N3-Aurigemma.html

Aurigemma, S., Panko, R. (2014). Evaluating the Effectiveness of Static Analysis Programs Versus Manual Inspection in the Detection of Natural Spreadsheet Errors. *Journal of Organizational and End User Computing, 26*(1), 47-65.

Aurigemma, S. (2013). A Composite Framework for Behavioral Compliance with Information Security Policies. *Journal of Organizational and End User Computing, 25*(3), 32-51.

Panko, R., Aurigemma, S. (2010). Revising the Panko-Halverson taxonomy of spreadsheet errors. *Decision Support Systems, 49*(2), 235-244.

Conference Proceedings

Bolger, C., Brummel, B., Aurigemma, S., Moore, T., & Baskin, M. (2023). *Information Security Awareness: Identifying Gaps in Current Measurement Tools.* 22nd Annual Security Conference, May 9-May 10, 2022, Las Vegas, NV

Phillips, S., Brummel, B., Aurigemma, S., & Moore, T. (2023). *Information Security Culture: A look Ahead at Measurement Methods.* 22nd Annual Security Conference, May 9-May 10, 2022, Las Vegas, NV

Hastings, S., Moore, T., Aurigemma, S., & Brummel, B. (2023) *Predicting Authentication Performance with Psychological Constructs.* 22nd Annual Security Conference, May 9-May 10, 2022, Las Vegas,

NV

Shumway, P., Brummel, B., Moore, T., Aurigemma, S. & Hastings, S. (2023). *Naturalistic observations of login attempts: Do security implementations and demands effect employee job behaviors and perceptions?* 22nd Annual Security Conference, May 9-May 10, 2022, Las Vegas, NV.

Mattson, T., Aurigemma, S., Ren, J. (2023). Close the Intention-Behavior Gap via Attitudes: Case Study of the Volitional Adoption of a Two-Factor Authentication Service. (vol 56, pp 4121). Hawaii International Conference on System Sciences.

Dickie, N., Aurigemma, S., & Brummel, B. (2020). *Exploring the Impact of Individual Differences on Information Security Awareness*. 19th Annual Security Conference, March 30-April 1, 2020, Las Vegas, NV.

Aurigemma, S., Dickie, N., Brummel, B. (2019). Extending the Human Aspects of Information Security – Questionnaire (HAIS-Q). Las Vegas, NV: 18th Annual Security Conference.

Aurigemma, S., Mattson, T., Leonard, L. (2018) "Does an individual's ethical preference impact their decision to take voluntary security actions?" 17th Annual Security Conference, Las Vegas, NV, April 2018.

Aurigemma, S., Mattson, T., Leonard, L. N. K. (2017). *Enhancing End-User Psychological Capital to Motivate Voluntary Security Actions*. Las Vegas, NV: 16th Annual Security Conference.

Aurigemma, S., Mattson, T., Leonard, L. N. K. (2017). *Motivating Multifactor Authentication Use Among Millennial End-Users*. Las Vegas, NV: 16th Annual Security Conference.

Aurigemma, S., Leonard, L. N. K., Mattson, T. (2017). *So Much Promise, So Little Use: What is Stopping Home End-Users from Using Password Manager Applications?* (vol. 50, pp. 10). Hawaii International Conference on System Sciences.

Aurigemma, S., Leonard, L. N. K., Mattson, T. (2016). *Exploring the Gap Between Intent and Actual Security Behavior by Evaluating the Use of Password Manager Applications Among Home End-Users*. 2016 Dewald Roode Conference.

Aurigemma, S., Leonard, L. N. K., Mattson, T. (2015). *A Research Study to Understand and Improve Fundamental Information Security Practices in Very Small Enterprises*. 2015 International Conference on Information Systems.

Aurigemma, S., Panko, R. (2015). *Generally Speaking, Context Matters: Making the Case for Increased Emphasis on Specific Security Threat Contexts in Security Behavior Research*. Dewald Roode Information Security Workshop.

Aurigemma, S., Leonard, L. N. K., Panko, R. (2015). *Are your employees committed to following your Information Security Policies? Let's hope.*. Las Vegas, Nevada: 14th Annual Security Conference.

Aurigemma, S., Mattson, T. (2015). *The Role of Social Status and Controllability on Employee Intent to Follow Organizational Information Security Requirements*. 48th Hawaii International Conference on System Sciences (HICSS).

Aurigemma, S., Mattson, T. (2014). *Do it OR ELSE! Exploring the Effectiveness of Deterrence on Employee Compliance with Information Security Policies*. Savannah. GA: AMCIS 2014.

Aurigemma, S., Panko, R. (2012). *A Composite Framework for Behavioral Compliance with Information Security Policies*. HICSS 45, Computer Society Press.

Awards and Honors

Mayo Excellence in Teaching Award, The University of Tulsa Collins College of Business. (May 2016).

Civilian Meritorious Service Medal, Department of the Navy, 2008

Bronze Star Medal, Department of the Army, 2007

Professional Experience

Computer Engineer (December 2004 – July 2013)
Space and Naval Warfare Systems Center Pacific (SSC PAC)
2293 Victor Wharf Access Rd, Pearl City, HI 96782

Naval Reserve Officer (May 1992 – May 2014)
Department of the Navy, Pacific Submarine Force Intelligence
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Pearl Harbor, HI   96860-4966