

### The 4<sup>th</sup> Industrial Revolution

**Dennis C. Acuña, Sc.D., *Digital GRC LLC, Principal Consultant***

**Session Description:** The phrase “Fourth Industrial Revolution” (4IR) was coined by Klaus Schwab and the World Economic Forum in 2016, and points to the current transition of merging the physical and biological domains through the digital domain of advanced computing and networked electronic data. These factors are driving innovation and disruption with unprecedented speed and depth.

At its core, 4IR implies the dramatic ability to transform human society and human culture, for better or for worse, from the physical analog world of today to an automated, digital world of tomorrow. This transition will bring new meaning to the phrase “haves vs have nots”, with authorized access to secure digital resources representing the new “haves”.

This presentation discusses the factors driving 4IR, with examples of innovation and disruption both current and in development.



**Speaker Bio:** Dennis Acuña is a part-time computer science instructor at the University of Findlay. His career in information technology spans 44 years including graduate school, private industry, academia, and information assurance consulting through Digital GRC LLC. Dennis earned a Doctor of Science degree from Dakota State University in 2017, specializing in information systems.

### Generative AI – An Information Assurance Perspective

**Loren Wagner, D.I.A., *LJWC, LLC dba LJW Cyber Consulting, Founder/CEO***



**Session Description:** Since released in November 2022 by OpenAI, ChatGPT, and Generative AI in general, has caught the imagination of many, from developers to education to business and even personal use. Seemingly, the applications are limitless and engaging but not without some significant degree of caution. This presentation will explore both sides of the equation with an emphasis on challenges as they pertain to Information Assurance.

**Speaker Bio:** Loren is actively engaged in helping organizations become more secure and compliant by performing risk assessments and advisory services based on the NIST Cybersecurity Framework, NIST SP 800-171, and the DoD’s Cybersecurity Maturity Model Certification (CMMC) program. Loren is a designated CMMC-AB Registered Practitioner. Loren held global senior management positions for a major manufacturer in information security, networking, and data center operations. Most recently, he was the Director of Risk Services for CentraComm, a local managed services provider. A Certified Information Security Professional, he has a Doctorate in Information Assurance from the University of Fairfax, an MBA from The University of Findlay and a Certificate in Security Management from the National Defense University. A part-time lecturer at the University of Findlay for more than 20 years, he played a major role in the development of their Information Assurance Program. Loren is a veteran of the U.S. Air Force, where he started his career in Information Technology.

### Industry 4.0: AI in Manufacturing

**Session Description:** Join us for a deep dive into GSW Manufacturing's current and future AI projects, where we'll explore how artificial intelligence is revolutionizing manufacturing processes and driving innovation in our industry.

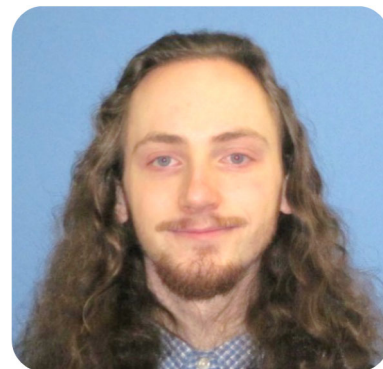
**William Brown, GSW Manufacturing, Inc., IS Manager,**



**Speaker Bio:** William joined the GSW team in 1993 as a Purchasing/Information Systems Specialist. GSW manufacturers wire harness assemblies for the automotive market, ATVs, forklifts, and buses. He has been promoted over the past 30 years to IS Manager, North American Operations. William has experience in networking, application development, security, ERP, finance, and business process optimization. William earned a bachelor's degree in business administration with a finance concentration and a Master of Business Administration degree from Bluffton University.

**David Lamb, GSW Manufacturing, Inc., Software Developer**

**Speaker Bio:** David joined G.S.W Manufacturing in 2022 as a software developer. Before joining the G.S.W. team, he did research into steering angle prediction as part of an internship experience at Bowling Green State University. He is experienced in image processing-based AI, software development, and computer hardware. David earned an Associate of Science from Owens Community College in 2018 and a bachelor's of Computer Science from Bowling Green State University in 2021.



### AI & the Future of Learning – Roundtable

**Session Moderator Harley Ferris, UF,** Assistant Professor of English & Director of the Writing Center

- **Scott Freehafer, PhD, UF,** Associate Professor of Business
- **Lucas Gross, UF,** Instructor of Teaching, Radiation Safety Officer, Clinical Coordinator of the Diagnostic Services Department and Director of the Medical Laboratory Science
- **Rebecca Quintus, UF,** Director of Library Services; College Librarian for Health Professions, Pharmacy, and Sciences
- **Kyle Wagner, PhD, UF,** Assistant Professor of Education
- **Dominic Wilson, PhD, UF,** Assistant Professor of Computer Science

**Thank you to our MC for this event:**

**Doug Jenkins, Findlay Hancock County Chamber of Commerce,** Senior Investor Experience Lead