

## **Janet Hartkopf**

Chandler, Arizona 85249

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### **Academic & Professional Profile**

Emerging technologies and cybersecurity educator with leadership experience spanning K-12, higher education collaboration, and industry workforce development. Specializes in cybersecurity and semiconductor manufacturing education, curriculum design, and scalable pathway development aligned to industry and postsecondary needs.

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### **Education**

#### **M.S. Cybersecurity Operations**

University of Arizona, 2026

#### **M.Ed. Curriculum & Instruction: Technology**

Grand Canyon University, 2016

#### **Post-Baccalaureate Certificate, Elementary Education**

Rio Salado College, 2013

#### **B.S. Political Science**

Illinois State University, 1989

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### **Academic and Professional Appointments**

#### **Coordinator, Emerging Technologies, Career & Technical Education**

Chandler Unified School District | 2024 – Present

#### **Coordinator, Cybersecurity, Career & Technical Education**

Chandler Unified School District | 2022 – 2024

#### **Instructional Program Specialist: Cybersecurity**

Basha High School | 2019 – 2022

#### **Instructor, Computer Science & Cybersecurity (Grades 7–12)**

Camille Casteel High School | 2015 – 2019

## **Janet Hartkopf**

### **Instructor, Computer Science (Grades 7–8)**

Arizona College Prep Middle School | 2009 – 2015

### **Site Technology Specialist**

Arizona College Prep Middle School | 2008 – 2009

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## **Teaching & Curriculum Development**

- Designed and implemented cybersecurity and emerging technology curricula aligned to workforce and postsecondary pathways
  - Led development of a district-wide semiconductor manufacturing education program in collaboration with higher education and industry partners
  - Created modular, scaffolded instructional content adaptable across secondary and postsecondary contexts
  - Supported faculty and staff professional development related to cybersecurity, advanced manufacturing, and emerging technologies
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## **Service and Outreach**

### *National/Industry*

- NICE K12 Coordinating Council, (2021 – present)
- NICE K12 Conference Planning Committee, (2020 – present)
- WiCyS Phoenix Chapter – Past Founding Member, Treasurer, Current Member, (2020 – present)
- Arizona Commerce Authority – Semiconductor Workforce Committee Member, (2024 – present)
- InfraGard Arizona Member, (2023 – present)

### *Chandler Unified School District*

- AI Launch Steering Committee, (2024 – present)

### *Community*

- Rotary Club of Sun Lakes member, (2014 – present)
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## Janet Hartkopf

### Publications & Media (Public Scholarship)

Heubeck, E. (2025, December 4). In *“Silicon Desert,” a school prepares students to join the semiconductor boom*. *Education Week*. Quoted expert and program lead.

Hartkopf, J. (2024, September). **Abstract**, *Cooperative Teaching Solutions for Cybersecurity from Secondary to Post-Secondary*. Southwest Conference.

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### Invited Talks, Panels, and Conference Presentations

Honomichl, R., Wagner, P.E., & Hartkopf, J. (2026, July). **Speaker**, *Leveraging AI to Develop Unique Scenarios for Education*, Arizona CTE Summer Conference ACTEAZ.

Hartkopf, J. (2026, March). **Speaker**, *CTE Semiconductor CTE Pathway: Workforce & Economic Impact Update*, City of Chandler Economic Development Advisory Board Meeting

Arroyo, J., Hartkopf, J., Pennell, T., & Vaughn, R. (2026, February). **Speaker**, *Semiconductor Pathways: Connecting K-12, College, and Industry through Strategic Partnerships*, NCPN Connect 2026 Conference

Hartkopf, J. (2026, January). **Speaker**, *Semiconductor Program Development and Future*, iMAPS Phoenix Chapter Meeting

Duran, L., & Hartkopf, J. (2025, December). **Speaker**, *Revolutionizing Education: High School Semiconductor Program Partnership*, ACTE CareerTech Vision Conference

Honomichl, R., Wagner, P.E., & Hartkopf, J. (2025, December). **Speaker**, *Expanding CTE Cybersecurity: Dual Enrollment, Industry Partnerships, and Workforce Readiness*, ACTE CareerTech Vision Conference

Duran, L., Honomichl, R., Wagner, P.E., & Hartkopf, J. (2025, December). **Panelist**, *Harmonizing Learning and Service: A High School Cybersecurity Clinic Experience*, National Initiative for Cybersecurity Education (NICE) K12

Wright, S., & Hartkopf, J. (2025, November). **Speaker**, *A Scalable Approach for Semiconductor Workforce Training via CTE and SemiSphere*. ACOVA Conference.

Hartkopf, J. (2025, October). **Representative**, *Advanced Manufacturing & Semiconductor Roundtable*. Chandler Chamber.

Vaughn, R., Rose, C., Folks, L., Thomas, D., Hartkopf, J. **Representative and Speaker**, *Cross-Sector Education Efforts*. TechSmart Learning.

Hartkopf, J. (2025, September). **Representative and Speaker**, *Taiwan–U.S. Delegation*. Arizona Commerce Authority / SEMICON Taiwan.

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Hinsey, J., Taylor, N., & Hartkopf, J. (2025, August). **Panelist**, *Compliance as Key to Security Convergence?* 9th Annual Cyber-Physical Convergence Forum.

Hartkopf, J., Honomichl, R., & Wagner, P. (2025, July). **Speaker**, *Building Bridges in Cyber Education: A Collaborative Model*. Arizona CTE Summer Conference ACTEAZ.

Hartkopf, J. (2025, July). **Speaker**, *Building of a Microchip*. Arizona CTE Summer Conference ACTEAZ.

Hartkopf, J. (2025, June). **Presenter**, GPCF Virtual Externship.

Pearson, T., Hartkopf, J., & Folks, L. (2024, October). **Speaker**, *Workforce Training Initiatives*. GASCN, Chandler City Hall.

Butler, R., Carrera, J., Hartkopf, J., Pierce, N., & Proctor, J. (2024, August). **Speaker**, *Empowering Educators: Leveraging CompTIA's Instructor Tools for Classroom Success*. CompTIA myPartner Summit.

Gibson, D., Hartkopf, J., Patel, S., & Richards, C. (2024, June). **Panelist**, *Empowering Women in Cybersecurity*. Arizona Technology Council.

Wagner, P. E., & Hartkopf, J. (2023, July). **Speaker**, *Cybersecurity at Basha and Chandler High Schools*. Arizona CTE Summer Conference ACTEAZ.

Wagner, P. E., & Hartkopf, J. (2022, December). **Speaker**, *CyberEducation-by-Design: A Comprehensive Approach to Cyber Education*. National Initiative for Cybersecurity Education (NICE) K–12.

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## University Service & Partnerships

- Collaborated with University of Arizona faculty and the Center for Semiconductor Manufacturing on curriculum design and workforce alignment
- Participated in higher education–industry–government initiatives supporting advanced manufacturing and cybersecurity pipelines
- Represented district in academic, industry, and international workforce delegations

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## Honors & Awards

- University of Arizona, Distinguished Graduate Scholar, 2026

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- ACTE Region V Innovative CTE Program Award, 2023
- TeachCyber Passport Award, 2022
- CUSD Apple Award, 2013