

## Amber Hedquist

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Last updated: March 1, 2026

### EDUCATION

- 2026      **Doctor of Philosophy in English** | Summa cum laude  
Department of English; Arizona State University, Tempe, AZ  
Dissertation Title: "A Compass for Collaboration: Building a Catalog of Collaborative Resources in Technical and Professional Communication"  
Dissertation Committee: Mark A. Hannah, PhD; Elenore Long, PhD; Andrew Mara, PhD  
Defense Date: March 5, 2026
- 2024      **Master of Arts in English** | Summa cum laude  
Department of English, Arizona State University
- 2021      **Bachelor of Arts in English** | Summa cum laude  
Department of English, Florida State University, Tallahassee, FL

### PROFESSIONAL EMPLOYMENT

- 2025-Pres.    **Research Specialist**  
Arizona Water Innovation Initiative, College of Global Futures  
Arizona State University
- 2025-Pres.    **Faculty Associate**  
Writing Programs, Arizona State University
- 2025-Pres.    **Faculty Associate**  
College of Integrative Arts and Sciences, Arizona State University
- 2024-25      **Research Administrator** | ASU Title: Management Intern  
Research Ops Strategic Cross-Functional Group, Arizona State University
- 2023-24      **Program Manager** | ASU Title: Management Intern  
Office of the Vice President for Research, Arizona State University
- 2021-23      **Graduate Teaching Assistant (Instructor of Record)**  
Writing Programs, Arizona State University

## PUBLICATIONS

**Research Interests:** Technical and Professional Communication (TPC), Rhetoric, User Experience (UX), Artificial Intelligence (AI), Emerging Technologies, Qualitative Methods, Learning Technologies, Collaboration, Community-Engaged Research

### In Print

#### Journal Articles

- 2026      **Hedquist, A.**, Caughman, L., & Lauer, C. "Tuning In: Rhetorical Attunement as a Methodological Practice for Collaborative Research." *Written Communication*.
- 2026      **Hedquist, A.**, Baia, S., Cooper, N., Streberger, E., Storey, D., Lauer, C., "Positioning Theory as a Design Lens: Localizing Design Through the Study of Relationships." *Information Design Journal*, 1-14.
- 2025      **Hedquist, A.** "Inviting Participation: From Sample-Building to Relationship-Building in Participant Recruitment." *IEEE Transactions on Professional Communication*, 68(2), 228-240.
- 2025      **Hedquist, A.**, Castillon, M., Cooper, M., Keim, V., Mohseni, T., Purcell, K. "Facilitating AI in Research Operations: Reflections on a Collaborative Implementation Heuristic." *Journal of Research Administration*, 56(2), 75-84.
- 2024      Hannah, M. A., Caputo, C., Deen, L., **Hedquist, A.**, Salgado, C., Shah, S., ... & Sutrisno, D. B. (2024). "Thinking with Keywords: Investigating the Role and Nature of Professionalism Keywords in TPC Enculturation." *Technical Communication Quarterly*, 33(3), 342-357. *Article appeared in the special issue that won the Nell Ann Pickett Award for best issue/articles in Technical Communication Quarterly in 2024.*
- 2023      Dennen, Vanessa P., Hall, B., and **Hedquist, A.** (2023). "A Systematic Review of Research on Inter-subjectivity in Online Learning: Illuminating Opportunities for Cohesion and Mutual Understanding in the Research Conversation." *Online Learning*, 27(1), 158-186.
- 2022      Dennen, V. P., Shi, H., Rutledge, S. A., Bagdy, L. M., Jung, D., Bunn, S., ...& **Hedquist, A.** (2022). "Parenting Teenage Social Media Users: Perceptions and Permissions as the Pandemic Began." *IADIS International Journal on WWW/Internet*, 20(2), 80-98.
- 2021      Dennen, V., Jung, D., Cargill, C., & **Hedquist, A.** (2021). "Social Media and Parenting Support: A Systematic Scoping Review (2010-2019)."

*IADIS International Journal on WWW/Internet*, 19(2), 1-18.

### Conference Proceedings

- 2026 Chachkhiani, K., Machniak, E., **Hedquist, A.**, Ketkar, P., Lauer, C. "From Immersion to Action: How VR Influences Behavioral Intentions Around Advanced Water Purification" In *Proceedings of the Learning Engineering Research Network Convening*.
- 2025 **Hedquist, A.**, Hannah, M. A., Caputo, C., "Facilitation in TPC Research Practice: Navigating the Complexities of Collaborative Research." In *Proceedings of the ACM International Conference on Design of Communication (SIGDOC)*. Association for Computing Machinery.
- 2024 **Hedquist, A.**, Willers, H., Hannah, Mark A. "Discipline-Driven AI: Training a GPT to Qualitatively Code for Technical and Professional Communication Research. In *Proceedings of the ACM International Conference on Design of Communication (SIGDOC)*, 266-268. Association for Computing Machinery.
- 2022 Dennen, V. P., Shi, H., Rutledge, S. A., Bagdy, L. M., Jung, D., Bunn, S., Cargill, C., Cosgrove, C., & **Hedquist, A.** "Teen Social Media Use During COVID-19: Parent Perceptions and Oversight." In *Proceedings of the International Conferences e-Society 2022 and Mobile Learning 2022*, 155-162. International Association for the Development of the Information Society.
- 2021 Dennen, V. P., Rutledge, S. A., Bagdy, L. M., Bunn, S., Jung, D., Cargill, C., Cosgrove, C., **Hedquist, A.**, & McWaters, S. "Virtual Independence: Teen Social Media Use During the Summer of Quarantine." In *Proceedings of the International Conference on Web-Based Communities and Social Media*, 211-215. IADIS.
- 2021 Dennen, V. P., Jung, D., Cargill, C., & **Hedquist, A.** (2021). "Parents, Social Media, and Online Support: A Systematic Review of the Literature." In *Proceedings of the International Conference on Web-Based Communities and Social Media*, 102-109. IADIS

### Book Chapters

- 2026 **Hedquist, A.**, Hannah, M.A., Willers, Heidi., "Navigating Human-AI Collaboration: The Emerging Role of Technical Communicators as AI Facilitators." In S. Huntsman, L. Melonçon, & M. Williams (Eds.), *Liminality: Resilience in Technical Communication*. WAC Clearinghouse.

**Accepted** (\*Anticipated Release Year)

Journal Articles

- 2026\* **Hedquist, A.**, Storey, D., Gohil, V., Ketkar, P., Muthyala, M., Nikam, A., Lambrecht, K., Carradini, S., Lauer, C. "Taking Usability Testing into Virtual Reality: What Do UX Researchers Need to Know?" *Communication Design Quarterly*.

Book Chapters

- 2026\* **Hedquist, A.** UX Strategy and What Academic Researchers Can Learn from It: A Framework for Community-Engaged Researchers. In S. Flanagan, A. Lancaster, & G. Getto (Eds.), *The Routledge Handbook of User Experience in Technical Communication*. Routledge.
- 2026\* Caputo, C., **Hedquist, A.**, Hannah, M. A. "Network Pivots: A Dialogue on Lessons Learned in Participant Recruitment." In L. Melonçon, M. McMullin, V. Smith (Eds.), *Research Practice in Technical and Professional Communication*. WAC Clearing House.

**Invited**

- 2026\* Carradini, S., **Hedquist, A.**, Lauer, C., Caughman, L., Shao, A., & Ravichandran, S. "What To Do When You're Accused of Using the Enemy's Tools." In C. Bazerman, M. Castelló Badia, C. Thaiss, & D. Waigandt (Eds.), *Words into Action: Rhetorics to Build a Sustainable Future*. (Invited full manuscript due June 30, 2026).

**CONFERENCE PRESENTATIONS (\*Upcoming)****International**

- 2025 "Community-Engaged Research at Scale: Empowering Community Partners as Researchers." With Liliana Caughman, Danielle Storey, and Claire Lauer. Presentation. CPTSC 2025 Annual Conference. Lubbock, TX. October 2025.
- 2025 "Facilitation in TPC Research Practice: Navigating the Complexities of Collaborative Research." With Courtney Caputo and Mark A. Hannah. Poster Presentation. ACM SIGDOC 2025 Conference. Lubbock, TX. October 2025.
- 2025 "Engaging Digital Audiences: Early Insights on Invitational Rhetoric in User Experience Research." Panel. ABC Annual International Conference. Long Beach, California, October 2025.

- 2025 “AI at Work: A Deep Dive into the Social and Emotional Dimensions of AI Integration.” With Mark A. Hannah. Presentation. ABC Regional Conference 2025: Building Bridges between Business Communication and Management. Bergen, Norway, June 2025.
- 2024 “Discipline-Driven AI: Training a GPT to Qualitatively Code in Technical and Professional Communication.” With Mark A. Hannah and Heidi Willers. Poster Presentation. ACM SIGDOC 2024 Conference. Arlington, VA. October 2024.
- 2024 “Human-Centered AI Implementation in Research Admin: Early Experiences and an Emerging Heuristic,” With Valerie Keim. Poster Presentation. Society of Research Administrators International (SRAI) Annual Meeting. Chicago, IL. October 2024.
- 2022 “Learning During Disruption: Teenagers' Use of Social Media to Support Their Classroom Learning and Future Planning During Quarantine.” With Lauren Bagdy, Vanessa Dennen, Daeun Jung, Casey Cargill, and Catherine Cosgrove. Presentation. Association for Educational Communications & Technology International Convention. Las Vegas, NV. October 2022.

### **National**

- 2025 “Participant-Generated Video Diaries as Data: A Systematic Review of Researcher Approaches and Practices.” With Lauren Bagdy and Vanessa Dennen. Roundtable Session: “Expanding and Rethinking Methods.” American Educational Research Association Annual Conference. Denver, CO. April 2025.
- 2024 “Disability and Digital Advocacy: Collaborating with Coalitions.” With Heidi Willers and Mark A. Hannah. Presentation. Applied Rhetoric Collaborative Conference. Virtual. May 2024.
- 2021 “Teenage Social Media Use in the Time of COVID-19: Resilience, Connection, Entertainment, and Learning.” Poster Presentation. With Lauren Bagdy, Vanessa Dennen, Stacey Routledge, Daeun Jung, Casey Cargill, Catherine Cosgrove, and Shannon McWaters. Presentation. American Educational Research Association Annual Meeting. Virtual. 2021.

### **TEACHING EXPERIENCE** (\*Online or Hybrid Course)

**Courses Taught at  
Arizona State University  
(2021-2026)**

**\*TWC 443: Grant and Proposal Writing** | 1 section  
College of Integrative Sciences and Arts, Arizona State University

**\*Business Writing, ENG302** | 2 sections  
Writing Programs, Arizona State University, in Collaboration with W.P. Carey School of Business, Arizona State University

**Writing for the Professions, ENG301** | 1 section  
Writing Programs, Arizona State University

**First-Year Comp. for L2 Learners (2nd semester), ENG108** | 1 section  
Writing Programs, Arizona State University

**First-Year Comp. for L2 Learners (1st semester), ENG107** | 1 section  
Writing Programs, Arizona State University

**First-Year Composition (2nd semester), ENG102** | 1 section  
Writing Programs, Arizona State University

**First-Year Composition (1st semester), ENG101** | 1 section  
Writing Programs, Arizona State University

**Courses Developed at  
Arizona State University  
(2021-2026)**

**\*Capstone in User Experience, UXP490**  
College of Integrative Sciences and Arts, Arizona State University  
Developed and facilitated in collaboration with Claire Lauer, PhD.

**\*Research in Technical Communication, TWC305**  
College of Integrative Sciences and Arts, Arizona State University  
Developed and facilitated in collaboration with Claire Lauer, PhD.

**\*Introduction to User Experience, UXP101**  
College of Integrative Sciences and Arts, Arizona State University  
Developed and facilitated in collaboration with Claire Lauer, PhD.

**AWARDS AND HONORS**

**Academic**

2026 **Distinguished Graduate Student Award**  
Faculty Women's Association, Arizona State University

2026 **Annette Jecker Outstanding Staff Award | \$750.00**

Graduate Student Government Arizona State University

- 2026 **Mentorship Award**  
Arizona Water Innovation Initiative, Arizona State University
- 2026 **University Graduate Fellowship for Research Excellence | \$4,192**  
Department of English, Arizona State University
- 2025 **University Graduate Fellowship | \$2,000.00**  
Department of English, Arizona State University
- 2025 **Teaching Excellence Award | \$750.00**  
Graduate Student Government, Arizona State University
- 2024 **Outstanding Research Award | \$750.00**  
Graduate Student Government, Arizona State University
- 2024 **Best Poster Award**  
Society of Research Administrators International Annual Meeting
- 2023 **High Impact Internship Award | \$1,000.00**  
Department of English, Arizona State University
- 2021 **Best Paper Award**  
International Conference on Web-Based Communities and Social Media
- 2021 **Mart P. Hill Award for Outstanding Honors Thesis | \$1,000.00**  
Department of English, Florida State University
- Industry**
- 2026 **Crescordia Award**  
Arizona Forward Environmental Excellence Awards, “Ensuring Water for the Future of Arizona” category, to Arizona Water Innovation Initiative; contributed to the development of 10+ educational experiences using VR, MR, and AI technology, a project of the Arizona Water Innovation Initiative.
- 2025 **Project of the Year Award**  
Arizona WaterReuse Symposium, AZ Water Association. Project Awarded: Flow Forward Virtual Reality Experiences

## GRANTS

### Research Grants

- 2024 **AI Innovation Challenge | 3 ChatGPT Enterprise Licenses**  
Enterprise Technology, Arizona State University

- 2024 **Graduate Support Research Program Grant | \$720.00**  
Graduate Student Government, Arizona State University
- 2023 **Jumpstart Grant | \$500.00**  
Graduate Student Government, Arizona State University
- 2020 **IDEA Grant | \$4,000.00**  
Center for Undergraduate Research and Academic Engagement, Florida State University

### Travel Grants

- 2025 **Graduate College Travel Award | \$300.00**  
Graduate College, Arizona State University
- 2025 **Career Development Travel Grant | \$950.00**  
Graduate Student Government, Arizona State University
- 2025 **Graduate College Travel Award | \$300.00**  
Graduate College, Arizona State University
- 2024 **Individual Travel Grant | \$950.00**  
Graduate Student Government, Arizona State University
- 2022 **Individual Travel Grant | \$950.00**  
Graduate Student Government, Arizona State University
- 2022 **English Department Research Grant | \$500.00**  
Department of English, Arizona State University

### ADDITIONAL PROFESSIONAL EXPERIENCE

- 2022-23 **UX Researcher** | ASU Title: Strategic Solutions Support Intern  
Research Technology Office, Arizona State University
- 2019-21 **Public Affairs and Editorial Manager**  
DeVoe L. Moore Public Policy Center, Florida State University

### INVITED SPEAKING ENGAGEMENTS

- 2026\* "Co-Designing Water Futures: UX Strategies for Environmental Learning and Action." With Poorva Ketkar, Danielle Storey, Claire Lauer, and Ketevan Chachkhiani. Arizona State University Future of Learning Convening (FOLC) Fest. Omni Hotel, Tempe, AZ. February 6, 2025.

- 2025 “Using Virtual Reality Experiences to Change Public Perceptions about Advanced Water Purification (AWP).” With Claire Lauer and Danielle Storey. Arizona Water Reuse 2025 Symposium. High Country Conference Center, Flagstaff, AZ. July 20-22, 2025.
- 2024 “Empowering Teams: Pedagogical Insights for Driving AI-Enhanced Workplaces.” POD Network AI In ED Subgroup. Virtual. December 2, 2024.
- 2024 “Beyond Engagement: Cultivating Sustainable and Enduring Community Relationships in Support of ASU’s Charter.” Arizona State University Commission on the Status of Women 2024 Professional Development Conference. Virtual. October 23, 2024.
- 2024 “Gratitude Mapping: Reflecting on Your Career to Transform Your Professional Future.” Arizona State University Commission on the Status of Women 2024 Professional Development Conference. Virtual. October 24, 2024.
- 2024 “Write Smarter, Not Harder: AI in Academic Writing Practices.” With Jacob Green and Stephanie Lowe. Empower 2024 Event on AI: From Ideas to Impact. Arizona State University. May 15, 2024.
- 2023 “Human Subjects Recruitment on Research Plus Me.” Arizona State University 2023 Data Conference. Arizona State University. November 8, 2023.

## SERVICE

### To the Profession

- 2025-Pres. **Proposal and Proceedings Reviewer**  
The Association for Computing Machinery (ACM) Special Interest Group on Design of Communication (SIGDOC) Annual Conference
- 2026-Pres. **Article Reviewer**  
*Computers and Education*  
*IEEE Transactions on Professional Communication*  
*Computers in Human Behavior Reports*

### To the Arizona State University Community

- 2024-Pres. **Graduate Student Mentor**  
Graduate Scholars of English Association, Arizona State University

2023-Pres. **Employee Experience Committee Member**  
Knowledge Enterprise, Arizona State University

2022-23 **Faculty Meeting Scribe**  
Department of English, Arizona State University

## MEDIA COVERAGE

### Media Interviews and Appearances

- 2025 Kearns, Faith. "Arizona Water Innovation exhibit highlights 1,000 years of Ingenuity, connection." *ASU News*, 4 December 2025. <https://news.asu.edu/20251204-environment-and-sustainability-arizona-water-innovation-exhibit-highlights-thousand-years>
- 2025 "Amber Pioneers AI in Teaching and Research" Arizona State University Enterprise Technology, 27 March. 2025, p. 22-23, [https://issuu.com/asu\\_uto/docs/the\\_ai\\_journey\\_continues](https://issuu.com/asu_uto/docs/the_ai_journey_continues)
- 2025 "Public education project brings new water recycling process to life" *ASU News*, 19 March 2025, <https://news.asu.edu/20250319-environment-and-sustainability-public-education-project-brings-new-water-recycling-process>
- 2025 Ashburn, Elyse; Fain, Paul; Connolly, Colleen. "Building AI Bridges, Not Just Bots." *Work Shift*, February 5, 2025. <https://workshift.org/building-ai-bridges-not-just-bots/>
- 2024 "Arizona State University personalizes learning and advances research with ChatGPT" *OpenAI*, 26 August. 2024, <https://openai.com/index/asu/>
- 2024 Moffett, Margaret. "As ChatGPT Courts Colleges, Pioneering Universities Seek to Shape Its Use" *Work Shift*, 19 June. 2024, <https://workshift.org/as-openai-courts-colleges-pioneering-universities-seek-to-shape-its-use/>
- 2024 Crowell, Jonathan. "From idea to impact: ASU's IT professional community gathers to demonstrate AI in action." *ASU News*, 20 May 2024, <https://tech.asu.edu/features/asu-it-professional-community-gathers-to-demonstrate-ai-in-action>.
- 2024 King, Stephanie. "ASU Class Explores How ChatGPT Enterprise Can Assist in Scholarly Writing." *ASU News*, 27 Mar. 2024, [news.asu.edu/20240327-science-and-technology-asu-class-explores-how-chatgpt-enterprise-can-assist-scholarly](https://news.asu.edu/20240327-science-and-technology-asu-class-explores-how-chatgpt-enterprise-can-assist-scholarly).
- 2024 Zrioka, Pete. "Online platform streamlines study recruitment, reduces

costs” ASU News, 15 Mar. 2024, <https://news.asu.edu/20240320-science-and-technology-online-platform-streamlines-study-recruitment-reduces-costs>

2023 Boudreau, Diane. “Research Plus Me connects volunteers with research studies.” ASU News, 12 Sept. 2023, <https://news.asu.edu/20230911-research-plus-me-connects-volunteers-research-studies>.

2020 Prentiss, Anna. “Student Star: Amber Hedquist | FSU student with a passion for rhetoric and the English language.” FSU News, 1 Sept. 2020, <https://news.fsu.edu/student-stars/2020/09/01/amber-hedquist>

## PROFESSIONAL AFFILIATIONS

2025-Pres. The Council for Programs in Technical and Scientific Communication (CPTSC)

2025-Pres. The Association for Business Communication (ABC)

2024-Pres. The Association for Computing Machinery (ACM) Special Interest Group on Design of Communication (SIGDOC)

2024-Pres. IEEE Professional Communication Society

## REFERENCES

### **Mark A. Hannah, PhD**

Professor

Department of English, Arizona State University, Tempe, AZ

### **Claire Lauer, PhD**

Professor

College of Integrative Sciences and Arts, Arizona State University, Tempe, AZ

### **Elenore Long, PhD**

Professor

Department of English, Arizona State University, Tempe, AZ

### **Andrew Mara, PhD**

Associate Professor

College of Integrative Sciences and Arts, Arizona State University, Tempe, AZ