Amy Cheatle

Cornell University, Ithaca NY
ac2288@cornell.edu

RESEARCH INTERESTS

Science and technology studies (S&TS), human computer interaction (HCI), computer supported collaborative work (CSCW) craft studies, sensory ethnography, teaching and learning, artificial intelligence.

EDUCATION

2025 *(anticipated)*	Doctor of Philosophy in *Science and Technology Studies* Cornell University Committee: Steve Jackson (Chair), Malte Jung, Malte Ziewitz Dissertation Title: *Touch/Code: Collaborations In Craft and Computation*
2023	Master of Philosophy in *Science and Technology Studies* Cornell University
2001	MST *Master of Science in Teaching*. Rochester Institute of Technology, Rochester, NY
1999	BFA *Bachelor of Fine Arts.* Rochester Institute of Technology, Rochester, NY

PUBLICATIONS

Peer-reviewed Conference Proceedings

Amy Cheatle and Steven Jackson. 2023. *(Re)collecting Craft: Reviving Materials, Techniques, and Pedagogies of Craft for Computational Makers*. Proc. ACM Hum.-Comput. Interact. 7, CSCW2, Article 250 (October 2023), 23 pages. https://doi.org/10.1145/3610041

Amy Cheatle, Hannah Pelikan, Malte Jung, and Steven Jackson. 2019. Sensing (Co)operations: Articulation and Compensation in the Robotic Operating Room. Proc. ACM Hum.-Comput. Interact. 3, CSCW, Article 225 (November 2019), 26 pages. https://doi.org/10.1145/3359327 Best Paper Award (top 1%)

Eva Infante Mora, Davydd J. Greenwood and Melina Ivanchikova, **Amy Cheatle**, et al. Issue 3: *Action research for university reform: The CASA-Sevilla study abroad programme in Spain.* Guest Editors: pp. Vii-119. Dec. 2019

Hannah R. M. Pelikan, **Amy Cheatle**, Malte F. Jung, and Steven J. Jackson. 2018. Operating at a Distance - How a Teleoperated Surgical Robot Reconfigures Teamwork in the Operating Room. Proc. ACM Hum.-Comput. Interact. 2, CSCW, Article 138 (November 2018), 28 pages. https://doi.org/10.1145/3274407

Dongwook Yoon, Nicholas Chen, Bernie Randles, **Amy Cheatle**, Corinna E. Löckenhoff, Steven J. Jackson, Abigail Sellen, and François Guimbretière. 2016. RichReview++: Deployment of a Collaborative Multi-modal Annotation System for Instructor Feedback and Peer Discussion. In Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW '16). Association for Computing Machinery, New York, NY, USA, 195–205. https://doi.org/10.1145/2818048.2819951

Amy Cheatle and Steven J. Jackson. 2015. Digital Entanglements: Craft, Computation and Collaboration in Fine Art Furniture Production. In Proceedings of the 18th ACM Conference on Computer Supported Cooperative Work & Social Computing (CSCW '15). Association for Computing Machinery, New York, NY, USA, 958–968. https://doi.org/10.1145/2675133.2675291 Honorable Mention Award (top 5%)

Bernie Randles, Dongwook Yoon, **Amy Cheatle**, Malte Jung, and Francois Guimbretiere. 2015. Supporting Face-to-Face Like Communication Modalities for Asynchronous Assignment Feedback in Math Education. In Proceedings of the Second (2015) ACM Conference on Learning @ Scale (L@S '15). Association for Computing Machinery, New York, NY, USA, 321–326. https://doi.org/10.1145/2724660.2728684.

Book Chapters

Amy Cheatle, Martin Abbott, Lissette Lorenz. Greening Our Thumbs: The narrative practice of caring for plants and people through community zine making. In: *Narrating the Multispecies World*: *Stories in times of crisis, loss, and hope.* Forthcoming. May 31, 2025. ISBN: 9783839470565

Amy Cheatle, Steve Jackson, *Wendell Castle Remastered: Essays on Process*. Catalog Essay. The Artist Book Foundation NY, NY. Published in conjunction with an artist retrospective at Museum of Art and Design, NY, NY October, 2015.

Invited talks, presentations, panels, and workshops

2024 Amy Cheatle, Kathleen Landy. *Strengthening Relationships through an AI-Focused Curriculum Mapping Process*. 49th annual POD Network Conference. Conference Talk Chicago, Illinois. November, 2024

2024 Amy Cheatle, *AI Retrieval Augmented Generation Workshop,* Participant, Southern Oregon University. September, 2024.

2024 Amy Cheatle, Bernadette Boscoe. Experiments with computer vision panel. *Green Crossing: Student Machine Learning in the Life Sciences.* European Association for the Study of Science and Technology (EASST) and the Society for Social Studies of Science (4S). July, 2024

2023 Amy Cheatle*, Martin Abbott, Lissette Lorenz, *Greening Our Thumbs: The narrative practice*

of caring for plants and people through community zine making. July, 2023 *Contributed Equally

2021 Amy Cheatle, Sounding the OR in *Bending Instruments* with Trevor Pinch and Papalexandri-Alexandri 2021. Cornell University, 2021.

2021 Amy Cheatle, AI in work panelist, at, *AI in Society*. Cornell University, 2021

2018 Liz Balko, Terry Bolton, Amy Cheatle *Instructional Design in the Wild: A Case Study in Distributed Teaching and Learning from the Field.* Consortium of College and University Media Centers (CCUMC). Salt Lake City, Utah. 2018

2018 Amy Cheatle, *Sensing Machines: recalibrating the sensible in robotically-oriented operating rooms.* 14th Annual Department of Cinema and New Media Studies Graduate Student Conference. University of Chicago, Chicago Il. 2018

2018 Amy Cheatle, *The Robotic Sensorium*. 2018 Bovay Seminar Series in Engineering, Cornell University, Ithaca, NY

2016 Amy Cheatle, *Communities of Practice for Instructional Designers*. Presented at *Proceedings of the 2016 SIGGUCS, Conference,* Denver Colorado, March 2016

2015 Amy Cheatle *Large Canvases, New Painted Works of Amy Cheatl*e. Corners Gallery, Ithaca NY. April, 2015

2015 Amy Cheatle, Bernie Randles. *Incorporating Feminist Perspectives to Develop and Sustain Inclusionary Practices in Open Online Education Environments.* Workshop paper in *Computer Supported Collaborative Work (CSCW) Conference, Vancouver, BC,* February 2015

GRANT EXPERIENCE

AquiLLM: a RAG-LLM to preserve tacit knowledge in research groups. Alfred P. Sloan Foundation. Nov 2024 - Oct 2025. *Subaward*

RESEARCH EXPERIENCE

AquiLLM: a RAG-LLM to preserve tacit knowledge in research groups. Alfred P. Sloan Foundation Nov 2024-Oct 2025. Principal fieldwork on computational physics and violin acoustics.

Qualitative and collaborative researcher with Ritik Batra. Developing a code book: from classical craft to contemporary fabrication March-June, 2025

PROFESSIONAL and WORK-RELATED EXPERIENCE

2017-Present *Instructional Designer*, Center for Teaching Innovation, Cornell University

2015-2017 *Team Supervisor*, Instructional Design Team, Office of the CIO, Cornell University

2012-2015 *Manager,* Student Technology Assistant Program, CIO, Cornell University, Ithaca, NY.

SERVICE

University Service

2025 AI in Teaching and Learning Committee at Cornell

2024-2025 Co-organizer Bovay Seminar for Ethics in AI at Cornell

Student Mentoring

2025 Socrates AI Project, LLM for student learning, at Cornell

2019-2024 Coach in Entrepreneurial Studies, Hobart and William Smith Colleges, Geneva, NY

2012-Present Regular supervision of student projects related to technological interventions and integrations in the classroom, at Cornell

Field-based Service

2025 Reviewer for ACM DIS
2021- 2024 Reviewer for Science, Technology, and Human Values
2023 Reviewer for ACM DIS
Received special recognition for outstanding review
2023 Reviewer, Social Studies of Science Sage publishing
2023 Reviewer for ACM CHI
Received special recognition for outstanding review
2021 Reviewer for ACM Creativity and Cognition
2021 Reviewer for ACM Mobile Computing
2021 Reviewer for ACM CHI
Received special recognition for outstanding review
2020 Reviewer for ACM CHI
2019 Reviewer for ACM CHI
Received special recognition for outstanding review

ORCID: 0009-0009-8826-1865