

Hannen Wolfe

Department of Computer Science, Colby College
4000 Mayflower Hill, Waterville ME, 04901

Email: hewolfe@colby.edu
Website: <https://cs.colby.edu/hewolfe/>

Academic Appointments

- 2019 - present Assistant Professor of Computer Science
Colby College, Waterville, Maine
- 2018 Teaching Associate
University of California, Santa Barbara. Santa Barbara, California
- 2014 - 2019 Graduate Student Researcher, AlloSphere Research Group
University of California, Santa Barbara. Santa Barbara, California

Professional Experience

- 2010 - 2012 Software Engineer/Business Analyst, SunEdison
San Francisco, California

Education

- Ph.D. University of California, Santa Barbara, Santa Barbara, California, 2019.
Major Area: Media Arts and Technology
Degree Emphasis: Certification in College and University Teaching
- M.S. University of California, Santa Barbara, Santa Barbara, California, 2017.
Major Area: Computer Science
- B.A. Bennington College, Bennington, Vermont, 2009.
Concentration: Visual Arts

Peer Reviewed Publications

* denotes equal contribution

[†] denotes Colby College student

- 2027 **H. Wolfe**. Live Action Role Playing, a Rehearsal for Revolution. *The Drama Review*.
[[conditionally accepted]]
- 2025 **H. Wolfe**. 2025. Paper Bark. *In Proceedings of the 2025 Conference on Creativity and Cognition (Virtual Event) (CC '25)*. Association for Computing Machinery, New York, NY, USA, 846–848.
<https://doi.org/10.1145/3698061.3726943>
- 2024 **H. Wolfe**, A. Dimitrov[†], & J. Kuchera-Morin. 2024. Exhibition Spaces for Human-Robot Interaction Tactile Data Collection. *In Proceedings of the 29th International Symposium on Electronic Arts: ISEA2024 Everywhen Proceedings. Volume 1: Academic Papers*. Queensland University of Technology and ISEA International, Brisbane, Qld, Australia, 809-813.
<https://doi.org/10.5204/book.eprints.256296>

- 2024 **H. Wolfe**, Y. Su[†], and J. Wang[†]. 2024. Dimensional Design of Emotive Sounds for Robots. In *Proceedings of the 2024 ACM/IEEE International Conference on Human-Robot Interaction* (Boulder, CO, USA) (*HRI '24*). Association for Computing Machinery, New York, NY, USA, 791–799. <https://doi.org/10.1145/3610977.3634968>
- 2023 S. Sajadieh* & **H. Wolfe***. 2023. Designing Interrogative Robot Theater: A Robot Who Won't Take No for an Answer. In *Creating Digitally. Intelligent Systems Reference Library, vol 241*. Brooks, A.L. (eds) Springer International Publishing, Cham, 183–211. https://doi.org/10.1007/978-3-031-31360-8_7
- H. Wolfe**, A. Lilleston and C. Rogerson[†], 2023. Reinterpreted Spaces An AI-Printmaking Collaboration. In *2023 IEEE VIS Arts Program* (Melbourne, Australia) (*VISAP '23*). 20–34. <https://doi.org/10.1109/VISAP60414.2023.00008>
- 2022 **H. Wolfe*** and S. Sajadieh*. 2022. A Robo-Pickup Artist Breaking Gender Norms. In *2022 17th ACM/IEEE International Conference on Human-Robot Interaction (HRI)*. 1210–1211. <https://doi.org/10.1109/HRI53351.2022.9889610>
- 2020 Ş. Kiratlı*, **H. Wolfe***, and A. Bundy. 2020. Cacophonic Choir: An Interactive Art Installation Embodying the Voices of Sexual Assault Survivors. *Leonardo* 53, 4 (07 2020), 446–450. https://doi.org/10.1162/leon_a_01935
Also published as...
Ş. Kiratlı*, **H. Wolfe***, and A. Bundy. 2020. Cacophonic choir: an interactive art installation embodying the voices of sexual assault survivors. In *ACM SIGGRAPH 2020 Art Gallery* (Virtual Event, USA) (*SIGGRAPH'20*). Association for Computing Machinery, New York, NY, USA, 446–450. <https://doi.org/10.1145/3386567.3388573>
- 2019 S. Sajadieh* and **H. Wolfe***. 2019. Come Hither to Me: Performance of a Seductive Robot. In *Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems* (Glasgow, Scotland Uk) (*CHI EA '19*). Association for Computing Machinery, New York, NY, USA, 1–4. <https://doi.org/10.1145/3290607.3313287>
- 2017 **Wolfe, H.**, Peljhan, M., & Visell, Y. 2017. Singing Robots: How Embodiment Affects Emotional Responses to Non-Linguistic Utterances. *IEEE Transactions on Affective Computing* 11, 2 (2020), 284–295. <https://doi.org/10.1109/TAFFC.2017.2774815>
- J. Kuchera-Morin, L. Putnam, L. Peliti, D. Adderton, A. Cabrera, KH. Kim, G. Rincon, J. Tilbian, **H. Wolfe**, T. Wood, and K. Youn. 2017. PROBABLY/POSSIBLY? An Immersive Interactive Visual/Sonic Quantum Composition and Synthesizer. In *Proceedings of the 25th ACM International Conference on Multimedia* (Mountain View, California, USA) (*MM '17*). Association for Computing Machinery, New York, NY, USA, 559–561. <https://doi.org/10.1145/3123266.3129324>
- 2015 MHW. Rosli, K. Yerkes, T. Wood, **H. Wolfe**, C. Roberts, A. Haron, F. Estrada & M. Wright. 2015. Ensemble Feedback Instruments. In *Proceedings of the International Conference on New Interfaces for Musical Expression* (Baton Rouge, Louisiana, USA) (*NIME '15*). 144–149. <https://doi.org/10.5281/zenodo.1179170>

Juried Group Exhibitions & Performances

- 2025 “Cybernetic Oracle” Currents New Media Festival 2025. Santa Fe, New Mexico. [[proceedings](#)]
6% acceptance
- “Paper Bark” ACM Creativity and Cognition Conference (C&C 2025). Remote. [[proceedings](#)]
- “Paper Bark” International Joint Conferences on Artificial Intelligence Art Gallery (IJCAI 2025). Montreal, Canada. [[catalogue](#)]
- 2024 “Cybernetic Oracle” SIGGRAPH Art Gallery 2024. Denver, Colorado. [[proceedings](#)]
6% acceptance
- “Paper Bark” Art Gallery at the International Symposium for Electronic Art (ISEA 2024). Brisbane, Australia. [[proceedings](#)]
- 2023 “Cacophonic Choir” International Symposium for Electronic Art (ISEA 2023). Paris, France. (collaboration with Şölen Kıratlı and Alex Bundy) [[proceedings](#)] *10% acceptance*
- 2022 “Cacophonic Choir” New Technological Art Award Exhibition (NTAA). Ghent, Belgium. (collaboration with Şölen Kıratlı and Alex Bundy) [[catalogue](#)] *2% acceptance*
- 2021 “Cacophonic Choir” Installations, New Interfaces for Musical Expression. Remote / New York University Shanghai, China. (collaboration with Şölen Kıratlı and Alex Bundy) [[proceedings](#)]
- “Cacophonic Choir” Installations, Conference on Computation, Communication, Aesthetics & X. Remote / Graz, Austria. (collaboration with Şölen Kıratlı and Alex Bundy) [[proceedings](#)]
- 2020 “Cacophonic Choir” SIGGRAPH Art Gallery. Washington D.C., USA / Remote. (collaboration with Şölen Kıratlı and Alex Bundy) [[proceedings](#)] *10% acceptance*
- “Cacophonic Choir” IEEE Visualization Art Gallery. Remote. (collaboration with Şölen Kıratlı and Alex Bundy) [[catalogue](#)]
- 2019 “Touching Affectivity” Installations, New Interfaces for Musical Expression. Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil. [[program](#)]
- “Come Hither to Me!” Interactivity, CHI Conference on Human Factors in Computing Systems. Glasgow, Scotland. (collaboration with Sahar Sajadieh) [[proceedings](#)]
- 2017 “ROVER” Bio-creation and Peace. International Symposium of Electronic Arts. Manizales, Colombia. [[catalogue](#)]
- “PROBABLY/POSSIBLY?” Bio-creation and Peace. International Symposium of Electronic Arts (ISEA 2017). Manizales, Colombia. (collaboration with the AlloSphere Research Group) [[catalogue](#)]
- “PROBABLY/POSSIBLY?” Computer History Museum. ACM Multimedia. [[proceedings](#)]
Mountain View, California. (collaboration with the AlloSphere Research Group)
- 2015 “Feedback Rings” New Interfaces for Musical Expression Concert, Louisiana State University Baton Rouge. Baton Rouge, Louisiana. (performance with the CREATE Ensemble) [[proceedings](#)]

Curated Group Exhibitions & Performances

- 2024 “Cacophonic Choir” PRISMA 2024. Aveiro, Portugal. (collaboration with Şölen Kıratlı and Alex Bundy) [[catalogue](#)]
- 2019 “Cacophonic Choir” Plugin, Contemporary Istanbul. Istanbul, Turkey. (collaboration with Şölen Kıratlı and Alex Bundy) [[catalogue](#)]
- “Bodies at Work: I Love My Robot and My Robot Loves Me” Multimodal Performance Festival. Glass Box Gallery, Santa Barbara, California. (collaboration with Sahar Sajadieh)
- 2018 First Thursday, Santa Barbara Center for Art Science and Technology. Santa Barbara, California.
- “Come Hither to Me!” Invisible Machine, Santa Barbara Center for Art Science and Technology. Santa Barbara, California. (collaboration with Sahar Sajadieh)
- “Hydrogen-Like Atom” Sullivan Goss Gallery. Santa Barbara, California. (collaboration with the AlloSphere Research Group)
- 2017 “Hydrogen-Like Atom” Museum of Exploration and Innovation. Santa Barbara, California. (collaboration with the AlloSphere Research Group)
- 2016 CREATE AlloSphere Spatial Sound Concert. University of California, Santa Barbara, Santa Barbara, California. (collaboration with the CREATE Ensemble)
- 2015 Karlsruhe HFG Opening Ceremony. Karlsruhe, Germany. (collaboration with the CREATE Ensemble)
- “Carousel of Physics,” Santa Barbara Museum of Art. Santa Barbara, California. (collaboration with Dos Pueblos High School Engineering Academy)
- “Carousel of Physics,” Maker Faire. San Mateo, California. (collaboration with Dos Pueblos High School Engineering Academy)
- 2015 & 2018 Media Arts and Technology End of Year Show Concert, University of California, Santa Barbara. Santa Barbara, California. (collaboration with the CREATE Ensemble)
- 2014 Imagining the Universe - Music, Spirituality, and Tradition - Network Concert, University of California Santa Barbara and Stanford University. (collaboration with the CREATE Ensemble)
- 2014, 2015
2018 & 2019 CREATE Concert, University of California, Santa Barbara. Santa Barbara, California. (collaboration with the CREATE Ensemble)
- 2013 - 2018 *Various Works*. Annual Media Arts and Technology End of Year Show, University of California, Santa Barbara. Santa Barbara, California. [[catalogue](#)]
- 2008 - 2010 “Bennington Bookmarks” Crossett Library. Bennington, Vermont. (collaboration with Robert Ransick, Joe Holt, Ben Choiniere, Jess Funston, Rebecca Grabman, Jason Irla, David Meresman, Luce de Palchi, and Kyle Schroeder)

Talks, Demonstrations, & Workshops

- 2025 **Wolfe, H.** “Sunrise Wave Simulator.” Digital Naturalism Conference, Les Village, Bali, Indonesia, 2025.
- 2024 **Wolfe, H.** “Cybernetic Oracle: Large Language Models as Divination” Artist Talk at SIGGRAPH 2024. Denver, Colorado, 2024.
- Wolfe, H.** “Paper Bark: Materializing Place” Artist Talk at the International Symposium for Electronic Art (ISEA 2024). Brisbane, Australia, 2024.
- S. Sajadieh & **Wolfe, H.** “Interrogative Robot Theater” Artist Talk at the International Symposium for Electronic Art (ISEA 2024). Brisbane, Australia, 2024.
- 2023 S. Sajadieh & **Wolfe, H.** “Interrogative Robot Theater: A Playful, Performative Approach to Social Robotics” Robotic Art: Social and Aesthetic Dimensions. SPARKS at SIGGRAPH Digital Arts Community. Remote, 2023.
- Ş. Kıratlı & **Wolfe, H.** “Cacophonic Choir” Artist Talk at the International Symposium for Electronic Art (ISEA). Paris, France, 2023.
- 2022 **Wolfe, H.** “Eye-Tracking Artists Data Collection.” Digital Naturalism Conference, Batticaloa, Sri Lanka, 2022.
- S. Sajadieh* & **H. Wolfe*** “Come Hither to Me!” the Performance Workshop at the ACM International Conference on Interactive Media Experiences (IMX) Conference 2022. Remote, 2022.
- 2021 **Wolfe, H.** “Generative Emotion for Robotic Media Art” Robotics, Electronics and Artificial Intelligence. SPARKS at SIGGRAPH Digital Arts Community. Remote, 2021.
- Kıratlı, Ş. & **Wolfe, H.** “Cacophonic Choir,” Digital Futures World | New Media Architecture(s) Remote, 2021.
- 2019 Kıratlı, Ş. & **Wolfe, H.** “Cacophonic Choir,” SOUND::GENDER::FEMINISM::ACTIVISM – TOKYO. Chinretsukan Gallery, Tokyo University of the Arts. Tokyo, Japan, 2019.
- 2018 **Wolfe, H.** “Island Caterpillar.” Digital Naturalism Conference, Koh Lon, Thailand, 2018.
- 2017 **Wolfe, H.** “R.O.V.E.R. the Reactant Observant Vacuous Emotive Robot.” Poster session presented at Computing Research Association-Women Graduate Cohort Workshop, Washington, D.C., 2017.

Invited Talks

- 2025 “New Media Art as Critical Computing” and Human-Robot Interaction Design workshop. Bates College, Lewiston, Maine, 2025.
- 2024 “Generating Emotive Sounds for Non-verbal Robots” The Computer Science Seminar Series. Union College, Schenectady, New York, 2024.
- “Artificial Environments, Agents and Text: Amplifying and Embodying Experiences through Interactive Art” The Visual Arts Seminar Series. University of California San Diego, San Diego, California, 2024.

- 2023 “Composing Technological Representations: Amplifying and Embodying Experiences through Interactive Art” The Creative Technologies Program at Virginia Tech. Blacksburg, Virginia, 2023.
- “Composing Technological Representations: Amplifying and Embodying Experiences through Interactive Art” The Digital Technology and Culture Program at Washington State University, Pullman. Pullman, Washington, 2023.
- “Cacophonic Choir” Keynote speaker for “Gender Equity Beyond the ‘Women in STEM’ Movement” at California State University Long Beach. Long Beach, California, 2023.
- 2021 “Interactive Media/Artificial Intelligence” Artificial Intelligence and Machine Learning. Colby College, Waterville Maine 2021.
- 2017 “Interactive Emotive Robots.” The MAT Seminar Series. University of California Santa Barbara, Santa Barbara, California. 2017.
- 2016 “The Reactant Observant Vacuous Emotive Robot: A study exploring emotive response to robots producing sound.” inTouch Health, Santa Barbara, California. 2016.

Awards, Scholarships, Grants, and Fellowships

- 2023 Davis Institute for AI Technology Grant.
- 2022 Short-listed for New Technological Art Award (2nd place public vote, 4th place juried vote)
- 2021 Davis Institute for AI Course Module Grant.
- 2020 Best in Show, Art Gallery at ACM SIGGRAPH 2020.
- Featured Speaker at ACM SIGGRAPH 2020.
- McVey Data Science Grant
- LABS Peer Review Abstract, Leonardo/The International Society for Arts, Sciences and Technology. Claremont, California.
- 2017 Graduate Collaborative Research Grant, Interdisciplinary Humanities Center. Santa Barbara, California.
- 2016 & 2017 Deutsch Fellowship, Robert W. Deutsch Foundation. Baltimore, Maryland.
- 2014 & 2015 Mosher Fellowship, Mosher Foundation. Santa Barbara, California.
- 2012 Dean’s Fellowship, University of California, Santa Barbara. Santa Barbara, California.
- 2008 3rd Place, Cooper Hewitt People’s Design Award. New York, New York.
- 2005 President’s Scholarship, Bennington College. Bennington, Vermont.

Reviewer

Creativity and Cognition Artworks Reviewer 2026
ISEA Academic Papers Reviewer 2024, 2025
HRI 2025 Pioneers Reviewer
SIGGRAPH Gallery Triage Reviewer 2023, 2025
SIGGRAPH Gallery Juror 2024
NIME Art Gallery Reviewer 2022
SIGGRAPH Art Paper Reviewer 2018
IEEE Transactions on Affective Computing Paper Reviewer 2018

Media Coverage

Markowitz, Judith A. *Robots That Love: Artificial Amours in Myth, Folklore, Literature, Popular Culture and the Real World*. McFarland, 2025.

Haruguchi, Iwao. "SIGGRAPH 2024 Art Gallery" DIVA #58, Digital Interactive and Visual Art. Vol. 58, Spring/Summer 2025. <https://www.art-science.org/diva/>

Synced. "2020 in Review: 10 AI-Powered Art Projects" Synced: AI Technology & Industry Review. <https://syncedreview.com/2020/12/23/2020-in-review-10-ai-powered-art-projects/>

Haruguchi, Iwao. "SIGGRAPH 2019 Art Gallery" DIVA #48, Digital Interactive and Visual Art. Vol. 48, Summer 2021. <https://www.art-science.org/diva/>

"Art in the Age of TikTok" SIGGRAPH Spotlight Podcast, ACM SIGGRAPH 12 February 2021. <https://blog.siggraph.org/2021/02/siggraph-spotlight-episode-41-art-in-the-age-of-tiktok.html/>

Sabatini, Benedetta. "Cacophonic Choir, outside the choir." *Neural #67 Adversarial Tactics*. Autumn 2020. <http://neural.it/2021/04/cacophonic-choir-outside-the-choir/>

Meador, Laura. "Something Doesn't Compute." *Colby Magazine*, Colby College, 5 Oct. 2020, www.colby.edu/magazine/hannah-wolfe-reveals-techs-shortcoming-with-art-cs/.

Grove, Ricky. "Virtual Siggraph 2020 Week One," *Renderosity Magazine*, 23 Aug. 2020, magazine.renderosity.com/article/5994/virtual-siggraph-2020-week-one

Katz, Leslie. "AI-Driven Cacophonic Choir Amplifies Voices of Sexual Assault Survivors." CNET, 12 Aug. 2020, www.cnet.com/news/ai-driven-cacophonic-choir-amplifies-voices-of-sexual-assault-survivors/

Conferences, SIGGRAPH. "'Cacophonic Choir', the Sounds of Survivors' Stories." *ACM SIGGRAPH Blog*, ACM SIGGRAPH, 12 June 2020, blog.siggraph.org/2020/06/cacophonic-choir-the-sounds-of-survivor-stories.html/

Fernandez, Sonia. "Wired For Sound," *The UC Santa Barbara Current*, March 7th 2018.

Greene, Debra. "South Coast Graduate Student Creates 'Singing Robot' To Study Robot-Human Communication," KCLU, October 12th, 2018.