

Hannah Elizabeth Wolfe

Education

University of California, Santa Barbara

2012–2019 (Expected) PhD Candidate in *Media Arts and Technology*
Committee: Marko Peljhan, JoAnn Kuchera-Morin, and Yon Visell
2013–2017 Master's of Science in Computer Science
2012–2016 Master's of Science in Media Arts and Technology

Bennington College

2005–2009, Bachelors of Arts in Liberal Arts, Concentration in Visual Arts

Grants/Fellowships

2017 IHC Graduate Collaborative Research Grant
2016–2018 Deutsch Foundation Fellowship
2014–2016 Mosher Foundation Fellowship
2012 Dean's Fellowship

Appointments

University of California, Santa Barbara

2017 Teaching Associate, Summer Sessions
2014-2018 Graduate Student Researcher, Media Arts and Technology

Publications

Wolfe H., Peljhan M., & Visell Y. Singing Robots: How Embodiment Affects Emotional Responses to Non-linguistic Utterances. *IEEE Transactions on Affective Computing*. 2017. (in pre-print)

Adderton, D., Cabrera, A., Kuchera-Morin, J., Kim, K.H., Putnam, L., Peliti, L., Rincon, G.A., Tilbian, J., Wolfe, H., Wood, T., & Youn, K. PROBABLY/POSSIBLY?: An Immersive Interactive Visual/Sonic Quantum Composition and Synthesizer. *ACM Multimedia*. 2017.

Rosli, MHW., Yerkes, K., Wood, T., Wolfe, H., Roberts, C., Haron, A., Estrada F., & Wright, M. "Ensemble Feedback Instruments." *Proceedings of the International Conference on New Interfaces for Musical Expression* (Edgar Berdahl, Jesse Allison, eds.), Louisiana State University, 2015.

Performances/Exhibitions

ROVER (Reactive Observant Vacuous Emotive Robot)

June 2017, International Symposium of Electronic Arts, Manizales Colombia
May 2017, Re-habituation, EoYS, University of California Santa Barbara
May 2016, White Noise, EoYS, University of California Santa Barbara
May 2015, Open Sources, EoYS, University of California Santa Barbara
May 2014, End of Year Show, University of California Santa Barbara
May 2013, Shadows in Space, EoYS, University of California Santa Barbara

UCSB CREATE Ensemble

May 2018, CREATE presents Elaine Walker microtonal singer with Richard Boulanger, University of California Santa Barbara
February 2016, CREATE AlloSphere Spatial Sound Concert, University of California Santa Barbara

October 2015, Karlsruhe HFG Opening Ceremony, Karlsruhe Germany
June 2015, New Interfaces for Musical Expression Performance, Louisiana State University Baton Rouge
May 2015, End of Year Show Performance, University of California Santa Barbara
April 2015, CREATE Concert, University of California Santa Barbara
November 2014, Imagining the Universe - Music, Spirituality, and Tradition - Network Concert, University of California Santa Barbara and Stanford University
November 2014, CREATE Concert, University of California Santa Barbara

Hydrogen-like Atom by JoAnn Kuchera Morin

Interface design and implementation

April 2018, Sullivan Goss Gallery, Santa Barbara, CA, USA.
October 2017, ACM Multimedia, Mountain View, CA, USA.
June 2017, International Symposium of Electronic Arts, Manizales, Colombia
January-June 2017, MOXI, Santa Barbara, CA, USA.

Work in Industry

2010-2012. Programmer/Analyst, SunEdison, San Francisco California

Teaching

University of California, Santa Barbara

2017, Summer, Teaching Associate, "*Data-Driven Research – Creative Problem Solving with Python*", Summer Sessions
2014, Fall, Teaching Assistant, "*Art and Technology*" Media Arts and Technology Program
2014, Summer, Teaching Assistant, "*Introductory Experimental Physics*" Department of Physics
2014, Spring, Teaching Assistant, "*Digital Media Arts Strategies*" Department of Art
2014, Winter, Teaching Assistant, "*Introduction to Contemporary Practices III: Art Science and Technologies*" Department of Art
2013, Spring, Teaching Assistant, "*Introduction to Machine Shop*" Department of Mechanical Engineering

iD Tech Programming Academy UCLA

2014, Summer, Instructor "*Web Programming with HTML & PHP*"

Yeshiva of Greater Washington, Kensington, MD

2008, Winter, Substitute Teacher, *various subjects*