

Adriana Knouf

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Employment

- 2021– Independent self-employed artist, [tranxxeno lab](#) (KVK: 81623542, VAT: NL003584873B65)
- 2023– Owner and Developer, [selestium modular](#)
- 2023– Pathway Leader, Ecology Futures, Avans Creative Innovation, Den Bosch, NL
- 2023– Acting Pathway Leader (from August-December 2023), Visual Arts and Post-Contemporary Practice, Avans Creative Innovation, Den Bosch, NL
- 2021– Practice Tutor, Ecology Futures, Avans Creative Innovation, Den Bosch, The Netherlands
- 2019–2021 Assistant Professor, Art + Design, College of Arts, Media, and Design, Northeastern University, Boston, MA, USA
- 2013–2019 Assistant Professor, Cinema and Media Studies, Wellesley College, Wellesley, MA, USA

Education

- 2007–2013 PhD, Information Science, Cornell University, Ithaca, NY, USA
- 2005–2007 SM, Media Arts and Sciences, Massachusetts Institute of Technology, Cambridge, MA, USA
- 1998–2002 BS, Engineering and Applied Science, California Institute of Technology, Pasadena, CA, USA

Awards (selected)

- 2023 [Lumen Prize Longlist](#) for *TX-1*
- 2021 [Award of Distinction](#), Artificial Intelligence & Life Art, Prix Ars Electronica, for *TX-1*
- 2021 [Honorary Mention](#), Science Fiction Research Association (SFRA) Innovative Research Award for my text “Xenological Temporalities in the Search for Extraterrestrial Intelligence, Lovecraft, and Transgender Experiences”
- 2020 Prize Winner, The Lake Radio’s Works for Radio #4, for “A Trans Woman Reads the Harvard Sentences”
- 2011 Award of Distinction, *memefest* (<http://memefest.org>) in the Beyond category, for *Journal of Journal Performance Studies*
- 2008 Award of Distinction, *memefest* (<http://memefest.org>) in the Beyond category, for *Fluid Nexus*
- 2005 Honorable Mention, Prix Ars Electronica [the next idea] competition for *ætherspace*

Fellowships, Honors, Residencies, and Grants (selected)

2024–	European Media Art Platform and House of Natural Fiber/Indonesia Space Science Society, Yogyakarta, Indonesia
2023–	Stimuleringsfonds Experiment, for <i>Preparing to Become Tranxxeno: The Obxeno Apparatus</i>
2023–	SETI Institute Artist-in-Residence
2022	S+T+ARTS residency, “Repairing the Present”, “Decolonizing Mars” Challenge, Art Hub Copenhagen
2021	Eleonore residency, STWST, Linz, Austria
2021	Art4Med residence at Waag, Amsterdam, the Netherlands
2020–2021	3Package Deal artist, Amsterdam Fonds voor de Kunst
2020	Biofricton residency at Kapelica Gallery and Kersnikova Institute, Ljubljana, Slovenia
2020	Space Art Summer School, Memorial Museum of Cosmonautics, Moscow, Russia (online)
2019	Field_Notes - The Heavens Residency, Kilpisjärvi Biological Station, Lapland/Finland
2018	Wave Farm Transmission Arts Residency, Acra, NY
2014	Leonardo Abstracts Service (LABS) top-rated abstract for dissertation “Noisy Fields: Interference and Equivocality in the Sonic Legacies of Information Theory”
2012–2013	Mellon/ACLS Dissertation Completion Fellowship
2012–2013	Intel Science and Technology Center for Social Computing Graduate Researcher
2011–2012	Andrew W. Mellon Foundation Graduate Fellowship at the Cornell Society for the Humanities
2010	Turbulence.org Commission for <i>Journal of Journal Performance Studies</i>
2009	Full Tuition Fellowship for School for Criticism and Theory seminar on “Voice, Representation, Ideology”
2008–2011	HASTAC (Humanities, Arts, Sciences, and Technology Advanced Collaboratory Initiative) Scholar
2008	Selected for <i>Values in Design</i> NSF graduate student workshop
2008	Leonardo Abstracts Service (LABS) top-rated abstract for master’s thesis “Encouraging the Expression of the Unspeakable: Influence and Agency in a Robotic Creature”
2008	Selected for 2° Inclusiva-net Meeting: Redes digitales y espacio físico (Digital Networks and Physical Space), Medialab-Prado, Madrid, Spain
2007–2008	Full Tuition Fellowship, Cornell University Program in Information Science
2005	MIT Council of the Arts Grant for <i>seamless</i> , version 1.0
2004	MIT Council of the Arts Director’s Grant for 44#444
1998–2002	California Institute of Technology President’s Scholarship

Book

1. N. Adriana Knouf, *How Noise Matters to Finance*, Forerunners: Ideas First (Minneapolis: University of Minnesota Press, 2016).

Peer-Reviewed Journal Publications

1. Radio Amatrices (Audrey Briot, Sasha Engelmann, Adriana Knouf, Afroditi Psarra), “FemSat: Propositions for Feminism in Radiophonic Space,” *Espace art actuel*, 130 2022, <https://monday-journal.com/femsat-propositions-for-feminism-in-radiophonic-space/>.

2. Adriana Knouf, "Xenological Temporalities in the Search for Extraterrestrial Intelligence, Lovecraft, and Transgender Experiences," *Studies in the Fantastic*, no. 9 (2020): 23–43.
3. N. Adriana Knouf, "The Sounds of Information Theory," accepted pending minor revisions, *Configurations*, n.d.
4. N. A. Knouf, "Radio Feeds, Satellite Feeds, Network Feeds: Subjectivity Across the Straits of Gibraltar," *fibreculture*, no. 20 (2012), <http://twenty.fibreculturejournal.org/2012/06/19/fcj-140-radio-feeds-satellite-feeds-network-feeds-subjectivity-across-the-straits-of-gibraltar/>.
5. N. A. Knouf, "Whither the Libidinal University?," *Canadian Journal of Media Studies* 7 (2010): n.p., <http://cjms.fims.uwo.ca/issues/07-01/WhitherTheLibidinalUniversityRevised20100524.pdf>.
6. Chris I. Baker, Eli Peli, N. Knouf, and Nancy G. Kanwisher, "Reorganization of Visual Processing in Macular Degeneration," *Journal of Neuroscience* 25, no. 3 (2005): 614–618, <http://www.jneurosci.org/cgi/content/abstract/25/3/614>.
7. Kalanit Grill-Spector, N. Knouf, and Nancy Kanwisher, "The fusiform face area subserves face perception, not generic within-category identification," *Nature Neuroscience* 7, no. 5 (2004): 555–562, <http://dx.doi.org/10.1038/nn1224>.

Refereed Book Chapters

1. N. Adriana Knouf, "Electronic inclusions in handmade paper, or how to finesse material incongruities in the spirit of the Bauhaus," in *Bauhaus Futures*, ed. Mike Ananny, Laura Forlano, and Molly Wright Steenson (Cambridge: MIT Press, 2019), 235–246.
2. N. A. Knouf, "Transnetworks and the Fluid Nexus Project," in *Dis Connecting Media*, ed. Ulla Autenrieth, Andreas Blättler, Regine Buschauer, and Doris Gassert (Christoph Merian Verlag, 2011), 199–206, <https://fluidnexus.net/static/pdfs/DCM2009Submitted.pdf>.

Book Chapters

1. Adriana Knouf, "Fragments of Xenology," *ECOES* 6 (2024): 80–95.
2. Adriana Knouf, "Fragments of 'TX-2: MOONSHADOW Mission Requirements Document,'" in *Space Feminisms: People, Planets, Power*, ed. Marie-Pier Boucher, Claire Webb, Annick Bureau, and Nahum (Bloomsbury, 2024).
3. Adriana Knouf, "Xenological Life Potentials," in *Art as We Don't Know It*, ed. Erich Berger, Kasper Mäki-Reinikka, Kira O'Reilly, and Helena Sederholm (Espoo: Aalto ARTS Books, 2020), 42–49.
4. N. A. Knouf, "The Patterning Table," in *The Inner History of Devices*, ed. Sherry Turkle (Cambridge, MA: MIT Press, 2008), 49–54.

Invited Texts

1. Adriana Knouf, "Dearest Xen (Letters to Lichen)," *Prospections*, 2021, <https://www.bakonline.org/prospections/dearest-xen-letters-to-lichen/>.
2. Adriana Knouf, "What We Do in the Shadows: A Manifesto for Tranxxeno Becomings," *APRIA: ArtEZ Platform for Research Interventions of the Arts*, 2021, <https://apria.artez.nl/what-we-do-in-the-shadows/>.

Refereed Conference Papers

1. Adriana Knouf, "Amateur Lithopanspermia: Decolonial outer space perspectives, slowspace travel, and lichen-human hybrids," in *Proceedings of ISEA 2023* (2023).
2. Adriana Knouf, "Xenological Entanglements Surrounding Transgender Life in Space," in *Proceedings of ISEA 2022* (2022).
3. Adriana Knouf, "Constructing Xenological Encounters," in *Proceedings of ISEA 2020* (2020).
4. N. A. Knouf, "Felted Paper Circuits Using Joomchi," in *Proceedings of the Eleventh International Conference on Tangible, Embedded, and Embodied Interaction*, TEI '17 (Yokohama, Japan: ACM, 2017), 443–450, <http://doi.acm.org/10.1145/3024969.3025071>.
5. Orit Shaer, Lauren Westendorf, N. A. Knouf, and Claudia Pederson, "Understanding Gaming Perceptions and Experiences in a Women's College Community," in *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems*, CHI '17 (Denver, Colorado, USA: ACM, 2017), 1544–1557, <http://doi.acm.org/10.1145/3025453.3025623>.
6. N. A. Knouf, Claudia Pederson, Jennifer Gradecki, and Derek Curry, "Poetic Disruption in a Time of Surveillance," in *Proceedings of ISEA 2015* (2015), 1006–1013.
7. N. A. Knouf, "HCI for the Real World," in *Proceedings of the 27th International Conference on Human Factors in Computing Systems*, CHI EA '09 (2009), 2555–2564, <http://zeitkunst.org/media/pdf/HCIForTheRealWorld.pdf>.
8. Carl DiSalvo, Kirsten Boehner, N. A. Knouf, and Phoebe Sengers, "Nourishing the ground for sustainable HCI: considerations from ecologically engaged art," in *Proceedings of the 27th International Conference on Human Factors in Computing Systems*, CHI '09 (2009), 385–394. **Nominated for Best Paper award.**
9. N. A. Knouf, "Reinterpreting networks of people as fluid for political purposes," in *Proceedings of ISEA2008: The 14th International Symposium on Electronic Art* (Singapore, Singapore, 2008), 273–274, http://zeitkunst.org/media/pdf/FluidNexus_ISEA2008.pdf.
10. N. A. Knouf, "syngva: an object that raises questions of agency, relationship, and control," in *C&C '07: Proceedings of the 6th ACM SIGCHI Conference on Creativity & Cognition* (Washington, DC, USA: ACM Press, 2007), 288–288.
11. N. Knouf, "Variations 10b: a Digital Realization of Cage's Variations II," in *MULTIMEDIA '06: Proceedings of the 14th Annual ACM International Conference on Multimedia* (Santa Barbara, CA, USA: ACM Press, 2006), 736–739, <http://zeitkunst.org/media/pdf/p736-knouf.pdf>.

Non-Refereed Publications

1. N. Knouf and Claudia Pederson, "Art for Spooks," *Media-N: Journal of the New Media Caucus* 12, no. 2 (2016), <http://median.newmediacaucus.org/caa-conference-edition-2016-washington-dc/art-for-spooks/>.
2. N. A. Knouf, "Communication in the Wake of Snowden," *Media-N: Journal of the New Media Caucus* 10, no. 1 (2014), <http://median.newmediacaucus.org/art-infrastructures-information/communication-in-the-wake-of-snowden/>.
3. Claudia Costa Pederson and N. A. Knouf, "Civil Society and Novel Assemblages: On Persistent Iteration and My Piece of Chennai," 2010, accessed May 18, 2012, <http://c-m-l.org/?q=node/528>.
4. N. Knouf, "Review of Lisa Nakamura, 'Digitizing Race: Visual Cultures of the Internet,'" 2009, <http://rccs.usfca.edu/bookinfo.asp?BookID=421&ReviewID=594>.
5. N. A. Knouf, "Archiving the Present," *Ithaca Times* XXX, no. 31 (April 2, 2008): 17, 23.
6. Claudia Costa Pederson and N. A. Knouf, "Seized and displayed," Review of *Seized* by Critical Art En-

semble and Institute of Applied Autonomy, presented at Hallwalls Contemporary Art Center (Buffalo, New York, June 7 – July 19), *Afterimage* 36, no. 2 (2008): 31–32.

Keynotes

- 2022 “Outer Space for the Rest of Us”, Women in Tech, Stockholm, Sweden, 13 May
 2020 “Xenological Life Potentials”, keynote at the book launch for *Art as We Don’t Know It*, Bioart Society, SOLU Space, Helsinki, Finland, 5 March

Invited Presentations and Workshops (selected)

- 2024 [Reading Group: Goddess Change](#), Buro Stedelijk, Amsterdam, the Netherlands, 22 June
 2024 Radio antennas and satellite transmissions workshop, MADTech, Frank Mohr Institute, Groningen, the Netherlands, 13 June
 2024 Radio antennas and satellite transmissions workshop, artist talk, HEAD, Geneva, Switzerland, 8 May
 2024 Preparing to Become Tranxxeno: Deeper Time workshop, La Traverse, Marseille, France, 20 April
 2024 Preparing to Become Tranxxeno: Deeper Time workshop, AKI BIO MATTERS, 4 April
 2024 Preparing to Become Tranxxeno: Deeper Time workshop, Waag BioHack Academy, 3 April
 2024 [“Some Fragments of Xenology: ‘you realise that the fieldlines intersect at the unexpected moment already’”](#), Sonic Acts Symposium, Amsterdam, The Netherlands, 25 February
 2024 Winter School workshop on the “Universe” as part of “Cult of the Earth”, Academy of Architecture, Amsterdam, The Netherlands, 11-19 January
 2023 Presentation in moving image module, Royal Academy of Art, The Hague, The Netherlands, 1 December
 2023 “Contagious & Queer: Orientations for Transitioning Times”, IDFA, Amsterdam, The Netherlands, 17 November
 2023 Presentation in graduate seminar (online), UCLA Department of Music, Los Angeles, CA, United States, 15 November
 2023 Presentation in “Dark Skies” module, Royal Academy of Art, The Hague, The Netherlands, 15 November
 2023 “A Crash Course in Art & Media Technology: Media Art x LGBTQIA+”, V2_Lab for the Unstable Media, Rotterdam, The Netherlands, 24 October
 2023 Presentation in “Things and Stuff” module at Willem de Koning Academy, Rotterdam, The Netherlands, 29 September
 2023 “Xenology, Alienness, and Trans Futures: A conversation with Adriana Knouf”, SETI Institute (online), 6 July
 2023 “What is a temporal transfer orbit?”, HacTe Barcelona, 1 June
 2023 “In Extraterrestrial Space, All Bodies Are Trans Bodies”, Art Laboratory Berlin, 11 May
 2023 “Extraterrestrial existences in the context of three ecologies”, Sandberg Institute Critical Studies program, 30 March
 2023 “Queering Space Exploration” and screening of *Temporal Transfer Orbit*, MU Hybrid Art Space, 24 March

- 2022 “Queering Space Exploration”, CLICK/Kulturværftet, Helsingør, DK, 25 August
- 2022 “Queering Space Exploration” and screening of *DEAR INTERLOCUTOR: TX-1*, Copenhagen Planetarium, 18 August
- 2022 “Tranxxeno Becomings in Decolonial Speculative Futures: Amateur Lichenology” presentation and workshop, European Media Art Festival, 22 April
- 2022 “Practices in Bioprospecting” workshops with Špela Petrič, AKI BIO MATTERS, March and April
- 2022 Waag BioHack Academy, 21 March
- 2022 Moon Gallery launch event, 5 March
- 2021 “Preparing to become tranxxeno” workshop, AKI BIO MATTERS, 25 November
- 2021 Presentation on the strange, alien and other, Waag, Amsterdam, the Netherlands, 18 November
- 2021 Big Idea presentation, InScience Festival, Nijmegen, the Netherlands, 13 November (cancelled due to COVID restrictions)
- 2021 Other Futures Festival, Amsterdam, the Netherlands, 5–6 November
- 2021 FIBER Festival, Amsterdam, the Netherlands, 28 October
- 2021 “Which Bodie(s) in/for Space”, Paris, France, 26 October
- 2021 Presentation on radio art, La Generale, Paris, France, 21 October
- 2021 “Writing Letters to Extraterrestrials”, ICI, Berlin, Germany, 22-24 September
- 2021 “Make Me A Signal”, Performance, STWST 48x7, Linz, Austria, 12 September
- 2021 “Prix Forum”, Ars Electronica Festival, Linz, Austria, 12 September
- 2021 “Preparing to Become Tranxxeno: Deeper Time”, Linz, Austria, Ars Electronica Festival, 9 September
- 2021 “Speculative writing workshop: how to field note?”, Science Park, Waag, 10 July
- 2021 “TX-1”, Ūmėdė, Vilnius, Lithuania, 18 June
- 2021 “Hope Chest for the Transitioning Times”, Open Source Body, Paris, France, 20 May
- 2021 “Facilitating New Relations for the Tranxxeno”, Material Trajectories: Designing with Care, DGTF Annual Conference, 7 May
- 2021 Workshop on Measurement with Špela Petrič, AKI BIO MATTERS, 1 April
- 2021 “Fragments of Xenology”, Bauhaus-Universität Weimar, 23 March
- 2021 “Mutable Toolkit for Tranxxeno Becomings in Quantum Spacetimes”, University of Washington, 29 January
- 2020 “Mutable Toolkit for Tranxxeno Becomings”, Nepantlas, Akademie Schloss Solitude, 10 December
- 2020 “Intoxicated by Estrogen”, Freaktion Bar #14, Kersnikova Institute/Kapelica Gallery, Ljubljana, Slovenia, 3 December
- 2020 Invited artist talk, AKI BIO MATTERS, 26 November
- 2020 “Fragments of Xenological Entanglements”, ArtSat Workshop, INPE, Brazil, 24 November
- 2020 “On the Audacity of Imagining Transgender/Non-Binary People in Space”, NASA Jet Propulsion Laboratory, La Cañada Flintridge, California (online), 30 June
- 2020 “On the Audacity of Imagining Transgender/Non-Binary People in Space”, “Fragile Life” session on space art, Bioart Society, SOLU Space, Helsinki, Finland (online), 26 May
- 2018 Herman Lecture respondent, Music Department, Wellesley College, 29 October
- 2018 “The Xenology Notebooks”, Digital and Interdisciplinary Art Practice, The City College of New York, 25 October
- 2018 “The Xenology Notebooks”, TZE, Wellesley College, 16 October

- 2018 “The Xenology Notebooks”, Presentation in Studio Art Senior Seminar, Wellesley College, 4 October
- 2018 “Letters to Extraterrestrials: Satellite Ground Station”, DePaul University, 1 February
- 2018 Artist Talk, “Of those moments in-between, everything”, Wichita State University, 25 January
- 2015 Presentations on *Art for Spooks* (with Claudia Pederson), Finger Lakes Environmental Film Festival (FLEFF), 9-10 April
- 2015 Workshop on Augmented Reality at the Tinker Factory, Cornell University, 9 April
- 2014 Artist talk in conjunction with “New View: 2014 Faculty Show” at the Davis Museum, Wellesley College
- 2014 Artist presentation in “Theories of Art: History and Culture”, course taught by Claudia Pederson, Wichita State University
- 2014 Guest Lecture for “The History of New Media”, course taught by Mike Maizels, Wellesley College
- 2014 Guest Lecture for “Multimedia Design and Programming”, course taught by Takis Metaxas, Wellesley College
- 2012 “Incubator Project: Robotics Interaction Theory” workshop at the Cornell Society for the Humanities, 12 October
- 2012 “Noisy Fields”. Berkeley Center for New Media, University of California, Berkeley, 14 February
- 2012 “Fluid Nexus”, invited workshop on network topology presented at *transmediale* 2012, Berlin, Germany, February 3
- 2011 “Network Topology as a Site of Resistance”. Píksel 2011, Bergen, Norway, November
- 2008–2011 Artist presentation in “Blasting the Machine”, course taught by Claudia Pederson, Art History and Visual Studies department, Cornell University, Fall
- 2009 Upgrade! Boston, Boston, MA, 13 October
- 2009 Artist presentation in “Cybernetics, Systems, Software”, course taught by Jo-Anne Green, Emerson College, 13 October
- 2009 Bovay Seminar in the History and Ethics of Engineering, Cornell University, 7 October
- 2009 “Transnetworks”, *dis/connecting/media*, Bern, Switzerland, 3 October
- 2009 “Syncopation”, workshop on sound and games with co-leaders Arzu Ozkal-Telhan and Claudia Pederson, presented in conjunction with the Finger Lakes Environmental Film Festival (FLEFF), March 21 + April 3
- 2008 ESC, Oberlin College Department of Art, Oberlin, OH, USA, 13 October
- 2008 “Fluid Locality”, Finger Lakes Environmental Film Festival (FLEFF), Ithaca, NY, April
- 2006 “A Seamless Relationship: Technology and Materials”, AATCC New England Regional Conference, Mystic, CT, April

Conference and Research Presentations (selected)

- 2023 “Amateur Lithopanspermia: Decolonial outer space perspectives, slow space travel, and lichen-human hybrids”, ISEA 2023, 20 June
- 2022 “Xenological Entanglements Surrounding Transgender Life in Space”, ISEA 2022, 14 June
- 2020 “On the Audacity of Imagining Transgender/Non-Binary People in Space, and/or, how to a residency during a pandemic”, Taboo-Transgression-Transcendence, 26 November
- 2020 “Constructing Xenological Encounters”, ISEA, 13 October

- 2019 "in-cantare: xenology and incantation", Presented at Tuning Speculation VII, Toronto, Canada, 15 November
- 2019 "Computing with Xenobits, or, Entanglements with Quantum Decoherence", Presented at the Society for Literature, Science, and Art, Irvine, California, 9 November
- 2019 "How to Finesse Material Incongruities in the Spirit of the Bauhaus", Presented at the Society for Literature, Science, and Art, Irvine, California, 7 November
- 2018 "On care for extraterrestrial entities", Presented at the Society for Literature, Science, and Art, Toronto, Canada, 16 November
- 2018 "Notes on Xenomogrification", Presented at Tuning Speculation VI, Bloomington, IN, 2 November
- 2017 "Intimely vibrations, or how to be in time with radio", Presented at Tuning Speculation V, Toronto, Canada, 19 November
- 2017 "The temporal complexities of SETI, or how to think about an archaeology of a future moment of rupture", Presented at the Society for Literature, Science, and the Arts (SLSA) Annual Meeting, Tempe, AZ, 9 November
- 2017 "Considering Material Incongruities: On Integrating Handmade Paper and Electronics", Presented at the Friends of Dard Hunter Annual Conference, Atlanta, Georgia, 13 October
- 2017 "On Your Wrist is the Universe': Chrono- and Cosmo-poetics", presentation at the Electronic Literature Organization annual conference, Porto, Portugal, 22 July
- 2017 "Felted Paper Circuits Using Joomchi", Works in Progress demonstration at TEI 2017, Yokohama, Japan, 21 March
- 2016 "Augmented Reality – Invention/Reinvention" panel at the College Art Association Annual Meeting (with Claudia Pederson), Washington DC, 5 February
- 2015 "Poetic Disruption in a Time of Surveillance" Panel presentation with Claudia Pederson, Jennifer Gradecki, Derek Curry, ISEA 2015, August 17
- 2015 "Paranoia and Contemporary Surveillance" (with Claudia Pederson), Theorizing the Web 2015, 17 April
- 2015 "How the Mediation of Robotic Creatures Enables Parrhesia". Presented at the Society for Cinema and Media Studies Annual Meeting, Montreal, QC, 28 March
- 2014 "Accelerationism and the Fluidity of Finance". Presented at the Society for Literature, Science, and the Arts (SLSA) Annual Meeting, Dallas, Texas, 12 October
- 2014 "Noise, Parrhesia, and the Enunciative Potentials of Performing Objects". Presented at the Objects, Environments, and Actants conference, University of Connecticut, Storrs, Connecticut, 29 March
- 2013 "Some Micropolitical Potentials in Vocal 'Noise' Music". Presented at the Society for Literature, Science, and the Arts (SLSA) Annual Meeting, Notre Dame, Indiana, 3 October
- 2012 "The Sound of Information Theory". Presented at the Society for Social Studies of Science (4S) Annual Meeting, Copenhagen, Denmark, 20 October
- 2012 "The Noises of Finance". Presented at the Society for Literature, Science, and the Arts (SLSA) Annual Meeting, Milwaukee, Wisconsin, 28 September
- 2012 "Noisy Informatics from Milton Babbitt to Maja Ratkje". Cornell Society for the Humanities Fellows Workshop on "Sound: Culture, Theory, Practice, Politics", 20 April
- 2010 "Radio Feeds, Satellite Feeds, Network Feeds: Subjectivity Across the Straits of Gibraltar". DIY Citizenship Conference, University of Toronto, Toronto, CA, November
- 2010 "Transnetworks". Presented at the RPI STS Graduate Student Conference, Troy, NY, USA, 20 February

- 2009 "Questioning 'Openness' through a Study of Discussions Surrounding the OLPC XO Laptop". Presented at the Society for Social Studies of Science (4S) Annual Meeting, Washington, DC, USA, 29 October
- 2008 "Crossing Boundaries in Differing Contexts: Interdisciplinary Work Within Oneself." Presented at the Cornell Information Science Breakfast series, 18 April
- 2008 "Crossing Boundaries in Differing Contexts: Interdisciplinary Work Within Oneself." Presented at Cornell Science and Technology Studies (S & TS) Social Science Reading Group (SSRG), 31 March
- 2007 "The vocal that is non-speech: externalizing the unspeakable through interactions with a robotic creature". Presented at the Society for Literature, Science, and the Arts (SLSA) Annual Meeting, Portland, ME, 2 November
- 2007 "Designing and Observing the Use of an Object with (Presumed) Agency". Presented at the Society for Social Studies of Science (4S) Annual Meeting, Montreal, QC, Canada, 13 October
- 2007 "Creativity and the Not-Alive: Influences on our Behavior by Robotic Creatures". Presented at *Media in Transition 5*, MIT (Cambridge, MA, USA), 28 April

Teaching Experience

Ecology Futures, MIVC, St Jost, Avans Hogeschool, Den Bosch, the Netherlands

Growing Cultures 2: Bio Art. Algorithms as Life

Growing Cultures 1: Bio Art. Preparing for the Transitioning Times: Amateur Lichenology

Northeastern University, Boston, MA

ARTF2223: 5D Fundamentals: Experience and Drawing

Wellesley College, Wellesley, MA

CAMS 101, Introduction to Cinema and Media Studies

CAMS 106Y, Ghostly Mediums: Specters and Hauntings in Media History and Technology

CAMS/MAS 216, Creative Media Manipulation

CAMS 218, Theories of Media from Photography to the Internet

CAMS 270, The Light and the Dark of the Net: Histories and Theories of the Internet

CAMS 272, The Ludic Imagination: Histories and Theories of Games and Play

CAMS 276, Media Publics: Introduction to Civic Media

CAMS 320, Seminar: Sonic Modulations: Investigating Sound as a Medium

CAMS/MUSIC 378, Deconstructive Audio: Early Electronic Music and the Aesthetics of Outmoded Technology (co-taught with Jennifer Olivia Johnson, Music)

Ithaca College, Ithaca, NY

Lecturer, FLEFF Lab: The Microtopias Project (GCOM 12000-01), Roy H. Park School of Communications

Lecturer, FLEFF Lab: Checkpoints Project (DIIS 12000-01), Department of Interdisciplinary and International Studies

Lecturer, Open Space: FLEFF Lab (DIIS 12000-01 + DIIS 12000-02), Department of Interdisciplinary and International Studies

Cornell University, Ithaca, NY

TA, Introduction to Web Design and Programming (INFO/CS 1300)
 TA, Intermediate Design and Programming for the Web (INFO/CS 2300)
 TA, New Media and Society (INFO/COMM 3200)
 TA, Web Information Systems (INFO/CS 4302)

New Media Projects and Compositions

- 2023 [Preparing to Become Tranxxeno: The Obxeno Apparatus](#), long-duration, in-situ, off-grid observation of lichen development
- 2022 *Temporal Transfer Orbit (TTO)*, a 3-channel video meditation on space colonialism, queer transformation, and non-human space travel, told through archival footage and intimate shots of project TX-2:MOONSHADOW
- 2022 [TX-2: MOONSHADOW](#), solar sail cubesat for queer and trans decolonial futurities
- 2022 [What does xen dream of in the theatricum?](#), performance about trans bodies in ancient art, the history of the Waag, and transformation
- 2022 ["Dispatches from Radiotopia: Hamburg Rehearsal"](#), 5 track EP exploring amateur radio signals and modular synthesis (as Selestra)
- 2022 *Amateur Lithopanspermia*, a large-scale project about lichen, space, queerness, and post-colonial perspectives; projects TX-2: MOONSHADOW and Temporal Transfer Orbit are part of this project
- 2021 [Constructed Amateur Warblings: SSTV](#), exploring the sonic aspects of amateur radio transmission
- 2020 [Xenological Entanglements. 001b: Saccular Fount](#), photoperformance and speculative externalized hormonal production
- 2020 [Exomio Fragmissions](#), modulation of radiophonic spaces with encoded genetic data
- 2020 [Xenological Entanglements. 001a: Trying Plastic Variations](#), lecture-performance on the complexities of molecular jouissance
- 2019–2020 [TX-1](#), sculpture of transgender hormone replacement medications, launched to the International Space Station
- 2019 [A Trans Woman Reads the Harvard Sentences, with Necessary Modifications, or, Finding Occult Queer Futurities](#), a radio art piece exploring transgender vocal training and the histories of telecommunications
- 2019 [Enredos Sónicos/Sonic Plots](#), a transnational sound project between the US and Cuba exploring new feminist and queer ways of being together in light of the "sonic attacks". In collaboration with Claudia Pederson (US), Nestor Siré (Cuba), and Fruta Bomba (Cuba)
- 2018 [Lines sometimes meld when necessary](#), for FPV drone pilot, one to four musicians/vocalists, and augmented paper, exploring the relationships between volumes, lines, and humans and non-humans
- 2018 [Where were they when the noise started](#), for voice, flute, piano, radios, and microcassette tape, considering possible futures through a discovery of the occult potentials hidden in the Harvard Sentences
- 2018 [nudge gently, but wake her now](#), for composer's voice, vocalist, flute, piano, and electronics, using the Harvard Sentences to listen to the simultaneous modulations of time and the trans-voice

- 2018–
present *they transmitted continuously / but our times rarely aligned / and their signals dissipated in the æther*, 20 channel sound art installation with speakers made from handmade abaca paper and piezo electric elements, with sounds collected from satellite transmissions
- 2017–
present *PIECES FOR PERFORMER(S) AND EXTRATERRESTRIAL ENTITIES*, event scores laser etched into handmade translucent abaca paper
- 2017–
present *On your wrist is the universe*, generative poetry about satellites and the cosmos for your smartwatch
- 2014–2015 *Art for Spooks*, an augmented book that takes a poetic angle to electronic surveillance (with Claudia Pederson)
- 2014–2015 *sylloge of codes*, a self-contained wireless network for the exploration of new communication codes in the wake of Snowden
- 2008–2011 *Fluid Nexus*, an application for computers and Android phones that enables activists and relief workers to communicate independent of centralized mobile networks
- 2011 *afflator*, a project of the College of Ontopoetic Machines that explores questions of robot morphology and non-vocal interaction
- 2010 *Journal of Journal Performance Studies (JJPS)*, an set of three interrelated works (including a Firefox extension, internet radio station, and journal) that engage with issues of control and distribution in academic publishing
- 2009 *MAICgregator*, a Firefox extension that overlays information about the military-academic-industrial complex on college and university websites
- 2007 *syngva*: A creature that responds through motion to vocalizations; designed to not only encourage non-speech vocalizations, but also to study relationship formation and understandings of agency in computational objects
- 2006 *creatures to help prevent the end of the United States of America: facing the political other*: Two non-anthropomorphic creature sculptures that speak incendiary commentary from political blogs, designed to create an uncanny situation that provokes strangers into talking about politics
- 2006 *Variations 10b*: A digital realization of John Cage's piece *Variations II*, enabling the listener-performer to explore the physical space of the dots and lines of the composition
- 2006 *Mutable Recordings*: A tool to enable the listener to choose multiple interpretations of a single piece, seamlessly splicing phrases together
- 2005–2006 *seamless 1.0 and 2.0*: Computational fashion shows presented at the MIT Media Lab and the Boston Museum of Science
- 2005–2006 *Dissimilarity Measures and Emotional Responses to Music*: A machine learning-based analysis of dissimilarity between people via adjectival descriptions of emotional experiences to music
- 2005 *ætherspace*: a computational garment that uses transducers of electro-magnetic waves to turn "Hertzian space" into sonic waves, giving the wearer a better understanding of the electronically-embodied world

Solo Exhibitions

- 2018 *Of those moments in-between, everything*, Clayton Staples Gallery, Wichita State University
- 2011 *afflator*, Olive Tjaden Hall Experimental Gallery, Cornell University

Group Exhibitions and Performances

- 2024 [Cosmos Exhibition](#) with *Saccular Fount* and *DEAR INTERLOCUTOR: TX-1*, Indonesia Space Science Society, Institute France Indonesia, Yogyakarta, Indonesia, 19-30 July
- 2024 [Vivre en Lichen](#) with *TX-2: MOONSHADOW* (selections), La Traverse, Marseille, France, 15 March - 5 May
- 2024 [Voltage Control Amsterdam](#) as Selestra, 21 January
- 2023 [Modulation Utrecht](#) as Selestra, 12 November
- 2023 [“\(Co\)Owning More-than-Truth”](#) with *TX-2: MOONSHADOW*, Ars Electronic Festival Theme Exhibition, Linz, Austria
- 2023 [“WeWe Futures: Tap to Your Future”](#) with *Saccular Fount*, Taiwan Design Museum, Taipei, Taiwan
- 2023 [“Xenokinetics, or how to sense overlapping temporalities”, “Swamps and Stars”](#) organised by Planetary Listening, 13 May
- 2022–2023 [Beyond Borders and Binaries](#), with *DEAR INTERLOCUTOR: TX-1*, *TX-1*, and *Saccular Fount*, MU Hybrid Art Space, Eindhoven, The Netherlands
- 2022 [Repairing the Present: RETOOL](#), with *Temporal Transfer Orbit*, ZKM, Karlsruhe, Germany
- 2022 [ECO\(Systems\) of Hope](#), as part of <MTL> CONNECT, with *TX-1* (flight-ready model) Anteism Books, Montreal, Canada
- 2022 [Repairing the Present: REWILD](#), with *TX-2: MOONSHADOW*, MAXXI, the National Museum of 21st Century Arts, Rome, Italy
- 2022 [Plus que vivant \(More Than Living\): When art meets health and biomedical research](#), with *What does xen dream of in the theatricum?* and *Saccular Fount*, Cité Internationale des Arts, Paris, France
- 2022 [What does xen dream of in the theatricum?](#), Waag, Amsterdam, The Netherlands
- 2022 [Ritucols for Gender Transformation](#) (in collaboration with taro), STWST 48x8, Linz, Austria
- 2022 [Taoyuan Art x Technology Festival \(TAXT\)](#), with *DEAR INTERLOCUTOR:TX-1* and *TX-1* (flight-ready model), Taoyuan, Taiwan
- 2022 [IN TRANSFER – A NEW CONDITION](#), as part of [Esch 2022–European Capital of Culture](#), with *DEAR INTERLOCUTOR:TX-1* and *TX-1*, Esch-sur-Alzette, Luxembourg
- 2022 [No Dancing Allowed](#), with *DEAR INTERLOCUTOR: TX-1*, Q21, Vienna, Austria
- 2022 [Cosmopolitiques](#), with *TX-1* and *DEAR INTERLOCUTOR: TX-1*, Buropolis, Marseille, France
- 2021 [Cyberarts Exhibition](#), with *TX-1*, Linz, Austria
- 2021 [Biofriction exhibition](#), with *Xenological Entanglements. 001b: Saccular Fount*, Lisbon, Portugal
- 2021 [FLEFF 2021](#), [Entangled Infiltrations exhibition](#), for *Traveling Time: Aerosol Wormholes*
- 2020 [LAB KILL LAB](#), with *Exomio Fragmissions*, C-LAB, Taipei, Taiwan
- 2020.10.07 [Xenological Entanglements. 001a: Trying Plastic Variations](#), Mesto Žensk/City of Women Festival, Kapelica Gallery, Ljubljana, Slovenia
- 2020.04.24 [“A Trans Woman Reads the Harvard Sentences, with Necessary Modifications, or, Finding Occult Queer Futurities”](#), The Lake Works for Radio #4 Prize Presentation, Copenhagen, Denmark (online)
- 2020.03-04 [“A Trans Woman Reads the Harvard Sentences, with Necessary Modifications, or, Finding Occult Queer Futurities”](#), Borealis, Radio Space (online)

- 2019.05.17 “A Trans Woman Reads the Harvard Sentences, with Necessary Modifications, or, Finding Occult Queer Futurities”, Radiophrenia, Glasgow, Scotland
- 2019 *Enredos Sónicos/Sonic Plots*, Havana, Cuba, April 17 - May 8
- 2019.03.08 “A Trans Woman Reads the Harvard Sentences, with Necessary Modifications, or, Finding Occult Queer Futurities”, Mixtape #IWD, Dundalk Institute of Technology, Dundalk, Ireland
- 2018.11.10 *THE ALIEN (Dear Interlocutor)*, mixed-media performance of three new compositions, along with Jenny Johnson and Diana Dabby, Houghton Chapel, Wellesley College, Wellesley, MA
- 2018 *Context: Language, Media, and Meaning from the Surface Design Association*, Fuller Craft Museum, Brockton, MA
- 2018.07.28 “Drone Etude No. 1”, part of *The Aerial Actor* curated by eteam at Art Omi, Ghent, NY
- 2018 *Paper Trails*, Morgan Conservatory, Cleveland, OH
- 2018 “Let’s absorb the waves as we hold on for dear life”, part of Chigiana Radioarte
- 2018 “Let’s absorb the waves as we hold on for dear life”, part of the podcast series produced by Radio-Web MACBA (Museu d’Art Contemporani de Barcelona)
- 2017.03.11 “Let’s absorb the waves as we hold on for dear life”, part of WGXC 90.7FM Hands-on Radio
- 2017.03.04 “Let’s absorb the waves as we hold on for dear life”, part of the “Short Waves / Long Distance” program in conjunction with the Shortwave Shindig, broadcast on 6855khz from WRMI, Miami
- 2015 *Faculty exhibition* (with Claudia Pederson), Ulrich Museum, Wichita State University, Wichita, KS
- 2014 *New View: 2014 Faculty Exhibition*, Davis Museum, Wellesley College, Wellesley, MA
- 2014 *In-Transit / En tránsito*, Galería Macchina, Escuela de Arte de la Universidad Católica, Santiago, Chile
- 2012 *FILE RIO - Electronic Language International Festival*, Rio de Janeiro, Brazil
- 2011 *Station 923*, Ithaca, NY
- 2011 *FILE - Electronic Language International Festival*, São Paulo, Brazil
- 2010 *FILE - Electronic Language International Festival*, São Paulo, Brazil
- 2010 *Esse, nosse, posse: Common Wealth for Common People* (online), National Museum for Contemporary Art in Athens, Greece
- 2010 *Hyperrhiz 07: New Media Subversions* (online)
- 2009 *Requiem for Analog TV Noise*, Cornell Cinema, Ithaca, NY
- 2009 *electro_online*, Newcastle, Australia
- 2009 *Video/Art/Ithaca*, Sfumato, Ithaca, NY
- 2008 *Video/Art/Ithaca*, Sfumato, Ithaca, NY
- 2008 *Inclusiva-net: Redes digitales y espacio físico (Digital Networks and Physical Space)*, Medialab-Prado, Madrid, Spain
- 2007 *Library Music*, MIT Music Library, Cambridge, MA
- 2006 *sound around*, MIT Media Lab, Cambridge, MA
- 2006 *COLLISIONnine*, Art Interactive, Cambridge, MA
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