Andy Kelleher Stuhl

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Education and Teaching _____

McGill University — Montréal, QC

PhD Candidate, Communication Studies

- Supervisor: Dr. Jonathan Sterne
- Course lecturer for COMS 355 Media Governance: Social Justice Implications of Big Data, Winter 2019
- Teaching assistant for COMS 210 Introduction to Communication Studies, Fall 2021
- Teaching assistant for COMS 361 Media and Culture of the Night, Fall 2020
- Doctoral scholarship, Fonds de recherche du Québec – Société et culture
- Wolfe Fellow 2022-23 (Wolfe Chair in Scientific and Technological Literacy)
- PhD thesis: "Unmaking a Medium: Automation and Art in American Radio, 1950–2010"

Tufts University — Medford, MA

Part-Time Lecturer in Science, Technology, and Society

- Course lecturer for STS 10 Reading Lab on Programming, Fall 2023
- Course lecturer for STS 50 Automation: Context, Culture, Control, Winter 2024

Massachusetts Institute of Technology — Cambridge, MA

MS, Comparative Media Studies | June 2016

- Coursework in qualitative and quantitative media analysis, media history and theory, user experience research, sonic arts, and speculative design
- Teaching assistant for graduate seminar Comparative Media Studies Workshop I
- Teaching assistant for Digital Humanities: Topics, Techniques and Technologies
- Master's Thesis: "Listening in Code: Process and Politics in Interactive Musical Works"

Stanford University — Stanford, CA

BA, Science, Technology and Society | June 2013

- Program concentrations in Computer Science and in Aesthetics
- Minor in Creative Writing
- Honors Thesis: "Reactions to Analog Fetishism in Sound Recording Cultures"
- Departmental Honors, University Distinction, Phi Beta Kappa, Robert McGinn Award

Refereed Journal Articles _____

(With Jonathan Sterne.) When A Format (Almost) Becomes an Instrument: Eurorack in a Logistical World. *Journal of Cinema & Media Studies* (forthcoming).

Google Radio Automation and the Broadcast Plights behind Platformization. *New Media & Society* (2023).

Acoustic Infrastructure: The Sounds and Politics of Radio Tests in American Emergency Broadcasting. *Canadian Journal of Communication* 46.2 (2021): 271–290.

Reactions to Analog Fetishism in Sound Recording Cultures. *The Velvet Light Trap* 74.1 (2014): 42–53.

Book Chapter _____

Radio Automation: Sonic Control in American Broadcasting. In *The Routledge Companion to Radio and Podcast Studies*, edited by Mia Lindgren and Jason Loviglio. London: Routledge (2022).

Essays and Book Reviews _____

Review of *Record Cultures: The Transformation of the U.S. Recording Industry*, by Kyle Barnett. *Journal of Popular Music Studies* (forthcoming, March 2024).

Reflections from an Artist-Researcher: A History of Wave Farm at 25. *Resonance* 3.3 (2022): 268–277.

(With Alexandra Hui, Alexander Russo, and Amy Skjerseth.) Sounds of Accompaniment: Transcript from an SCMS 2022 Panel on Music, Technology, and Labor. *Journal of Popular Music Studies* 34.3 (2022): 6–29.

(With Sadie Couture, Jonathan Sterne, Mehak Sawhney, Shirley Roburn, Burç Köstem, Hannah Tollefson, Randolph Jordan, Landon Morrison, Allyson Rogers, and Michael Nardone.) Sensate Sovereignty: A Dialogue on Dylan Robinson's *Hungry Listening*. *Amodern*. July 2020.

Review of *The New Analog*, by Damon Krukowski. *Sounding Out!*. June 2017.

Invited Presentations _____

Sonic Automation. Science, Technology, and Society Lunch Seminar at Tufts University. October 2023, Medford, MA.

Wave Farm's Radio Art Fellowship and Archive (moderated group discussion). Radio Preservation Task Force. April 2023, Washington, DC.

The Platform as a Compositional Tool. Dissolve Music @ MIT, March 2018, Somerville, MA.

Refereed Presentations and Workshops _____

Broadcast Automation: Challenges and Openings for Media Historiography. Radio Preservation Task Force. April 2023, Washington, DC.

Software, Sonic Materiality, and Pauline Oliveros's "Acoustic Algorithms." Society for Cinema & Media Studies. April 2023, Denver, CO.

(With Jonathan Sterne.) *When A Format (Almost) Becomes an Instrument: Eurorack in a Logistical World*. Patch Up!: A Workshop on Synthetic Sound and Modular Thought. April 2022, Toronto.

Musical Programming: Automation and Aural Anxiety from 1950s Radio to Spotify. Society for Cinema & Media Studies. March 2022, remote.

Entangled Autonomy on Automated Airwaves: The Case of Rivendell. Association of Internet Researchers. October 2021, remote.

Buffer Underflow: Delay as Technique in Music's Logistical Currents. Information Overload? Music Studies in the Age of Abundance. September 2021, Birmingham, UK.

Parting Streams: Google Radio Automation and the Media Tangles behind Platforms. Society for Cinema & Media Studies. April 2021, remote.

Participant. Against Platform Determinism Workshop (Cohort II). March 2021, Montréal, QC.

Playing (to) the Algorithm: Automation and Arts in North American Radio's Software Era. ECREA Radio Research Conference. September 2019, Siena, Italy.

Suspending Signals: The Emergency Alert System's Acoustic Infrastructure. Canadian Communication Association Annual Conference. June 2019, Vancouver, BC.

Signal Chain Subjects: The Emergency Alert System's Acoustic-Infrastructural Politics. Media in Transition 10: Democracy and Digital Media. May 2019, Cambridge, MA.

Suspending Signals: The Emergency Alert System's Acoustic Infrastructure. Grierson Colloquium on Communication, Media and Infrastructure. February 2019, Montréal, QC.

An Introduction to Geospatial Timeline Tools: Neatline & Itinerary. Digital Humanities Forum, September 2017, Lawrence, KS.

The Design of Historical Data Projects. Digital Humanities 2017. August 2017, Montréal, QC.

Cross-Talk. Film and Media Studies Graduate Symposium, January 2017, Lawrence, KS.

Making Software with Sound: Process and Politics in Interactive Musical Works. Inertia:Momentum, April 2016, Los Angeles, CA.

Mixed Messages. New England Graduate Media Symposium, March 2016, Boston, MA

Critical Making, Platform Politics, and Open Source in the Study of Digital Artworks. Digital Humanities Forum, September 2015, Lawrence, KS.

Close Listening: Annotation and the Sound Archive. Catching Waves: A Panel Discussion on Sustainable Digital Audio Delivery, May 2015, Cambridge, MA.

Locating Performance in Production and Interaction Design. CITASA Symposium, August 2014, Berkeley, CA.

Fellowships, Residencies, and Exhibitions

25 Hz. Radiophrenia, August 2023, Glasgow, UK.

Radio Artist Fellow. Wave Farm, September 2021–May 2022, Acra, NY.

Researcher in Residence. Signal Culture, October 2017, Owego, NY.

Luckier Cloud (group collaboration). Kansas Union Gallery, October 2017, Lawrence, KS.

Within the Above (with Leigh Kaulbach). Gallery 263, April 2015, Cambridge, MA.

Listen to Us. Curious Sound Objects: Fiction of Science, December 2014, Somerville, MA.

Academic Service

Radio Preservation Task Force, Library of Congress — Graduate Student Council Member, 2023–present

Society for Cinema and Media Studies, Sound and Music Studies Scholarly Interest Group — Graduate Student Representative, 2021–present

Resonance: The Journal of Sound and Culture — Article Manuscript Reviewer, 2022

Journal of Radio and Audio Media — Article Manuscript Reviewer, 2021

Containment & Intimacy conference (canceled), McGill University — Planning Committee Member and Website Developer, 2020

Other Work History

Performant Software — Charlottesville, VA (Remote)

Software Dev. Consultant, June–August 2016; Software Developer, September 2016–July 2018

- web application development, interface design, and project guidance for client projects in humanities research and teaching
- programming with Ruby on Rails, PHP, JavaScript, ES6, React, D3, SASS, and PostgreSQL

HyperStudio, Massachusetts Institute of Technology — Cambridge, MA

Research Assistant, September 2014–August 2016

- design, research, data visualization, and web application development for projects in digital scholarship and pedagogy
- writing for research lab communications, including public outreach and grant applications

Small Design Firm — Cambridge, MA

Intern, July–August 2013; Associate Programmer + Designer, September 2013–August 2014

- design and software development in prototyping a mobile application for large-scale, real-time display of medical data
- research and concept-phase design for installation projects in major civic institutions