

ALEXANDRA E. HUI

Department of History, Box H, Allen 214
Mississippi State University
Mississippi State, MS 39762

Cell Phone: (310) 488-2313
Email: ahui@history.msstate.edu
alixhui@gmail.com

EDUCATION

Ph.D., History, University of California at Los Angeles, 2008.

M.A., History, University of California at Los Angeles, 2003.

B.A., Physics with Astronomy/Astrophysics Concentration, Pomona College, 2001.

ACADEMIC CAREER

Fall 2014 to the present, Associate Professor of History, Mississippi State University

Fall 2008 through Spring 2014, Assistant Professor of History, Mississippi State University.

Fall 2005 through Spring 2008, Teaching Fellow, General Education Cluster, University of California at Los Angeles.

HONORS and FELLOWSHIPS

Alexander von Humboldt Fellowship for Experienced Researchers, to conduct research at the Max Planck Institute for the History of Science in Berlin, Germany and the Rachel Carson Center for Environment and Society in Munich, Germany, Summers of 2017-2019.

William E. Parrish Outstanding Faculty Teaching Award, Department of History, Mississippi State University, 2015-2016.

Dean's Eminent Scholar Award, The College of Arts and Sciences, Mississippi State University. 2015-2016.

Visiting Scholar, Max Planck Institute for the History of Science in Berlin, Germany, Spring-Summer, 2015.

Fulbright U.S. Scholar Grant, to conduct research at the Norwegian University of Science and Technology in Trondheim, Norway, Fall, 2014 through Winter, 2015.

Society for the History of Psychology (Division 26 of the American Psychological Association) Early Career Award, 2014.

National Science Foundation Scholar's Award for project titled "The Science and Technology of Threshold Sounds in Public and Private Spaces" (Award # 1256966). Awarded through the Science, Technology and Society Program, Summer, 2013 through Spring, 2014.

Visiting Scholar, History Department, University of California at Los Angeles, Fall, 2013.

Visiting Scholar, Max Planck Institute for the History of Science in Berlin, Germany, Fall, 2013.

European Society for the History of the Human Sciences (ESHHS) and Journal for the History of the Behavioral Sciences (JHBS) Early Career Award, 2010.

Dibner Library Resident Scholar, Smithsonian Institute, Washington, D.C., May, 2010.

Humanities and Arts Research Fellow, The College of Arts of Sciences and the Institute for Humanities, Mississippi State University, 2010 and 2013.

Mississippi State University State Pride Award for Faculty Excellence, 2010.

Deutscher Akademischer Austauschdienst (DAAD) Research Grant for pre-doctoral research at the Max Planck Institute for the History of Science, Berlin, Germany, Fall, 2006.

Cecil Short Memorial Prize in Music, Pomona College, 2001.

MONOGRAPHS and EDITED VOLUMES

In preparation: *Listening to Nature: Standardized Soundscapes and Imagined Ecologies, 1900-2000*. Anticipated completion, 2019.

In preparation: *Sonifying Space: A History of the Science of Background Music, 1910-2010*. Anticipated completion, 2017.

Testing Hearing: Music and Science, co-edited with Mara Mills and Viktoria Tkaczyk. Under review with University of Chicago Press.

Music, Sound and the Laboratory from 1750-1980, *Osiris*, 28 (2013), co-edited with Julia Kursell and Myles Jackson.

The Psychophysical Ear: Musical Experiments, Experimental Sounds, 1840-1910 (The MIT Press, 2012).

REFEREED ARTICLES and BOOK CHAPTERS

"Testing the Underwater Ear: Hearing, Standardizing, and Classifying Marine Sounds during the Cold War," co-authored with Lino Camprubí, in Alexandra Hui, Mara Mills, and Viktoria Tkaczyk, eds., *Testing Hearing: Music and Science*. Under review with the University of Chicago Press.

"Making Birdsong Placeless, 1885-1935," in Michael Blim, Tord Larsen, Ted Porter, Kalpana Ram, and Nigel Rapport, eds., *Objects and Standards: On the Limitations and the Effects of Fixing and Measuring Life*. Under review with the University of Indiana Press.

"The Naturalization of Timbre: Two Case Studies," Emily Dolan and Alexander Rehding, eds., *Oxford Handbook of Timbre* (Oxford University Press, forthcoming).

"First Re-Creations: Phonographs and New Cultures of Listening at the Beginning of the Twentieth Century," in Christian Thorau and Hansjakob Ziemer, eds., *The Handbook of Music Listening in the 19th and 20th Centuries* (Oxford University Press, 2017).

"Walter Bingham und die Universalisierung des individuellen Hörers," Netzwerk Hör-Wissen im Wandel (Hrsg.), Koordiniert von Daniel Morat, *Wissensgeschichte des Hörens in der Moderne* (Walter de Gruyter GmbH, 2017).

"The Naturalization of Built Environments: Two Case Studies," *Ecomusicology Review*, 4 (2016).

"Aural Rights and Early Environmental Ethics: Negotiating the Post-War Soundscape," in Aaron Allen and Kevin Dawes, eds., *Current Directions in Ecomusicology: A Field Guide* (Routledge, 2016).

"'Muzak-While-You-Work': Programming Music for Industry, 1919-1948," *Historische Anthropologie*, 22 (2014):364-383.

"From the Piano Pestilence to the Phonograph Solo: Four Case Studies of Musical Expertise in the Laboratory and on the City Street," in Daniel Morat, ed., *Sounds of Modern History: Auditory Cultures in 19th and 20th Century Europe* (Berghahn Books, 2014).

"Origin Stories of listening, melody, and survival at the end of the nineteenth century," in James Kennaway, ed., *Music and the Nerves, 1660-1945* (Palgrave Macmillan, 2014).

"Lost: Thomas Edison's Mood Music Found: New Ways of Listening," *Endeavour*, 38 (2014): 139-142.

"Changeable Ears: Ernst Mach's and Max Planck's studies of accommodation in hearing," in Alexandra Hui, Julia Kursell, and Myles Jackson, eds., *Music, Sound, and the Laboratory during the Nineteenth and Twentieth Centuries*, *Osiris*, 28 (2013):119-145.

"Sound Objects and Sound Products: Creating a New Culture of Listening in the First Half of the Twentieth Century," Special Issue on Objectification, Measurement and Standardization, *Culture Unbound: Journal of Current Cultural Research*, 4 (2012):599-616.

"The Bias of 'Music-Infected Consciousness': the Aesthetics of Listening in the Laboratory and on the City Streets of Fin-de-Siècle Berlin and Vienna" *Journal of the History of the Behavioral Sciences*, 28 (2012):236-250.

"Instruments of Music, Instruments of Science: Hermann von Helmholtz's Sound Sensation Studies, his Classicism, and his Beethoven Sonata," *Annals of Science*, 68 (2011):149-177.

ADDITIONAL PUBLICATIONS

"Wissenschaftsgeschichte," "Aufzug," and "Labor," contributions to Daniel Morat and Hansjakob Ziemer, eds., *Handbuch Sound* (J. B. Metzler, 2018).

"Muzak-mens-du-jobber: Muzikkprogrammer i industrien, 1919-1948," tr. by Victor Szepessy, *Arr Redaksjonen* (2015):13-27. * Translation of "'Muzak-While-You-Work': Programming Music for Industry, 1919-1948," originally published in *Historische Anthropologie*.

"A Timeline from the Prepared Ear to the Present," a solicited contribution to the catalogue of the exhibition in the Polish Pavilion of the 2013 Venice Biennale, *Everything Was Forever, Until it Was No More* (Mousse Publishing, 2013).

Book Reviews in *Open Inquiry Archive*, *Physics Today*, and *Technology and Culture*.

COLLABORATIVE SCHOLARSHIP

2015-present, PI, "The History and Science of Game Calls in the Mississippi Flyway," an interdisciplinary collaboration between historians, librarians, and wetlands scientists to document and map game-calling traditions to better understand human-wildlife relationships, the role of sound in human communities' understandings of nature, the impact of conservation policies on the soundscape, and processes by which producing and listening to call sounds are standardized in both scientific and non-scientific communities.

2015-2017, Co-organizer of the "Testing Hearing: Science, Art, Industry" Working Group, part of the "Epistemes of Modern Acoustics" Research Group at the Max Planck Institute for the History of Science in Berlin, Germany. <http://www.mpiwg-berlin.mpg.de/en/research/projects/RGTkaczyk>

2011-2015, Member of the "Cultural Logic of Facts and Figures: Objectification, Measurement, and Standardization as Social Processes" Research Group, based at the Department of Social Anthropology and the Norwegian University of Science and Technology (NTNU). Funded by the Norwegian Research Council (NRC) through 2015. <http://www.ntnu.edu/sosant/cuff>

2009-2016, Member of the interdisciplinary and international Berlin Wissenschaftliches Netzwerk "Hör-Wissen im Wandel: Zur Wissensgeschichte des Hörens in der Moderne" based at the Freie Universität. Funded by the German Research Council (DFG) through 2016. <http://www.hoer-wissen-im-wandel.de/>

2011-present, Core Faculty of the Center for the History of Agriculture, Science, and the Environment in the South (CHASES) at Mississippi State University. <http://www.chases.msstate.edu/>

PAPERS PRESENTED and INVITED TALKS

"Beyond Disciplines: From Knowledge Communities to Mensch-Hood," part of the Presidential Roundtable: Thinking with Ann Johnson, Annual Meeting of the Society for the History of Technology, Philadelphia, PA, October 26-29, 2017.

Invited talk, Hagley Research Seminar Series, "Making *Muzak* Natural: The sounds of life, death, and the lyre bird in the built environment, 1950-1970," Hagley Museum and Library, Wilmington, DE, September 14, 2017.

Invited talk, Departments of Music, German, and Science, Technology, and Society, Pomona College, "Listening to Nature: Standardizing Soundscapes and Imagined Ecologies, 1900-1945," Claremont, CA, April 4, 2017.

Invited talk, History of Science Colloquium, University of California at Los Angeles, "Listening to Extinction: Imagined ecologies in the first half of the twentieth century," Los Angeles, CA, April 3, 2017.

Invited talk, Cambridge University, "'The ripening harvest of comparative musical science': Representative tonometrics and mental measurement in the first decades of the twentieth century," presented at After Idealism Conference, Cambridge, England, March 17-18, 2017.

"Testing the Mood: Surveying listening preferences in American homes and factories, 1920-1950," presented at the History of Science Society (HSS), Atlanta, GA, November 3-6, 2016.

"Training the Underwater Ear," presented at the Cheiron/European Society for the History of the Human Sciences (ESHHS) joint conference, Barcelona, Spain, June 27-31, 2016.

"Listening to Extinction in the Twentieth Century," presented at the Southern History of Science and Technology (SoHOST) Conference, Auburn, AL, April 15-16, 2016.

Invited talk, Barwick Colloquium, Department of Music, Harvard University, "Sonifying Space: Background music and new forms of listening in the first half of the twentieth century," Cambridge, MA, March 28, 2016.

Invited talk, Max Kade Center for European and German Studies, Vanderbilt University, "From *Vogelflöte* to *wichity wichity wichity*: Standardizing the sounds of nature in the first decades of the twentieth century," Nashville, TN, February 3, 2016.

"How do Scientists Listen to Nature?" presented at The Cultural Logic of Facts and Figures IV, Fourth Annual CUFF Conference, in Trondheim, Norway, December 17-19, 2015.

"Testing the Underwater Ear: Hearing, Standardizing, and Classifying Marine Sounds during the Cold War," presented with Lino Camprubí at the "Testing Hearing: Art, Science, Industry" Conference at the Max Planck Institute for the History of Science in Berlin, Germany, December 3-6, 2015.

Invited talk, Center for Advanced Study, University of Illinois, "Rights to Silence: Defending the Sound Commons of the Built Environment in the Middle of the Twentieth Century," Urbana, IL, October 26, 2015.

Invited talk, University of California, at Los Angeles, "Testing the Underwater Ear: Hearing, Standardizing, and Classifying Marine Sounds during the Cold War," presented with Lino Camprubí at "Knowledge, Technologies, and Mediation: A Workshop in Honor of Norton Wise," Los Angeles, CA, October 17, 2015.

Invited talk, National Museum for American History, Smithsonian Institution, "Sonifying Space: Creating new cultures of listening in the first half of the twentieth century," Washington, D.C., September 29, 2015.

Invited talk, Georgia Institute of Technology, "Listening to Nature: Representing bird song, 1885-1945," Atlanta, GA, September 14, 2015.

Invited talk, Universidad Autónoma de Barcelona "Persuasion in the Air': Psychology, Phonographs, and New Cultures of Listening at the Beginning of the Twentieth Century," Barcelona, Spain, June 22, 2015.

"Persuasion in the Air': Pig-Squeal Radio, Marketing Muzak, and the Behaviorist Turn," presented to the Epistemes of Modern Acoustics Research Group Colloquium, Max Planck Institute for the History of Science in Berlin, Germany, June 16, 2015.

Invited talk, Radcliffe Institute for Advanced Study, Harvard University, "Naturalizing Timbre," presented at "Timbre: An Exploratory Seminar," Cambridge, MA, May 13-15, 2015.

"Hunting with the Mic and Saving with the Antenna: The Sounds of Conservation in Interwar America," presented at the American Society for Environmental History (ASEH) Annual Meeting, Washington, D.C., March 18-21, 2015. *read by Jason Hauser

Invited talk, Vitenskapsteoretisk Forum, Norwegian University of Science and Technology, "Persuasion in the Air': Psychology, Phonographs, and New Cultures of Listening at the Beginning of the Twentieth Century," Trondheim, Norway, January 27, 2015.

Invited talk, Research Seminar Series in History of Science and Ideas and Umeå Studies in Science, Technology, and Environment, University of Umeå, "Listening to Nature and Standardizing Sound," Umeå, Sweden, December 9, 2014.

"The Naturalization of Built Environments: Two Case Studies," presented at the American Musicological Society (AMS) Annual Meeting in Milwaukee, WI, November 5-9, 2014.

Invited talk, Innovating Communication in Scholarship Center for Science and Innovation Studies Speaker Series, University of California at Davis, "Standardizing Species: Listening, Representing, and Universalizing Bird Song in the Twentieth Century," Davis, CA, November 4, 2014.

Invited talk, Center for Science, Technology, Medicine, and Society Lecture Series, University of California at Berkeley, "Listening to Nature and Standardizing Sound," Berkeley, CA, October 30, 2014.

Invited talk, Zachęta - National Gallery of Art, "Everything Was Until Now," presented as part of Konrad Smoleński's exhibit, *Everything Was Forever, Until it Was No More - Time Test*, Warsaw, Poland, October 23, 2014.

"Visualizing and Materializing Bird Song, 1920-1937," presented at The Cultural Logic of Facts and Figures III, Third Annual CUFF Conference in Reykjavik, Iceland, August 18-20, 2014.

Invited talk, University of Wisconsin at Madison, "'Listening through a Sound Microscope': Two case studies of the standardization of listening to bird song in the twentieth century," presented at Holtz Center Symposium: When Nature and Numbers (Don't) Meet, Madison, WI, April 4-6, 2014.

"'Muzak-While-You-Work' and New Forms of Listening in the First Half of the Twentieth Century," presented at the Southern History of Science and Technology (SoHOST) Conference, in Atlanta, GA, March 28-29, 2014.

"First Re-Creations: Making a New Culture of Listening in the Twentieth Century," presented at the Department II Colloquium, at the Max Planck Institute for the History of Science, Berlin, Germany, November 13, 2013.

"Standardizing Sounds: Listening to Birdsong in the Twentieth Century," presented at The Ethics and Politics of Objectification, Measurement, and Standardization Conference, Second Annual CUFF Conference, in Trondheim, Norway, October 25-27, 2013.

"Listening to Birds in the Twentieth Century," presented at the American Ornithological Union (AOU) Annual Meeting, Chicago, IL, August 13-17, 2013.

"From Silence to *Fee-bee fee-bee fee-b-be-be*: the place of nature in the sonic environment, 1948-1969," presented at the American Society for Environmental History (ASEH) Annual Meeting, Toronto, Canada, April 3-7, 2013.

"Agency and Aural Rights: Negotiating the Soundscape, 1948 to the present," presented at Ecomusicologies 2012, New Orleans, LA, October 30-31, 2012.

Invited talk, History of Science Colloquium, University of California at Los Angeles, "'Leaders of Western Culture. Jets. Muzak': Industrial Psychology and New Cultures of Listening in the First Half of the Twentieth Century," Los Angeles, CA, October 8, 2012.

"'Muzak-While-You-Work': Industrial Psychology and New Cultures of Listening in the First Half of the Twentieth Century," presented at the joint meeting of Cheiron and the European Society for the History of the Human Sciences (ESHHS) in Montreal, Canada, July 18-22, 2012.

Invited talk, "First Re-Creations: Psychology, Phonographs and New Cultures of Listening at the Beginning of the Twentieth Century," presented at The Art of Listening - Trends and

Perspectives of a History of Music Listening Conference, in Berlin, Germany, July 12-14, 2012.

"Threshold Spaces of Mind and Music: (New) Psychology and New Cultures of Listening at the Beginning of the Twentieth Century," presented at the Objectification, Measurement and Standardization Conference, First Annual CUFF Conference, in Trondheim, Norway, January 5-7, 2012.

"Hermann von Helmholtz and the Historicity of Form," presented at the Annual Meeting of the History of Science Society (HSS) in Cleveland, OH, November 3-6, 2011.

"The Bias of *Musikbewusstsein*: The Carl Stumpf and Wilhelm Wundt Debate," presented at the annual meeting of the European Society for the History of Human Sciences (ESHHS) in Utrecht, Netherlands, August 23-27, 2010.

"Noteworthy Neighbors? Hearing in the Laboratory and Listening on the Street at the End of the Nineteenth Century," presented at the 9th Blankensee Colloquium "Hearing Modern History: Auditory Cultures in the 19th and 20th Century" in Berlin, Germany, June 17-19, 2010.

"The Aesthetics of Attention: Ernst Mach's Accommodation Experiments, his Musical Aesthetics, and his Friendship with Eduard Kulke," presented at the Annual Meeting of the History of Science Society (HSS) in Phoenix, AZ, November 19-22, 2009.

"Instruments of Music as Instruments of Science: Hermann von Helmholtz's Sound Sensation Studies, his Classicism, and his Beethoven Sonata," presented at the XXIII International Congress of History of Science and Technology, Budapest, Hungary, July 28-August 2, 2009.

"Ways of Hearing, Ways of Listening: Musical Expertise in the Psychophysical Studies of Sound Sensation of Hermann Helmholtz, Ernst Mach, and Carl Stumpf," presented at 2007 Joint Meeting of Cheiron (Society for the History of Psychology) and the European Society for the History of Human Science (ESHHS) in Dublin, Ireland, June 25-29, 2007.

"Musical Instruments, Psychophysical Instruments: The Sound Sensation Studies of Hermann Helmholtz and Ernst Mach," presented at the Annual Meeting of the History of Science Society (HSS) in Vancouver, Canada, November 2-5, 2006.

SERVICE ACTIVITIES

2009-present, Head of the History of Science, Technology, and Medicine "Node of Excellence" research group, Department of History, Mississippi State University.

2013-present, Associate Series Editor, *Nexus: New Histories of Science, Technology, Environment, Agriculture, and Medicine*, University of Alabama Press.

Spring 2017, Interim Director of the Center for the History of Agriculture, Science, and the Environment in the South (CHASES), Mississippi State University.

2010-2013, Content Consultant, Project SSILTT (Science and Social Studies Integration, Literacy, and Technology for Teachers) Summer Institute for Teachers. Funded by Mississippi Institutions of Higher Learning and organized by the MSU Department of Curriculum, Instruction, and Special Education, Starkville, MS.

2011-2013, Co-Chair, Maroon Edition Freshman Book Selection Committee, the University-wide committee tasked with selecting the book for the annual community reading program.

2012-2013, Co-Chair, Maroon Edition Freshman Book Programming Committee, the University-wide committee tasked with developing and organizing programming associated with the annual community reading program.

COURSES DEVELOPED

The History of Science in Six Ideas (HI 1003); Early Western World (HI 1213); Modern Western World (HI 1223); History of the Holocaust (HI 3773); History of Science and Technology (HI 4653); History of Modern Germany (HI 4763); Readings in European History, 1789-1914 (HI 8523); Graduate Colloquium on Late Modern Europe (HI 8803); Graduate Colloquium on the History of the Holocaust (HI 8803); Graduate Colloquium on the History of Modern Environmental Science (HI 8803); Graduate Colloquium on Sensory History (HI 8803); Graduate Seminar in European History after 1789 (HI 8863); Graduate Seminar in History of Science and Technology (HI 8873); Graduate Historiography (HI 8923)

SOCIETY MEMBERSHIPS

American History Association
American Society for Environmental History
Cheiron/European Society for the History of the Human Sciences
German Studies Association
History of Science Society
World Forum for Acoustic Ecology