

Professional Experience

Ewa Jacewicz

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Current Research Interests

Speech acoustics, speech perception and intelligibility, sociophonetics, regional dialect variation in American English, cognitive neuroscience and functional near-infrared spectroscopy (fNIRS) applications, speech development in late childhood, phonological processing in speech-language disorders, second language acquisition and bilingualism.

Educational Background

Postdoctoral, The Ohio State University, Speech and Hearing Science, 2000-2002

Ph.D., University of Wisconsin-Madison, Germanic Linguistics, 1999

M.A., University of Wroclaw, Poland, German and Dutch, 1983

Academic Positions

Research Associate Professor, Department of Otolaryngology, The Ohio State University Wexner Medical Center, 2020 – present (courtesy appointment)

Research Associate Professor, Department of Speech and Hearing Science, The Ohio State University, 2015 – present

Research Assistant Professor, Department of Speech and Hearing Science, The Ohio State University, 2009–2015

Research Scientist, Department of Speech and Hearing Science, The Ohio State University, 2003-2009

NIH Postdoctoral Research Fellow, Department of Speech and Hearing Science, The Ohio State University, 2000-2002

Adjunct Assistant Professor (Linguistics), Department of Foreign Languages and Linguistics, University of Wisconsin-Milwaukee, 2000

Professional Affiliations

American Speech-Language-Hearing Association (ASHA), Member, 2023-

Society for functional Near Infrared Spectroscopy (SfNIRS), Member, 2023

International Speech Communication Association (ISCA), Member, 2011-

Sigma Xi, Scientific Research Honor Society, Full Member, 2010-

American Association for the Advancement of Science (AAAS), Member, 2007-

Acoustical Society of America (ASA), Full Member, 2001-

International Phonetic Association (IPA), Member, 1996-

Awards and Honors

Elected Fellow, Acoustical Society of America, 2020

NIH Clinical Research Loan Repayment Award L30 DC006982, second competitive renewal, 2008-2010

NIH Clinical Research Loan Repayment Award L30 DC006982, first competitive renewal, 2006-2008
NIH Clinical Research Loan Repayment Award L30 DC006982, project awarded: *Integrated research in speech, hearing, and language science: Cross-generational, behavioral and cross-linguistics issues*, 2004-2006.
Staff Career Development Award, The Ohio State University, 2005
Young Investigator Travel Award, Acoustical Society of America, 2003
Ph.D. Dissertation distinction (Magna cum laude), University of Wisconsin-Madison, 1999
James I. Brown Award, The Institute for Study of Interpersonal Processes, for student research paper at the International Listening Association Convention, Sacramento, CA, 1996
Annual Award for Excellence in Teaching, Department of Arts and Culture, Wroclaw, Poland, 1987
Nederlandse Taalunie Grant, Hasselt, Belgium, 1982
University Presidential Award, University of Wroclaw, Poland, 1980

Research Grants

OSU College of Arts and Sciences Grant, Development of a dialectal database, 2015-2019
Role: Co-investigator (PI: R. A. Fox)
NIH/NIDCD R01 DC006871, Cross-generational sound change in American English, 2005-2012
Role: Principal Investigator
NIH Diversity Supplement to NIDCD R01 DC006871, 2006-2007
Role: Principal Investigator
NIH/NIDCD F31 DC0091051, Cross-generational comparison of vowels in African American English, 2008–2011, Individual Predoctoral NRSA, Role: Co-sponsor (with R. A. Fox)
NIH/NICHHD R01HD046908, Markedness and learnability in second language phonology, 2006-2011
Role: Co-investigator and subcontract PI (PI: F. R. Eckman)
NIH/NIDCD R01DC00679, Auditory spectral integration: complex sounds and speech, 2005-2008
Role: Co-investigator (PI: L. L. Feth)
NIH/NIDCD R03 DC005560, The relative amplitude of vowel formants, 2003-2006
Role: Principal Investigator

Professional Activities (selected)

Editorial

- Liaison Guest Associate Editor, *Journal of the Acoustical Society of America*, Special Issue: "Perception and production of sounds in the high-frequency range of human speech," 2022
- Guest Associate Editor, *Frontiers in Communication*, section: *Language Sciences*, 2021
- Associate Editor, *Journal of the Acoustical Society of America*, 2021–2024 (second term)
- Associate Editor, *Journal of the Acoustical Society of America*, 2017–2020 (first term)
- Editorial Board Member, *Journal of Speech, Language, and Hearing Research*, 2017–2019
- Action Editor, *Journal of Speech, Language, and Hearing Research*, 2015 – 2016
- Associate Editor, *Journal of Speech, Language, and Hearing Research*, 2012– 2016
- Guest Associate Editor, *Journal of Speech, Language, and Hearing Research*, 2016, 2023

Grant Review Panel Memberships (National Institutes of Health)

- ZRG1 RPHB-Y (12) Study Section, 2022
- ZDC1 SRB-Y (59) Study Section, 2021
- ZRG1 RPHB-Y (12) Study Section, 2021
- ZDC1 SRB-R (36) Study Section, 2020
- ZDC1 SRB-Y (53) Study Section, 2020
- ZRG1 RPHB-Y (12) B Study Section, 2020
- ZRG1 RPHB-Y (12) Study Section, 2020
- ZRG1 RPHB-Y (12) Study Section, 2019
- ZDC1 SRB R-40 Study Section, 2019
- ZDC1 SRB Y (52) Study Section, 2019
- ZRG1 RPHB-Y (12) B Study Section, 2018
- ZDC1 SRB K-20 Study Section, 2018
- ZRG1 RPHB-Y (12) Study Section, 2018
- ZDC1 SRB R-35 Study Section, 2018
- ZRG1 RPHB-Y (12) Study Section, 2017
- ZRG1 RPHB-R (12) Study Section, 2017
- ZDC1 SRB R-38 Study Section, 2017
- ZRG1 RPHB-R (12) Study Section, 2016
- ZRG1 RPHB-R 90S Study Section, 2016
- ZRG1 RPHB-R (12) Study Section, 2015
- ZRG1 RPHB-R (12) Study Section, 2014

Grant Reviews (external reviewer)

- Marsden Fund, Royal Society of New Zealand, 2022
- Czech Health Research Council (by Ministry of Health), Prague, Czech Republic 2014, 2018
- Czech Science Foundation, Prague, Czech Republic, 2012–2021
- Polish National Science Centre (by Ministry of Science and Higher Education, Poland), 2019
- Dutch Research Council (Netherlands Organization for Scientific Research), 2018
- National Science Foundation, BCS/Linguistics program, 2007, 2016, 2018
- National Institutes of Health, NIDCD R03 Small Grants program, 2006

Reviewing for Journals

- *American Speech*
- *Clinical Linguistics & Phonetics*
- *Dyslexia*
- *Hearing Research*
- *International Journal of Bilingualism*
- *International Journal of Speech-Language Pathology*
- *Journal of the American Academy of Audiology*
- *Journal of the Acoustical Society of America*

- *JASA Express Letters*
- *Journal of Experimental Psychology: Learning, Memory, and Cognition*
- *Journal of the International Phonetic Association*
- *Journal of Phonetics*
- *Journal of Slavic Linguistics*
- *Journal of Speech, Language, and Hearing Research*
- *Laboratory Phonology Journal*
- *Language and Speech*
- *Language Variation and Change*
- *Lingua*
- *Linguistics Vanguard*
- *Phonetica*
- *PLOS ONE (Public Library of Science)*
- *Poznan Studies in Contemporary Linguistics*
- *Second Language Research*
- *Speech Communication*

Scientific Committees and Conference Abstracts/Papers Reviewing

- American Association for the Advancement of Science
 - 2023 AAAS Meeting, Washington, DC
 - 2022 AAAS Meeting, Philadelphia, PA
 - 2020 AAAS Meeting, Seattle, WA
 - 2019 AAAS Meeting, Washington DC
 - 2018 AAAS Meeting, Austin, TX
 - 2017 AAAS Meeting, Boston, MA
- American Speech-Language-Hearing Association:
 - Speech and Language Science Topic Committee Member
 - 2018 ASHA Convention, Boston, MA
 - 2017 ASHA Convention, Los Angeles, CA
- Conference on Laboratory Phonology
 - LabPhon 18, virtual meeting, 2022
 - LabPhon 17, Vancouver, BC, Canada, 2020
 - LabPhon 15, Ithaca, NY, 2016
 - LabPhon 14, Tokyo, Japan, 2014
 - LabPhon 13, Stuttgart, Germany, 2012
 - LabPhon 12, Albuquerque, NM, 2010
- International Congress of Phonetic Sciences
 - 20th Congress, Prague, Czech Republic
 - 19th Congress, Melbourne, Australia, 2019
- Poznan Linguistic Meeting, Poznan, Poland
 - PLM 2020
 - PLM 2019

- PLM 2018
- PLM 2017
- PLM 2013

Conference Session Organization

- Co-organizer (with R. A. Fox), Special session: *Reintroducing the high-frequency region to speech perception research*. Acoustical Society of America Meeting (virtual), December 2020
- Co-organizer (with M. E. L. Renwick), Special session: *Dynamics of vowels in varieties of English*. The 19th International Congress of Phonetic Sciences, Melbourne, AU, August 2019
- Co-organizer (with J. Harrington), Special session: *Measurement of sociophonetic variation in speech*. Acoustics'08: Joint meeting of the Acoustical Society of America, the European Acoustics Association and the French Acoustical Society, Paris, France, 2008

Instruction (selected)

Professional Expertise and Outreach Activities

- Presenter, Early Career Publishing Workshop with early career acousticians, Acoustical Society of America Meeting in Louisville, KY, 2019
- Participant, university outreach initiative *2010 Roads Scholars Tour* in the Appalachian region of Ohio, by invitation of OSU President Gordon Gee, The Ohio State University, 2010
- Co-Instructor, Methods of Analysis in Sociophonetic Research, Linguistic Society of America Mini-Institute at the LSA Summer Meeting, Columbus, OH, 2008
- Wisconsin Department of Public Instruction, Professional Educator License (Middle/Secondary), 1992-1997
- Judge, Speech Communication Technical Committee's Award for the Best Student Poster Acoustical Society of America Meetings:
 - 2019 (Louisville, KY)
 - 2018 (Victoria, BC, Canada)
 - 2017 (New Orleans, LA)
 - 2017 (Boston, MA)
 - 2016 (Salt Lake City, UT)
 - 2015 (Pittsburgh, PA)
 - 2014 (Indianapolis, IN)
 - 2014 (Providence, RI)
 - 2009 (San Antonio, TX)
 - 2008 (Paris, France)

Undergraduate Honors Thesis Supervision (Secondary Advisor)

Department of Speech and Hearing Science, The Ohio State University

- Maggie McClurg, 2018
- Jill Deatherage, 2016

- Zane Smith, 2016
- Makenzie Laase, 2015
- Hannah Ortega, 2015
- Jessica Hart, 2013
- Caroline Chang, 2012
- Katarzyna Lozanska, 2012
- Florence Hardjono, 2011
- Emily Barker, , 2010
- Victoria Cook, 2009
- Lauren Garea, 2009
- Amy Loscko, 2009
- Samantha Lyle, 2008
- Caitlin O’Neill, 2008
- Erin Saylor, 2007
- Lisa Wackler, 2007
- Heather Hunyady, 2006

M.A. Thesis Committees

Department of Speech and Hearing Science, The Ohio State University

- Keebbum Lee, 2019
- Sasha Kim, 2018
- Zane Smith, 2018
- Robin Jones, 2006

Ph.D. Candidacy Examination Committees

Department of Speech and Hearing Science, The Ohio State University

- Christopher Holt (in progress)
- Lian Arzbecker, 2022
- Geoff Green, 2021
- Florence Hardjono, 2017
- Gayle Beam Long, 2013
- Yolanda Holt, 2009
- Chiung-Yun Chang, 2008

Ph.D. Dissertation Committees

Department of Speech and Hearing Science, The Ohio State University

- Geoff Green (in progress)
- Lian Arzbecker (in progress)
- Florence Hardjono, 2022, Thesis: “To tap or not to tap: A preliminary acoustic description of American English alveolar tap productions by Indonesian bilingual adults”
- Gayle Beam Long, 2019, Thesis: “Dyslexia and perception of indexical features in speech”

- Yolanda Holt, 2010, Thesis: “Cross-generational comparison of vowels in African-American English”
- Chiung-Yun Chang, 2010, Thesis: “Time-course of perception of Mandarin Chinese tones”

Ph.D. Dissertation Committees

Graduate School Faculty Representative, The Ohio State University

- Jingyui Zhu, 2022, Graduate Program in Education: Teaching and Learning, Thesis: “A qualitative study of L2 graduate students’ academic reading experiences and factors contributing to those experiences”
- Allison Paul, 2021, Dept. of Arts Administration, Education and Policy, Thesis: “A relational approach to peace learning through the arts: A participatory action research study”
- Daniel C. Stein, 2019, School of Music, Thesis: “A performance guide to *Friendly Persuasions: Homage to Poulenc* by Jake Heggie and Gene Scheer”
- Huong Nguyen, 2018, Dept. of Statistics, Thesis: “Near-optimal designs for Gaussian Processes regression models”
- DeWayne P. Williams, 2017, Dept. of Psychology, Thesis: “Ethnicity, sex, and vagal activity: Differences in hemodynamics underlying long-term blood pressure regulation”
- Yingdan Mei, 2016, Dept. of Agricultural, Environmental, and Developmental Economics, Thesis: “Three essays on the economic implication of forest amenities and wetland quality”

Student Research Recognition Awards

- Jill Deatherage, 2016, 2nd Place Winner at the Denman Undergraduate Research Forum at Ohio State. Poster presentation: “Stylistic variation in children’s vowel production,” co-authored by Deatherage, J., Fox, R.A., and Jacewicz, E.
- Hannah Ortega, 2015, 4th Place Winner at the Denman Undergraduate Research Forum at Ohio State. Poster presentation: “Source versus spectral cues in the perception of indexical features in speech,” co-authored by Ortega, H., Fox, R.A., and Jacewicz, E.
- Jessica Hart, 2013, Janet Weisenberger Undergraduate Writing Award, Ohio State
- Chiung-Yun Chang, 2010, Sigma Xi Grants-in-Aid of Research Award for the project “Time-course of perception of Mandarin Chinese tones” (\$1,000)
- Yolanda Holt, 2009, Award for Student Research, Dept. of Speech and Hearing Science, Ohio State
- Lauren Garea, 2009, 2nd Place Winner at the Denman Undergraduate Research Forum at Ohio State. Poster presentation: “Cross-dialectal differences in vowel identification,” co-authored by Garea, L., Fox, R. A., and Jacewicz, E.
- Yolanda Holt, 2007, Best Student Paper in Speech Communication Award: First Prize. Acoustical Society of America meeting, Salt Lake City, UT. Poster “Are vowels in African American English affected by Southern Vowel Shift?” co-authored by Holt, Y., Jacewicz, E., and Fox, R. A. Abstract in: *Journal of the Acoustical Society of America*, 121(5): 3189.

Public Service/Media Coverage (selected)

Reporter (article on dialect study in North Carolina, “WCU joins Ohio State researchers in study of dialect”), published November 17, 2008.

WOSU-AM Radio Program Series *Open Line* with Fred Andrlle (topic: “How we talk: Regional American dialects”), aired June 29, 2006.

Smoky Mountain News (article on dialect variation, “Delving into dialect”), published June 28, 2006.

Columbus Dispatch (article on dialect variation, “Y’all? Youse? Group studies how folks talk”), published June 13, 2006.

Asheville Citizen-Times (article on dialect variation, “WCU works with two universities on dialect study”), article published April 17, 2006.

OSU On Campus (piece on NIH research award), published April 06, 2006.