

Richard Wright

Professor and Chair, Phonetics Laboratory Director
University of Washington, Department of Linguistics

Education

- 1986 BA with honors in French, African studies certificate, Michigan State University
- 1993 MA in Linguistics, UCLA.
“Trading relations and informational models”
Committee chair: Patricia Keating
- 1996 Ph.D. in Linguistics, UCLA
“Consonant clusters and cue preservation in Tsou”
Committee chair: Patricia Keating

Relevant Employment and Academic Appointments

- July 2015-pres. Chair, Department of Linguistics, University of Washington
- Sept. 2012-pres. Professor, Phonetics Lab Director, Department of Linguistics
Adjunct Professor*, Department of Speech and Hearing Sciences,
- Sept. 2004-2012 Associate Professor, Phonetics Lab Director, Linguistics
Adjunct Associate Professor, Speech and Hearing Sciences
- Sept. 1998-2004 Assistant Professor, Phonetics Lab Director, Linguistics
Adjunct Assistant Professor, Speech and Hearing Sciences
- 2009 Linguistic Society of America Summer Institute invited instructor, June 6th-
August 13th, UC Berkeley, Berkeley CA <http://lsa2009.berkeley.edu/>
- 2003 Linguistic Society of America Summer Institute invited instructor, June 30th-
August 8th, Michigan State University, East Lansing, MI
<http://lsa2003.lin.msu.edu/>
- 1996-1998 NIH Postdoctoral Research Fellow, Indiana University Department of
Psychology, Speech Research Laboratory. Supervisor: David Pisoni.
- 1986-1988 U.S. Peace Corps Volunteer: Kenya, Secondary Education

Research Grants

- 2016-2021 Northwestern University: “Acoustic and perceptual effects of WDRC
amplification III” (NIH Subcontract - Awarded 2016)
Amount: \$340,039 (Direct \$252,747, Indirect: \$87,292)
Role: P.I.
- 2016-2019 NSF IIS/BCS 15574, “Modeling Idiosyncrasies of Speech for Automatic Spoken
Language Processing” (Awarded 2016)
Amount: \$500,000 (Direct: \$322,961, Indirect: \$127,038)
P.I. Mari Ostendorf UW Dept. of Electrical Engineering
Role: Co-P.I.
- 2010-2016 Northwestern University: “Acoustic and perceptual effects of WDRC
amplification II” (NIH Subcontract) (Awarded 2010)
Amount: \$382,925 (Direct: \$265,848, Indirect: \$177,077)

* The term “adjunct” is used at UW to signify affiliate status outside of the professor’s home department. It is the result of a faculty vote, review by the dean, and approval by academic HR.

- Role: P.I.
- 2013-2016 NSF, IIS 1351034, Robust Intelligence, (Directorate for Computer & Information Science & Engineering): “EAGER: ATAROS – Automatic Tagging and Recognition of Stance”
Amount: \$249,975
P.I. Gina Levow UW Dept. of Linguistics
Role: Co-P.I.
- 2009-2010 UW Royalty Research Fund Grant: “PHOIBLE: PHOnetics Information Base and Lexicon”
Amount: \$36,661
Role: P.I.
- 2005-2010 NIH R01: “Acoustic and perceptual effects of WDRC amplification”
Amount: \$1,116,480
P.I. Pamela Souza UW Dept. of Speech and Hearing Sciences
Role: Collaborator
- 2004-2007 NSF ITR 0326382: “The vocal joystick: continuous control parameters with the human voice”
Amount: \$1,240,000
P.I. Jeffrey Bilmes, UW Dept. of Electrical Engineering
Role: Co-P.I.
- 2003-2006 Endangered Languages Documentation Programme, Univ. of London School of Oriental and African Studies: “Aleut conversation corpus”
Amount: \$145,863
Role: Supervising P.I. for Alice Taff, post-doc, UW Dept. of Linguistics
- 2003 UW Royalty Research Fund Grant: “An annotated database of speech style variation”
Amount: \$39,600
Role: P.I.
- 2002 IBM: “ToBI labeling of the IBM read speech corpus for speech synthesis”
Amount: \$10,000
Role: P.I.
- 2001 CMBL research affiliate grant: “Variability in language production and perception: a cross-linguistic investigation of motherese, hyperspeech, and Lombard speech”
Amount: \$101,788
P.I. Alicia Beckford Wassink UW Dept. of Linguistics
Role: Co-P.I.

Service and Teaching Grants

- 2021 “Course development grant for Data Science Minor”
Amount: \$25,000
Role: Faculty Lead with Olga Zamaraeva

- 2010 Student Technology Fee 2010-063-1: “Phonetics and Sociolinguistics Lab Upgrade”
Amount: \$16,896
Role: Faculty Lead with Alicia Beckford Wassink, UW Linguistics
- 2004 Student Technology Fee 2004-098-1: Portable CD recorders and Editing/Analysis stations for Student Research
Amount: \$ \$24,571.00
Role: Faculty Lead
- 2001 Simpson Center for the Humanities Grant: “Keynote speakers funding for WECOL”
Amount: \$1,236
Role: Conference Organizer
- 2000 UW Arts and Sciences Curriculum Development Grant: Interactive Multimedia Linguistics”.
Amount: \$27,722
Role: Co-developer with Julia Herschensohn, Alicia Beckford Wassink, and Karen Zagona UW Linguistics

Peer reviewed journal and series articles (denotes student or postdoc)

- Souza, Pamela; Ellis, Gregory; Marks, Kendra; Wright, Richard; Gallun, Frederick (2021). Does the speech cue profile affect response to amplitude envelope distortion? *Journal of Speech, Language, and Hearing Research*. https://doi.org/10.1044/2021_JSLHR-20-00481 (30%)
- Souza, Pamela; Gallun, Frederick; Wright, Richard (2020). Contributions to speech-cue weighting in older adults with impaired hearing. *Journal of Speech, Language, and Hearing Research*, **63**, pp. 334–344. DOI:10.1044/2019_JSLHR-19-00176 (33%)
- Tucker, Benjamin V.; Wright, Richard (2020). Introduction to the special issue on the phonetics of under-documented languages. *The Journal of the Acoustical Society of America* **147**:4, 2741 <https://doi.org/10.1121/10.0001107> (50%)
- Wright, Richard; Mansfield, Courtney; Panfili, Laura (2019). Voice quality types and uses in North American English, *Anglophonia*, **27** <https://doi.org/10.4000/anglophonia.1952> (33%)
- Oganyan, Marina; Wright, Richard; Herschensohn, Julia (2019). The role of the root in auditory word recognition of Hebrew, *Cortex*, **116**, pp. 286-293 DOI:10.1016/j.cortex.2018.06.010 Contribution (33%)
- Souza, Pamela; Wright, Richard; Gallun, Frederick; Reinhart, Paul (2018). Reliability and repeatability of the speech cue profile. *Journal of Speech, Language, and Hearing Research*, **61**(8), pp. 2126-2137. DOI:10.1044/2018_JSLHR-H-17-0341 Contribution (30%).
- DiNino, Mishaela; Wright, Richard; Winn, Matthew Brandon; Bierer, Julie Arenberg (2016). Vowel and consonant confusions from spectrally-manipulated stimuli designed to simulate poor cochlear implant electrode-neuron interfaces. *The Journal of the Acoustical Society of America* **140**, pp. 4404-4418. <http://doi.org/10.1121/1.4971420> Contribution (30%)

- Shen, Jing; Wright, Richard; Souza, Pamela (2016). On older listeners' ability to perceive dynamic pitch. *Journal of Speech Language and Hearing Research*, **59**, 572-582. DOI:10.1044/2015_JSLHR-H-15-0228 (33%)
- Bierer, Julie Arenberg; Spindler, Eugene; Bierer, Steven; Wright, Richard (2016). An examination of sources of variability across the Consonant-Nucleus-Consonant test in cochlear implant listeners. *Trends in Hearing*, **20**, pp. 1-8. <https://doi.org/10.1177/2331216516646556> (20%)
- Won, Jong Ho; Tremblay, Kelly; Clinard, Christopher G.; Wright, Richard A.; Sagi, Elad; Svirsky, Mario (2016). The neural encoding of formant frequencies contributing to vowel identification in normal-hearing listeners. *Journal of the Acoustical Society of America*, **139**(1), pp. 1-11. doi:10.1121/1.4931909 (20%)
- Souza, Pamela; Wright, Richard; Blackburn, Michael; Tatman, Rachael; Gallun, Frederick J. (2015). Individual sensitivity to spectral and temporal cues in listeners with hearing impairment. *Journal of Speech, Language, and Hearing Research*, **58**, 520–534. doi:10.1044/2015_JSLHR-H-14-0138 (30%)
- McCloy, Daniel; Wright, Richard; Souza, Pamela (2015). Talker versus dialect effects on speech intelligibility: a symmetrical study. *Language and Speech*. **58**(3), 371–386. doi:10.1177/0023830914559234 (40%)
- Barrack, Charles; McCloy, Daniel; Wright, Richard (2014). Did murmur spread in Pre-Proto-Indo-European? *Indogermanische Forschungen: Zeitschrift für Indogermanistik und historische Sprachwissenschaft*, **119**(1), 149–158. DOI: 10.1515/if-2014-0009 (33%)
- Souza, Pamela; Gehani, Namita; Wright, Richard; McCloy, Daniel (2013). The advantage of knowing the talker, *Journal of the American Academy of Audiology*, **24**(8), 689-700. (30%)
- Moran, Steven; McCloy, Daniel; Wright, Richard A. (2012). Revisiting population size vs. phoneme inventory size. *Language*, **88**(4): 877-893. doi:10.1353/lan.2012.0087 (30%)
- Souza, Pamela; Wright, Richard; Bor, Stephanie (2012). Consequences of broad auditory filters for identification of multichannel-compressed vowels. *Journal of Speech Language and Hearing Research*, **55**, 474-486. (40%)
- Wright, Richard; Souza, Pamela (2012). Comparing identification of standardized and regionally-valid vowels. *Journal of Speech Language and Hearing Research*. **55** (1), 182-193. (80%)
- Friesen, Lendra M; Tremblay Kelly L; Rohila, Neeru; Wright, Richard A; Shannon Robert V.; Baskent, Deniz; Rubinstein, Jay T. (2009). Evoked cortical activity and speech recognition as a function of the number of simulated cochlear implant channels. *Clinical neurophysiology*. **120**(4), 776-82. (20%)
- Bor, Stephanie; Souza, Pamela; Wright Richard (2008). Multichannel compression: Effects of reduced spectral contrast on vowel identification. *Journal of Speech Language and Hearing Research*, **51**, 1315-1327. (33%)
- Harnsberger, James; Wright, Richard; Pisoni, David B. (2008). A new method for eliciting speech styles in the laboratory, *Speech Communication*, **50**: 323-336. (40%)

- Wassink, Alicia B.; Wright, Richard; Franklin, Amber (2007) Intraspeaker variability in vowel production: an investigation of motherese, hyperspeech, and Lombard speech in Jamaican speakers, *Journal of Phonetics*, **35**(3), 353-379. (40%)
- Bates, Rebecca; Ostendorf, Mari; Wright, Richard (2007). Symbolic phonetic features for modeling of pronunciation variation, *Speech Communication*, **49**, 83-97. (30%)
- Johnson, Keith; Flemming, Edward; Wright, Richard (2004) Response to Whalen et al. *Language* **80** (4), 646-648. (30%)
- Tremblay, Kelly; Friesen, Lendra; Martin, Brett A.; Wright, Richard (2003). Test-retest reliability of cortical evoked potentials using naturally-produced speech sounds. *Ear and Hearing*, **24**(3), 225-232. (20%)
- Wright, Richard; Hargus, Sharon; Davis, Katharine (2002). On the categorization of ejectives: data from Witsuwit'en. *Journal of the International Phonetic Association*, **32:1**, pp. 43-77. (40%)
- Frisch, Stefan and Wright, Richard (2002). The phonetics of phonological speech errors: An acoustic analysis of slips of the tongue. *Journal of Phonetics*, **30**, pp. 139-162. (50%)
- Harnsberger, James; Svirsky, Mario; Kaiser, Adam; Pisoni, David B.; Wright, Richard; Meyer, Ted (2001). Perceptual “vowel spaces” of cochlear implant users: Implications for the study of auditory adaptation to spectral shift. *Journal of the Acoustical Society of America*, **109**(5), 2135-2145. (30%)
- Wright, Richard and Ladefoged, Peter (1997). A phonetic study of Tsou. *Bulletin of the Institute of History and Philology, Academia Sinica*, **68**(4), 987-1028. (80%)
- Johnson, Keith; Flemming, Edward; Wright, Richard (1993). The hyperspace effect: Phonetic targets are hyperarticulated. *Language*, **69**(3), 505-528. (30%)
- Wright, Richard and Shryock, Aaron (1993). The effects of implosives on pitch in SiSwati. *Journal of the International Phonetic Association*, **23**(1), 16-23. (75%)

Refereed book chapters and collections (indicates student or postdoc)

- Oganyan, Marina; Wright, Richard; McCullough, Elizabeth (2021). Comparing Segmental and Prosodic Contributions to Speech Accent. In R. Wayland (Ed.), *Second Language Speech Learning: Theoretical and Empirical Progress* (pp. 337-349). Cambridge: Cambridge University Press. doi:10.1017/9781108886901.014 (30%)
- Fulop, Sean; Wright, Richard (2020). Chapter 7 Recording and Measuring Acoustic Attributes of Clicks. In Bonny Sands (Ed.), *Click Consonants*. Leiden, The Netherlands: Brill, pp. 241-274. doi: https://doi.org/10.1163/9789004424357_008 (50%)
- Henke, Eric; Kaisse, Ellen; Wright, Richard (2012) Is the Sonority Sequencing Principle an epiphenomenon? In S. Parker (Ed.) *The Sonority Controversy*. Berlin & Boston: De Gruyter Mouton, pp. 65-100. <https://doi.org/10.1515/9783110261523> (33%)
- Osterhout, Lee; Wright, Richard; Allen, M. D. (2010). The psychology of linguistic form. In P.C. Hogan (Ed.), *The Cambridge Encyclopedia of Language Sciences*. (33%)

- Wright, Richard (2006). Experimental phonology. In K. Brown (Ed.), *Encyclopedia of Language and Linguistics, 2nd Edition*. Cambridge: Elsevier.
- Wright, Richard (2004). A review of perceptual cues and cue robustness, In B. Hayes, R. Kirchner, and D. Steriade (eds.) *Phonetically Based Phonology*, pp. 34-57. Cambridge: Cambridge University Press.
- Wright, Richard (2003). Factors of lexical competition in vowel articulation, in John Local, Richard Ogden & Rosalind Temple (Eds.), *Phonetic Interpretation: Papers in Laboratory Phonology VI*. Cambridge: CUP, pp 75-87.
- Wright, Richard (2001). Perceptual cues in contrast maintenance. In E. Hume and K. Johnson (Eds.) *The role of speech perception in phonology*, pp. 251-277. San Diego: Academic Press.
- Wright, Richard (1999). Tsou consonant clusters and auditory cue preservation. *Selected Papers from the Eighth International Conference on Austronesian Linguistics: Symposium Series of the Institute of Linguistics, Academia Sinica*, **1**, pp. 277-312.
- Wright, Richard; Frisch, Stefan; Pisoni, David B. (1999). Speech perception. In J. Webster (ed.), *Encyclopedia of electrical and electronics engineering*, pp. 175-195. New York: John Wiley and Sons. (50%)

Refereed conference and workshop proceedings – full paper review (student or postdoc author)

- Mansfield, Courtney; Ng, Sara; Levow, Gina-Anne; Wright, Richard; Ostendorf, Mari (2021). Revisiting parity of human vs. machine conversational speech transcription. *Proceedings of INTERSPEECH 2021, The 22nd Annual Conference of the International Speech Communication Association, Brno, Czechia, 30 August – 3 September, 2021*. (20%)
- Zayats, Vicky; Tran, Trang; Wright, Richard; Mansfield, Courtney; Ostendorf, Mari (2019). Disfluencies and Human Speech Transcription Errors. *Proceedings of INTERSPEECH 2019, The 20th Annual Conference of the International Speech Communication Association, Graz, Austria, Sep. 15-19, 2019*. Contribution (25%)
- Levow, Gina-Anne and Wright, Richard (2017). Exploring Dynamic Measures of Stance in Spoken Interaction. *Proceedings of INTERSPEECH 2017, 18th Annual Conference of the International Speech Communication Association, Stockholm, Sweden, August 20-24 (pp. 1452-1456)*. ISCA Archive: http://www.isca-speech.org/archive/Interspeech_2017/. Contribution (50%)
- Freeman, Valerie; Levow, Gina-Anne; Wright, Richard; Ostendorf, Mari (2015). Investigating the role of 'yeah' in stance- dense conversation. *Proceedings of INTERSPEECH 2015, 16th Annual Conference of the International Speech Communication Association, Dresden, Germany, Sept. 6-10 (pp. 3076-3080)*. ISCA Archive: http://www.isca-speech.org/archive/interspeech_2015/. (25%)
- Levow, Gina-Anne; Freeman Valerie; Hrynkevich, Alena; Ostendorf, Mari; Wright, Richard; Chan, Julian; Luan, Yi; Tran, Trang (2014). Recognition of stance strength and polarity in spontaneous speech. *Proceedings of the 5th IEEE Workshop on Spoken Language Technology (SLT 2014), South Lake Tahoe, NV, Dec. 7-10 (pp. 236 -241)*. IEEE Xplore: <http://ieeexplore.ieee.org/xpl/mostRecentIssue.jsp?punumber=7066250>. (10%)

- Freeman, Valerie; Chan, Julian; Levow, Gina-Anne; Wright, Richard; Ostendorf, Mari; Zayats, Victoria (2014). Manipulating stance and involvement using collaborative tasks: An exploratory comparison. *Proceedings of INTERSPEECH 2014, 15th Annual Conference of the International Speech Communication Association*, Singapore, Sept. 14-18 (pp. 2238-2242). ISCA Archive: http://www.isca-speech.org/archive/interspeech_2014. (15%)
- Luan, Yi; Ostendorf, Mari; Wright, Richard; Levow, Gina-Anne (2014). “Relating automatic vowel space estimates to talker intelligibility”, in *Proceedings of INTERSPEECH 2014, 15th Annual Conference of the International Speech Communication Association*, Singapore, Sept. 14-18 2014. (20%)
- Wright, Richard (2014). “Prolegomenon to a transcription system for Turkmen intonation: TUK-ToBI”. *Berkarar Döwletimizň Bagtyýarlyk Döwründe Ylym, Tehnika we Innowasion Tehnologiyalar (Proceedings of the International conference on science, technology, and technological innovation)*, Ashgabat, Turkmenistan, June 12-14, 2014
- Kilanski, Kelley; Malkin, Jonathan; Li, Xiao; Wright, Richard; Bilmes Jeff A. "The Vocal Joystick Data Collection Effort and Vowel Corpus," *In INTERSPEECH-2006, paper 1885-Tue2WeO.2*. (20%)
- Li, Xiao; Malkin, Jonathan; Harada, Susumu; Bilmes Jeff A.; Wright, Richard; Landay, James (2006): "An online adaptive filtering algorithm for the vocal joystick", *In INTERSPEECH-2006, paper 1872-Tue3CaP.10*. (20%)
- Wright, Richard “Intra-speaker variation and units in human speech perception and ASR,” *ITRW on Speech Recognition and Intrinsic Variation Workshop (SRIV 2006)*, In: Proceedings of the Workshop on Speech Recognition and Intrinsic Variation, Toulouse, France, pp. 39–42.
- Bilmes, Jeff A.; Malkin, Jonathan; Li, Xiao; Harada, Susumu; Kilanski, Kelley; Kirchhoff, Katrin; Wright, Richard; Subramanya, Amarnag; Landay, James; Dowden, Patricia; Chizeck, Howard (2006) “The Vocal Joystick,” *Proceedings of the IEEE Intl. Conf. on Audio, Speech and Signal Processing*, Toulouse, France, May, 2006. (10%)
- Bilmes, Jeff A.; Li, Xiao; Malkin, Jonathan; Kilanski, Kelley; Wright, Richard; Kirchhoff, Katrin; Subramanya, Amarnag; Harada, Susumu; Landay, James A.; Dowden, Patricia; Chizeck, Howard (2005). “The Vocal Joystick: A Voice-Based Human-Computer Interface for Individuals with Motor Impairments,” *Proceedings of Human Language Technology Conf. and Conf. on Empirical Methods in Natural Language Processing*, Vancouver, Canada, Oct, 2005. (10%)
- Bilmes, Jeff A.; Li, Xiao; Malkin, Jonathan; Kilanski, Kelley; Wright, Richard; Kirchhoff, Katrin; Subramanya, Amarnag; Harada, Susumu; Landay, James A.; Dowden, Patricia; Chizeck, Howard (2005). “The Vocal Joystick Demo at UIST05: A Voice-Based Human-Computer Interface,” *Proceedings of the 18th Annual ACM Symp. on User Interface Software and Technology*, Seattle, Oct, 2005. (10%)
- Shafran, Isaac; Ostendorf, Mari; Wright, Richard, Prosody and phonetic variability: Lessons learned from acoustic model clustering (2001) *Proc. ISCA Workshop on Prosody in Speech Recognition and Understanding*, pp. 127-131. (20%)

Research databases and corpora (indicates student or postdoc)

Panfili, L. M.; Haywood, J.; McCloy, D. R., Souza, P. E.; and Wright, R. A. (2017). The UW/NU Corpus, Version 2.0 <https://depts.washington.edu/phonlab/projects/uwnu.php>

Moran, Steven, McCloy, Daniel, and Wright, Richard (eds.) 2014. PHOIBLE Online. Leipzig: Max Planck Institute for Evolutionary Anthropology. <http://phoible.org>

Freeman, V., Chan, J., Levow, G.-A., Wright, R., Ostendorf, M., Zayats, V., Luan, Y., Morrison, H., Fox, L., Antoniak, M., & Parsons, P., ATAROS (Automatic Tagging and Recognition of Stance) Corpus (2014). <https://depts.washington.edu/phonlab/projects/ataros.php>

McCloy, D. R., Souza, P. E., Wright, R. A., Haywood, J., Gehani, N., & Rudolph, S. (2013). The UW/NU Corpus. Version 1.0. <https://depts.washington.edu/phonlab/projects/uwnu.php>

Articles accepted for publication in lay publications

Tucker, Benjamin and Wright, Richard (2020). Speech acoustics of the world's languages. *Acoustics Today*, **16: 2**, An Acoustical Society of America publication, pp 56-64.

Working papers and technical reports (indicates student or postdoc)

Hargus, Sharon; Levow, Gina; and Wright, Richard (2020). Acoustic Characteristics of Deg Xinag Fricatives. *University of Washington Working Papers in Linguistics*.

Panfili, Laura M.; Haywood, Jennifer; McCloy, Daniel R.; Souza, Pamela E.; and Wright, Richard A. (2017). *The PN/NC Corpus, Version 2.0*
<http://depts.washington.edu/phonlab/resources/pnnc/pnnc2>

McCloy, Daniel. R.; Souza, Pamela E.; Wright, Richard A.; Haywood, Jennifer, Gehani, Namita; and Rudolph, Sarah (2013). *The PN/NC corpus*. Version 1.0.
<http://depts.washington.edu/phonlab/resources/pnnc/pnnc1>

Bilmes, Jeff A.; Li, Xiao; Malkin, Jonathan; Kilanski, Kelley; Wright, Richard; Kirchhoff, Katrin; Subramanya, Amarnag; Harada, Susumu; Landay, James A.; Dowden, Patricia; Chizeck, Howard (2005). The Vocal Joystick: A Voice-Based Human-Computer Interface for Individuals with Motor Impairments. *University of Washington, Department of Electrical Engineering, Technical Report UWEETR-2005-0007*.

Harnsberger, James; Wright, Richard; Pisoni, D. B. (2000). Effects of speaking style on the perceptual learning of novel voices: A first report. In *Research on Spoken Language Processing Progress Report No. 24*, pp. 169-188. Bloomington, IN: Speech Research Laboratory, Indiana University.

Keating, Patricia; Wright, Richard; Zhang, Jie (1999). Word level asymmetries in consonant articulation. *UCLA Working Papers in Phonetics*, **97**, pp. 157-173.

Quillet, C.; Wright, R.; Pisoni, D. B. (1998). Perception of “place-degraded speech” by normal-hearing listeners: Some preliminary findings. In *Research on Spoken Language Processing Progress Report No. 22*, pp. 354-375. Bloomington, IN: Speech Research Laboratory, Indiana University.

Brink, J.; Wright, Richard; Pisoni, D.B. (1998). Eliciting speech reduction in the laboratory: Assessment of a new experimental method. In *Research on Spoken Language Processing*

Progress Report No. 22, pp. 396-420. Bloomington, IN: Speech Research Laboratory, Indiana University.

Bowdle, B. F.; R. Wright (1998). Lexical neighborhoods and subjective intelligibility ratings: a preliminary report. In *Research on Spoken Language Processing Progress Report No. 22*, pp. 345-352. Bloomington, IN: Speech Research Laboratory, Indiana University.

Wright, R. (1996). Tone and accent in Oklahoma Cherokee. *UCLA Occasional Papers in Linguistics*, **16**, pp. 11-22.

Wright, Richard; Maddieson, I.; Ladefoged, P.; Sands, B. (1995). A phonetic study of Sandawe clicks. *UCLA Working Papers in Phonetics*, **91**, pp. 1-24.

Maddieson, I.; R. Wright (1995). The consonants and vowels of Amis - a preliminary report. *UCLA Working Papers in Phonetics*, **91**, pp. 45-65.

Wright, R. (1992). Trading relations and informational models. *UCLA Working Papers in Phonetics*, **83**, pp 75-95.

Book Reviews

Endangered Languages in Africa. Edited by Matthias Brenziger. Rüdiger Köppe Verlag: Köln, 1998. Pp. 284. For *Newsletter of the Endangered Language Fund*

Invited Talks and Colloquia

- 2019 Richard Wright “Sonority, the SSP, and the Hearer”. Invited colloquium talk presented at the University of Alberta Department of Linguistics, Edmonton, Canada, September 13, 2019.
- 2019 Courtney Mansfield and Richard Wright “We’re Not Surprised You Didn’t Notice That: Linguistic Surprisal and Misperception in Conversation”. Invited talk presented in the Center for Statistics in the Social Sciences Seminar, January 30th, 2019.
- 2019 Richard Wright, Pamela Souza, Erick Gallun, “Relating individual auditory cue weighting to discrimination in older adults with hearing loss”. Invited talk presented in the Seminars in Hearing and Communications Sciences (SHACS), UW Department of Speech and Hearing Sciences and the Virginia Merrill Bloedel Hearing Research Center (VMBHRC), January 18, 2019.
- 2018 Richard Wright, “The phonetics of stance”. Lightning talk presented at the University of Washington Dept. of Linguistics Colloquium, November 2, 2018.
- 2018 Richard Wright, “Voice quality types and uses in North American English”. Plenary address at the *19^e colloque de Villetaneuse sur l’anglais oral Université Paris 13 – Sorbonne Paris Cité (Pléiade EA7338) et ALOES*. Paris, FR, April 6, 2018.
- 2017 Richard Wright, “Talker intrinsic and hearer intrinsic factors in speech intelligibility: Individual variability and familiarity” Invited Colloquium at the Michigan State University Department of Communicative Sciences and Disorders, April 28, 2017
- 2017 Richard Wright, Valerie Freeman, Gina-Anne Levow, Mari Ostendorf, “Acoustic modeling of stance acts in conversational speech” Invited talk at the UCLA Phonetics Seminar, UCLA Dept. of Linguistics, March 6, 2017.

- 2016 Richard Wright, Gina-Anne Levow, Valerie Freeman, “Acoustic modeling of stance acts in the ATAROS conversational corpus” Invited colloquium presented at the UC Santa Barbara Dept. of Linguistics, November 10th, 2016.
- 2016 Richard Wright, “Empirical methods in acoustic and perceptual phonetics” Invited workshop talk presented at The Nanjing University of Science and Technology School of Foreign Studies, September 29th, 2016.
- 2016 Richard Wright and Elizabeth McCullough, “Comparing segmental and prosodic contributions to speech accent”. Invited colloquium presented at The Nanjing University of Science and Technology School of Foreign Studies, September 28th, 2016.
- 2016 Richard Wright and Elizabeth McCullough, “Prosody and perceived accentedness in North American English”. Plenary address at *5th International Conference on English Phonetics Teaching in China (EPCC2016)*, Yanji, China, September 24th, 2016
- 2016 Richard Wright, “Turkmen intonation across sentence types”, Plenary address at *Berkarar Döwletimiziň Bagtyýarlyk Döwründe Ylym, Tehnika we Innowasion Tehnologiyalar (International conference on science, technology, and technological innovation)*, Ashgabat, Turkmenistan, June 13, 2016
- 2015 Richard Wright, Pamela Souza, Namita Gehani, and Daniel McCloy, “Probing the familiar-talker advantage in populations with hearing loss” Invited colloquium presented at the University of Washington Dept. of Speech and Hearing Sciences, October 16, 2015.
- 2014 Pamela Souza and Richard Wright, “Measuring sensitivity to spectral and temporal cues with hearing loss: what next?” Invited Phonatics Group talk presented at Northwestern University Dept. of Linguistics, January 28, 2014.
- 2012 Richard Wright, “Exploring sources of individual variability in intelligibility” Invited colloquium presented at the University of Washington Dept. of Speech and Hearing Sciences, May 4, 2012.
- 2012 Richard Wright, “The role of inter- vs. intra-talker variation in perceptual training” Invited Phonatics Group talk presented at Northwestern University Dept. of Linguistics, February 8, 2012.
- 2011 Richard Wright, “The role of inter- vs. intra-talker variation in perceptual training” Invited colloquium talk presented at the University of Washington Dept. of Speech and Hearing Sciences, February 18, 2011.
- 2010 Richard Wright, “Does style matter? Multi-talker effects in non-native word learning” Invited colloquium talk presented at the University of Washington Dept. of Linguistics, November 19, 2010.
- 2010 Richard Wright, “Multitalker effects in non-native word learning” Invited colloquium talk presented at the University of Oregon Dept. of Linguistics, Eugene, Oregon, May 7, 2010.
- 2010 Richard Wright, “The locus of multitalker effects: Learning words with non-native sounds” Invited colloquium talk presented at the University of Alberta Dept. of Linguistics, Edmonton, Alberta, March 12, 2010.

- 2008 The old phonetics-phonology limbo: how low can your grammar go? Colloquium presented at the UC Santa Cruz Department of Linguistics, April 25, 2008.
- 2008 Probing lexical effects in speech production: beyond words in isolation. Colloquium presented as part of the UW Psychology Cognition and Perception Series.
- 2008 How does phonetics fit in phonology? Invited talk at the Simon Frasier University *Phonology Fest 2008*, Burnaby, BC, April 5, 2008.
- 2006 The advantage of featural approaches to the problem of speaker internal variation. Keynote address for the *Speech recognition and Intrinsic Variation Workshop*, a satellite of *IEEE Intl. Conf. on Audio, Speech and Signal Processing*, Toulouse, France, May, 2006.
- 2005 Simon Frasier University (with Alicia Beckford Wassink, Lisa Galvin, and Lesley Carmichael) "Motherese, hyperarticulation, and the Lombard response: Comparing listener-based adaptations"
- 2004 University of Washington, Department of Linguistics (with Evie Tops and Hans Van der Velde, Vrije Universiteit Brussel, Universiteit Utrecht) "A rhotic journey: trill seeking in Flanders"
- 2004 University of British Columbia, Department of Linguistics (with Evie Tops and Hans Van der Velde[±], Vrije Universiteit Brussel, [±]Universiteit Utrecht) "Acoustic va-R-iation in Dutch"
- 2003 University of Pittsburgh, Department of Linguistics (with Alicia Beckford Wassink, Lisa Galvin, and Lesley Carmichael) "Putting motherese in its place: comparing child directed speech to other listener-based speaking adjustments"
- 2002 University of Washington, Department of Linguistics (with Sharon Hargus) "Variation in ejectives: the case of Witsuwit'en"
- 2001 University of Washington, Department of Linguistics "Position in word and manner effects on coarticulation: Tsou"
- 2001 University of Alberta, Edmonton, Dept. of Linguistics "Sources of predictable variability in spoken language"
- 2001 IUPUI Indianapolis Medical School, Department of Otolaryngology "CI users' vowels: Comparing production and perception spaces"
- 2000 University of Washington, Department of Electrical Engineering "Variation in Spoken Language: Listener Based Factors"
- 2000 University of British Columbia, Department of Linguistics "Rethinking phonotactic constraints: perceptual underpinnings"
- 2000 University of Washington, Department of Linguistics "Perception and phonotactics"
- 1999 IUPUI Indianapolis Medical School, Department of Otolaryngology "Vowel perception and basal shift in a CI population"
- 1997 International Computer Science Institute, University of California, Berkeley

- “Output vs system oriented behavior in spoken language: Lexical competition and reduction in vowels”
- 1997 Stanford University, Center for Computer Research in Music and Acoustics
“Output vs system oriented behavior in spoken language: Lexical competition and reduction in vowels”
- 1997 University of Rochester, Department of Linguistics
“Talker-hearer interactions in spoken language: Consonant clusters in Tsou”
- 1997 Michigan State University, Dept. of Linguistics and Languages
“Perceptual context limitations on consonant articulations”
- 1997 University of Michigan, Program in Linguistics
“Consonant clusters and cue preservation in Tsou”
- 1996 Indiana University, Department of Psychology
“The role of auditory perception in syllable organization”
- 1996 The Ohio State University, Department of Linguistics
“Syllable structure and the distribution of auditory cues: the case of Tsou”

Conference and Workshop Presentations

- 2021 Sara Ng, Gregory Matthew Ellis, Pamela Souza, Erick Gallun, Richard Wright.
“Modeling the time course of cue weighting angle calculations” *181st Meeting of the Acoustical Society of America*, November 2021.
- 2021 Gavriel D Kohlberg, Eric M Prater, Yi Shen, Adrian KC Lee, Jay T Rubinstein, Les E Atlas, Richard A Wright. “Do Humans Integrate Auditory and Text Information in a Statistically Optimal Fashion?” *181st Meeting of the Acoustical Society of America*, November 2021.
- 2021 Courtney Mansfield, Sara Ng, Gina-Anne Levow, Richard A. Wright, Mari Ostendorf.
“What does parity mean? A detailed comparison of ASR and human transcription errors” *Special session: Speech and Machines, 181st Meeting of the Acoustical Society of America*, November 2021.
- 2021 Pamela Souza, Gregory Ellis, Frederick Gallun, Richard Wright. “The speech cue profile and its consequences for hearing aid processing” *International Symposium on Auditory and Audiological Research 2021: The auditory system throughout life – Models, mechanisms and interventions*, 27 August 2021.
- 2021 Courtney Mansfield, Sara Ng, Gina-Anne Levow, Richard A. Wright, Mari Ostendorf.
“Revisiting Parity of Human vs. Machine Conversational Speech Transcription” *Interspeech 2021*, Brno, Czechia, 1 September, 2021.
- 2021 Matthew Winn, Richard Wright. “A Critical Look at Commonly Used Stimuli in Speech Perception Experiments” *Special session: Ideas Worth Reconsidering in Speech Perception and Production, 180th Meeting of the Acoustical Society of America* (virtual), 8 June 2021. <https://doi.org/10.26226/morressier.606f15dd30a2e980041f238b>

- 2020 Richard Wright, Marina Oganyan. “The uniqueness point vs the root in spoken word recognition in Hebrew” *Workshop on Spoken Morphology*. Heinrich- Heine- Universität, Düsseldorf (virtual), April 15, 2020.
- 2019 Marina Oganyan, Richard Wright. “Recognizing Words Before the Uniqueness Point: Role of Frequency, Neighborhood Density and the Root Morpheme in Auditory Word Recognition in Hebrew” *MoProc 2019: The International Morphological Processing Conference*. University of Tübingen, Tübingen, Germany, November 5, 2019.
- 2019 Pamela Souza, Richard Wright, Frederick Gallun, Kendra Marks, Patrick Zacher. “Does the speech cue profile affect response to temporal distortion?” *46th Annual Scientific and Technology Meeting, American Auditory Society*. Scottsdale, Arizona, 1 March, 2019.
- 2018 Daniel McCloy, Laura Panfili, Cornelia John, Matthew Winn, Richard Wright. “Gender, the individual, and intelligibility” *176th Meeting of the Acoustical Society of America & 2018 Acoustics Week in Canada*, Victoria, Canada, 5 November, 2018.
- 2018 Richard Wright. “Individual and Gender Effects in Speech Intelligibility” *2018 Northwest Auditory and Vestibular Research Meeting*, University of Washington, Seattle, WA, 11 October, 2018.
- 2018 Marina Oganyan, Richard Wright, Julia Herschensohn. “The Role of Noun vs. Verb Templates in Visual Word Recognition in Hebrew” *The 11th International Conference on the Mental Lexicon*, Edmonton, Alberta, CA, 28 September, 2018.
- 2018 Marina Oganyan, Julia Herschensohn, Richard Wright. “Transferring Concatenative Reading Strategies to a Templatic L2” *Euro SLA: 28th Conference of the European Second Language Association, Westfälische Wilhelms-Universität Münster*, Münster, DE, 6 September, 2018.
- 2018 Richard Wright. “Master class in spectrogram reading” *2018 Voice Quality Pre-Conference Workshop, Université Sorbonne, Paris Cité 7 – Paris Didérot*, Paris, FR, 5 April, 2018.
- 2017 Gina-Anne Levow, Richard Wright. “Exploring Dynamic Measures of Stance in Spoken Interaction. *INTERSPEECH 2017, 18th Annual Conference of the International Speech Communication Association*, Stockholm, Sweden, 22 August , 2018.
- 2017 Richard Wright. “The importance of the stimuli to intelligibility assessment” *2017 Conference on Implantable Auditory Prostheses*, Lake Tahoe, CA, 21 July, 2017.
- 2017 Mario Svirsky, Jongho Won, Christopher G. Clinard, Richard Wright, Elad Sagi, Kelly Tremblay. “Neural encoding of vowel formant frequency in normal-hearing listeners” *173rd Meeting of the Acoustical Society of America and the 8th Forum Acusticum*, Boston, MA, 28 June, 2017.
- 2017 Marina Oganyan, Julia Herschensohn, Richard Wright, Lee Osterhout. “Reading Complex Words in Hebrew as a Non-Concatenative Language” *2017 International Morphological Processing Conference (MoProc)*, Trieste, Italy, June 22-24, 2017.
- 2017 Pamela Souza, Richard Wright, Frederick Gallun, Paul Reinhart, Rachel Ellinger. “Reliability and repeatability of the speech cue profile” *American Auditory Society annual meeting*, Scottsdale, AZ, March 2-4, 2017.

- 2016 Elizabeth McCullough, Richard Wright. “Segmental versus prosodic predictors of perceived accentedness” *5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan*, Honolulu, Hawaii, December 1, 2016.
- 2016 Elizabeth McCullough, Richard Wright. “The role of syllable prominence in foreign accent perception”, *Northwest Phonetics & Phonology Conference*, Eugene, OR, May 15, 2016.
- 2016 Gina-Anne Levow, Richard Wright. “Dynamic measures of stance-taking in conversational speech”, *Northwest Phonetics & Phonology Conference*, Eugene, OR, May 14, 2016.
- 2016 Mishaela DiNino, Richard Wright, Julie Arenberg Bierer. “Vowel and consonant confusion patterns from manipulation of spectral cues”, *Association for Research in Otolaryngology 39th Annual Mid-Winter Meeting*, San Diego, CA, February 20, 2016
- 2015 Tibusungu Vayayana, Richard Wright. “The Status of the Tsou language of Taiwan: A’ausna ta e’e no Cou ne Taiwan”, *Language Shift in the Sinophone World*, Workshop held at the University of Washington on November 6, 2015.
- 2015 Valerie Freeman, Gina-Anne Levow, Richard Wright, Mari Ostendorf. “Investigating the role of ‘yeah’ in stance-dense conversation”, *Interspeech 2015*. Dresden, Germany, September 10, 2015.
- 2015 Marina Oganyan, Richard Wright, Julia Herschensohn. “Role of root morphology in Hebrew auditory lexical access”. *9th International Morphological Processing Conference*, Potsdam Germany, 18 June, 2015
- 2015 Valerie Freeman, Richard Wright, Gina-Anne Levow. “The prosody of negative yeah”. *89th Annual Meeting of the Linguistic Society of America*, Portland, OR, January 10th, 2015.
- 2014 Jing Shen, Richard Wright, Pamela Souza. “Effect of formant characteristics on older listeners’ dynamic pitch perception.” *168th Meeting of the Acoustical Society of America*, Indianapolis, Indiana, October 31, 2014.
- 2014 Valerie Freeman, Richard Wright, Gina-Anne Levow, Yi Luan, Julian Chan, Trang Tran, Victoria Zayats, Maria Antoniak, and Mari Ostendorf. “The phonetic correlates of stance-taking”. *168th Meeting of the Acoustical Society of America*, Indianapolis, Indiana, October 28, 2014.
- 2014 Marina Oganyan, Richard Wright, Julia Herschensohn. “Morphological Complexity and Letter Flexibility in Hebrew Lexical Access”. *Experimental Psycholinguistics Conference (ERP)*, Madrid, October 2, 2014.
- 2014 Marina Oganyan, Julia Herschensohn, Richard Wright. “Morphology Dependent Letter Flexibility in Hebrew Lexical Access”. *The Ninth International Conference on the Mental Lexicon*, Niagara on the Lake, Ontario, Canada, September 30, 2014.
- 2014 Richard Wright. “Prolegomenon to a transcription system for Turkmen intonation: TUK-ToBI”. *Berkarar Döwletimiziň Bagtyýarlyk Döwründe Ylym, Tehnika we Innowasion Tehnologiyalar (International conference on science, technology, and technological innovation)*, Ashgabat, Turkmenistan, June 14, 2014

- 2014 Valerie Freeman, Richard Wright, Gina Levow. “Phonetic marking of stance in a collaborative-task spontaneous-speech corpus”. *167th Meeting of the Acoustical Society of America*, Providence, Rhode Island, 7 May, 2014.
- 2013 Richard Wright. “Acoustic description of Standard Turkmen vowels”. *Berkarar Döwletimiziň Bagtyýarlyk Döwründe Ylym, Tehnika we Innowasion Tehnologiyalar (International conference on science, technology, and technological innovation)*, Ashgabat, Turkmenistan, 14 June, 2013
- 2013 Daniel McCloy, Steven Moran, Richard Wright. “Revisiting the role of features in phonological inventories”. Paper presented at the CUNY Conference on the Feature in Phonology and Phonetics, New York, NY, 17 January, 2013.
- 2012 Daniel McCloy, Richard Wright, August McGrath. “Modelling talker intelligibility variation in a dialect-controlled corpus” *164th Meeting of the Acoustical Society of America, Kansas City, MO*. 25 October, 2012.
- 2012 Tian Christina Zhao, Richard Wright, and Patricia Kuhl, “Modeling Mandarin tone 2 and tone 3 from natural productions with variability” *163rd Meeting of the Acoustical Society of America*, Hong Kong, 14 May, 2012.
- 2012 Valerie Freeman, Richard Wright, and Gina-Anne Levow, “ARIES: A corpus for the acoustic analysis of stance” *Northwest Linguistics Conference (NWLC), Seattle, WA*. 7 April, 2012.
- 2012 Steve Moran, Dan McCloy, and Richard Wright. “Revisiting the population vs phoneme-inventory correlation” *86th Meeting of the Linguistic Society of America*, Portland, OR, January 6, 2012.
- 2011 Richard Wright. “Intra- vs inter-talker effects in perceptual training” *161st Meeting of the Acoustical Society of America*, Seattle, WA, 27 May, 2011.
- 2011 Christina DiFrancisci, Jongho Won, Kelley Tremblay, Richard Wright, “Native Language Experience Influences the Perception of Envelope and Temporal Fine Structure Cues” *161st Meeting of the Acoustical Society of America*, Seattle, WA, 26 May, 2011.
- 2009 Maria Burgess, Richard Wright, and Guadalupe Lopez, “An Acoustic Description of Santiago Tamazola Lowlands Mixtec”, *SSILA Summer Conference*, Berkeley, CA, July 17, 2009.
- 2008 Richard Wright, Pamela Souza, Stephanie Bor, and Star Reed. “Consequences of regional accent differences for hearing studies” *Second Acoustical Society of America — European Acoustics Association*, Paris, France, June. 28 — July 4, 2008.
- 2008 Stephanie Bor, Pamela Souza, Richard Wright, Auditory filters and vowel errors. International Hearing Aid Conference, Tahoe City, CA, August 13-17, 2008
- 2006 Rebecca Bates, Mari Ostendorf, and Richard Wright, “Symbolic features for pronunciation modeling.” *Fourth joint meeting of the Acoustical Society of America and the Acoustical Society of Japan*, Honolulu, Nov. 28 — Dec. 3, 2006.
- 2006 Richard Wright, Stephanie Bor, and Pamela Souza, “Region, gender, and vowel quality: A word to the wise hearing scientist.” *Fourth joint meeting of the Acoustical Society of America and the Acoustical Society of Japan*, Honolulu, Nov. 28 — Dec. 3, 2006.

- 2006 Kelley Kilanski, Jonathan Malkin, Xiao Li, Richard Wright and Jeff Bilmes, "The Vocal Joystick Data Collection Effort and Vowel Corpus," *Interspeech 2006*, Pittsburgh, PA, Sep. 2006
- 2006 Xiao Li, Jonathan Malkin, Susumu Harada, Jeff Bilmes, Richard Wright and James Landay, "An Online Adaptive Filtering Algorithm for the Vocal Joystick," *Interspeech 2006*, Pittsburgh, PA, Sep. 2006
- 2006 Kelley Kilanski and Richard Wright, "A corpus based investigation of lexical and frequency effects on /s/ in American English," *The 10th Conference on Laboratory Phonology: Variation, Detail and Representation*, Paris, June 29 – July 1, 2006.
- 2006 Jeff Bilmes, Jonathan Malkin, Xiao Li, Susumu Harada, Kelley Kilanski, Katrin Kirchhoff, Richard Wright, Amarnag Subramanya, James Landay, Patricia Dowden, Howard Chizeck, "The Vocal Joystick," *IEEE Intl. Conf. on Audio, Speech and Signal Processing*, Toulouse, France, May, 2006
- 2006 Bor S, Souza P, Wright R. "Effect of Multiple Compression Channels on Vowel Identification." *International Hearing Aid Research Conference*. Tahoe City, CA, August 16-20.
- 2006 Stephanie Bor, Pamela Souza, and Richard Wright, "Multichannel Compression: Consequences Of Reduced Spectral Contrast For Vowel Identification," *American Auditory Society annual meeting*, Scottsdale, AZ, March 5-7, 2006.
- 2006 Kelley Kilanski and Richard Wright, "The effect of lexical factors on consonant variation", *Symposium on phonetic variation: What does it mean to speakers and listeners? at the 80th Annual Meeting of the Linguistic Society of America*, Albuquerque, NM, January, 2006
- 2005 Jeff A. Bilmes, Xiao Li, Jonathan Malkin, Kelley Kilanski, Richard Wright, Katrin Kirchhoff, Amarnag Subramanya, Susumu Harada, James A. Landay, Patricia Dowden and Howard Chizeck. The Vocal Joystick: "A Voice-Based Human-Computer Interface for Individuals with Motor Impairments," *Human Language Technology Conf. and Conf. on Empirical Methods in Natural Language Processing*, Vancouver, BC, October 2005.
- 2005 Jeff A. Bilmes, Xiao Li, Jonathan Malkin, Kelley Kilanski, Richard Wright, Katrin Kirchhoff, Amarnag Subramanya, Susumu Harada, James A. Landay, Patricia Dowden and Howard Chizeck, "The Vocal Joystick Demo at UIST05: A Voice-Based Human-Computer Interface," *the 18th Annual ACM Symp. on User Interface Software and Technology*, Seattle, Oct, 2005
- 2005 Friesen L.M., Tremblay K.L., Rohila, Neeru; Wright, Richard; Shannon, Robert V. and Baskent, Deniz. Speech Evoked Cortical Potentials as a Function of Cochlear Implant Channel Number. Paper presented at the *Conference on Implantable Auditory Prostheses*, Pacific Grove, CA, (August, 2005)
- 2005 Friesen L., Tremblay K.L., Rohila N., Wright R., Shannon R. and Baskent D. Speech Evoked Cortical Potentials as a Function of Cochlear Implant Channel Number. *Association for Research in Otolaryngology*. New Orleans, LA (2005)

- 2005 Wright, Richard; Hargus, S., and Miller, J. “Comparing the acoustics of voiced and voiceless fricatives in Deg Xinag.” *150th meeting of the Acoustical Society of America*, Minneapolis, MN, October 2005.
- 2005 Bor S, Wright R, Souza P. (2005). Effect of multiple compression channels on vowel spectra. *150th meeting of the Acoustical Society of America*, Minneapolis, MN, October 2005.
- 2005 Ingle, J. K., Wright, R. A., and Wassink, A. B. “Pacific Northwest vowels: A Seattle neighborhood dialect study.” *149th meeting of the Acoustical Society of America*, Vancouver, BC, May 2005.
- 2005 Wright, Richard; Hargus, S., and Miller, J. “An acoustic study of Deg Xinag fricatives.” *149th meeting of the Acoustical Society of America*, Vancouver, BC, May 2005.
- 2004 Wright, Richard; Carmichael, L., Wassink, A.B., & Galvin, L. “Child directed speech, speech in noise and hyperarticulated speech in the Pacific Northwest.” *147th Meeting of the Acoustical Society of America*, New York, NY, May 2004.
- 2003 Carmichael, L., Wright, R. Wassink, “Developing a corpus of spoken language variability.” *146th Meeting of the Acoustical Society of America*, Austin, TX, November, 2003.
- 2003 A. Wassink, R. Wright, L. Galvin and A. Franklin, “Intraspeaker variability in vowel production: an investigation of motherese, hyperspeech, and Lombard speech in Jamaican speakers.” *The 15th International Congress of Phonetic Sciences*, Barcelona, August 2003.
- 2003 Tremblay, K.L., Friesen, L., Martin, B.A., and Wright, R. Test-retest reliability of the acoustic change complex using naturally-produced speech sounds. *International Evoked Response Study Group*, Tenerife, June 2003.
- 2002 R. Wright and G. Webster, “Noise, attention and context: some problems for a cue-based approach to speech perception” Invited talk at the *Ninth Annual Linguistics Symposium*, Rice University, Houston, Texas, March 2002.
- 2001 I. Shafran, M. Osetndorf, and R. Wright, “Prosody and phonetic variability: Lessons learned from acoustic model clustering” *ISCA Workshop on Prosody in Speech Recognition and Understanding*, October 2001.
- 2001 R. Wright, J. Harnsberger, D. B. Pisoni, M. Svirsky, and A. Kaiser, “Comparing perception and production vowel spaces of cochlear implant users.” *141st Meeting of the Acoustical Society of America*, Chicago, IL, December 2001.
- 2001 J. Harnsberger, D. B. Pisoni, and R. Wright, “Eliciting speech styles in the laboratory: Acoustic and perceptual analyses.” *141st Meeting of the Acoustical Society of America*, Chicago, IL, May, 2001.
- 2001 A. Skinder-Meredith, C. Stoel-Gammon, R. Wright, & E. Strand. “The effect of articulatory accuracy on prosody in children with developmental apraxia of speech.” *American Speech-Language and Hearing Association*, New Orleans, LA, November 2001.

- 2000 J. Harnsberger, D. B. Pisoni, and R. Wright, "Eliciting speech styles in the laboratory: Assessment of a new experimental method." *140th Meeting of the Acoustical Society of America*, Newport Beach, CA, December 2000.
- 2000 A. Skinder, C. Stoel-Gammon, R. Wright, and C. Betz. The relationship between prosodic and articulatory error in developmental apraxia of speech. Technical session presented to the *American Speech-Language and Hearing Association*, Washington D.C., November 2000.
- 2000 J. Harnsberger, D. B. Pisoni, M. Svirsky, A. Kaiser, and R. Wright, "The vowel spaces of normal-hearing listeners and patients with cochlear implants." *139th Meeting of the Acoustical Society of America*, Atlanta, GA, June 2000.
- 1999 R. Hagiwara, S. Hargus, R. Wright, and I. Sterling, "An interactive atlas of English vowels: Design considerations." *138th Meeting of the Acoustical Society of America*, Columbus, OH, November, 1999.
- 1999 R. Wright, "Perceptual cues in contrast maintenance." *The Role of Perception in Phonology, Satellite Meeting of the International Congress of Phonetic Sciences*, San Francisco, CA, August 1999.
- 1998 S. Frisch and R. Wright, "Implications of featural and sub-featural errors in speech production." *72nd annual meeting of the Linguistic Society of America*. New York, NY, January, 1998.
- 1998 R. Wright "Lexically motivated hypo- and hyper-articulation in vowels." *72nd annual meeting of the Linguistic Society of America*. New York, NY, January 1998.
- 1997 S. Frisch and R. Wright "Phonetic variability in /s/ and /z/ errors: A multitalker acoustic study." *134th Meeting of the Acoustical Society of America*, San Diego, CA, December, 1997.
- 1997 R. Wright "Communicative factors in Speech variation: Hyperarticulatory compensation for lexical competition." *134th Meeting of the Acoustical Society of America*, San Diego, CA, December, 1997.
- 1997 R. Wright and S. Frisch "Acoustic evidence for featural and sub-featural errors in speech production." *133rd Meeting of the Acoustical Society of America*, State College, PA, June 1997.
- 1997 R. Wright "Tsou consonant clusters and auditory cue preservation." *8th international conference on Austronesian linguistics*. Taipei, Taiwan. December 1997.
- 1996 R. Wright "Sonority violations and temporal stability in Tsou." *70th annual meeting of the Linguistic Society of America*. San Diego, CA, January 1996.
- 1995 Bell, T. S. and R. Wright "Differential masking of individual words within a sentence." *129th Meeting of the Acoustical Society of America*, Washington, D.C., May, 1995.
- 1995 R. Wright, and I. Maddieson "Variability in a three vowel system: Amis." *Austronesian Formal Linguistics Association*. Los Angeles, CA, March 1995.
- 1994 R. Wright. "Coda lenition in American English consonants: an EPG study." *127th Meeting of the Acoustical Society of America*. MIT, Cambridge, MA, June 1994.

- 1994 P. Keating and R. Wright. “Effects of position-in-syllable on consonant articulations and acoustics.” *127th Meeting of the Acoustical Society of America*. MIT, Cambridge, MA, June 1994.
- 1993 R. Wright. “Trading relations: Discrete versus continuous perception”. *125th Meeting of the Acoustical Society of America*, Ottawa, Canada, May 1993.
- 1992 T. S. Bell, R. Wilson, R. Wright, and T. Stabinsky “A new recognition test using sentence materials; I. Psychometric functions.” *American Academy of Audiology*. Phoenix, Arizona. April 1992.
- 1992 R. Wright, and A. Shryock “Consonantal effects on F0 in SiSwati.” *123rd Meeting of the Acoustical Society of America*. Salt Lake City, UT, May 1992.
- 1992 K. Johnson, R. Wright and E. Flemming “Perceptual vowel space in American English.” *123rd Meeting of the Acoustical Society of America*. Salt Lake City, UT, May 1992.
- 1992 R. Wright and A. Shryock “The effects of implosives on fundamental frequency in SiSwati.” *23rd Annual Conference on African Linguistics*. East Lansing, MI, March 1992.

Reviewer

Journals: *Acta Acustica united with Acustica, American Journal of Speech-Language Pathology, Cognition, Computer Speech and Language, Corpus Linguistics and Linguistic Theory, Ear and Hearing, Journal of the Acoustical Society of America, Journal of the International Phonetic Association, Journal of Phonetics, Journal of Speech Language and Hearing Research, Labphon, Language, Language and Linguistics, Language and Speech, Natural Language and Linguistic Theory, Perception and Psychophysics, Phonetica, Phonology, PLOS, Psychological Science, Speech Communication*

Conferences: Austronesian Formal Linguistics Association, International Conference on Austronesian Linguistics, International Congress of Phonetic Sciences, Laboratory Phonology, Linguistic Society of America, North East Linguistics Society, West Coast Conference on Formal Linguistics, Western Conference on Linguistics

Grant Agencies – ad hoc reviewer for: Institute of Translational Health Sciences, NIH, UW Royalty Research Fund, National Science Foundation, Social Sciences and Humanities Research Council of Canada,

Associate editor: *Language and Speech*

Editorial Board: *Phonology (2000-2015)*

Guest editor:

Journal of the Acoustical Society of America: Special issue on the Phonetics of Under-documented Languages. (April 2020)

Journal of the Acoustical Society of America: Special issue on Ideas Worth Reconsidering. (in progress)

Service at the University of Washington

Departmental

- *Department Chair July 2015-present*
- *Phonetics lab director September 1998-present*
- *Course Scheduling Committee 2015-present*
- *Department of Linguistics ad hoc committee on resources, 2011-18*
- *Department of Linguistics diversity committee 2011-2012 (chair), 2013-2014, 2014-2015, 2019-2020*
- *Department of Linguistics promotion committee for Fei Xia, 2014-15*
- *Hiring committee for lecturer position in general linguistics 2013-14*
- *Department of Linguistics ad hoc committee on curriculum, 2011-12, 2012-13*
- *Department of Linguistics promotion committee for Emily Bender, 2012-13*
- *Hiring committee for permanent position in computational linguistics 2010-11*
- *Department of Linguistics tenure committee for Emily Bender, 2008-09*
- *Conference organizer (with Fritz Newmeyer), Department of Linguistics: WCCFL 2006*
- *Hiring committee for three positions in computational linguistics 2004*
- *Department of Linguistics computational linguistics committee (to develop collaboration across disciplines in computational linguistics within the university) 2001-2002*
- *Conference organizer, Department of Linguistics: WECOL 2001*
- *Department of Linguistics admissions committee 1998, 2000, 2001, 2003, 2005, 2008, 2011, 2014, 2020*

University of Washington

- *Seminars in Hearing and Communication Sciences (SHACS) Faculty Committee 2021-22*
- *Humanities Presidential Dissertation Fellowship Committee, 2020*
- *Chair, Speech and Hearing Sciences Departmental Chair search, 2019.*
- *Internal member, University of Washington Graduate School review committee for the Near and Middle Eastern PhD program, 2019.*
- *UW Humanities Taskforce 2017-2018*
- *University of Washington Faculty Senate, Arts & Sciences 2011-2015, 2019-present*
- *Graduate School Faculty Council on Research (FCR) 2005-2011*
- *UW RRF Committee Fall 2009-Spring 2011*
- *University of Washington open access working group (FCR rep.) 2009-2010*
- *FCR subcommittee on interdisciplinary research 2007*
- *FCR subcommittee on faculty effort reporting 2006-2011*

- *Internal member, University of Washington Graduate School review committee for the Division of French and Italian Studies 2006*
- *Graduate School Standing Committee on Academic Grievance 2003*

Service outside the University of Washington

- *Organizer and Chair, Special session: Speech and Machines, 181st Meeting of the Acoustical Society of America, November 2021*
- *External departmental review committee member, University of Oregon Department of Linguistics 2020-2021*
- *Organizer and Chair, Special session: Ideas Worth Reconsidering in Speech Perception and Production, 180th Meeting of the Acoustical Society of America, 8 June 2021*
- *Independent reviewer for the Royal Society Dorothy Hodgkin Fellowships 2021*
- *External evaluator for professorial promotion, University of Pittsburgh Department of Linguistics, December 3, 2019.*
- *External evaluator for tenure promotion, University of West Virginia Department of World Languages, Literatures, and Linguistics. December 2, 2019.*
- *External evaluator for professorial promotion, University of Texas at Austin Department of Linguistics, August 21, 2019.*
- *External evaluator for tenure promotion, University of Pennsylvania Department of Linguistics, September 26, 2019.*
- *Organizer and Chair, Special session on the Phonetics of Under-Documented Languages, 176th Meeting of the Acoustical Society of America, 8 November 2018.*
- *External evaluator for professorial promotion, Simon Fraser University Department of Linguistics, September 25, 2016.*
- *External evaluator for professorial promotion, University of Oregon Department of Linguistics, September 24, 2016.*
- *Organizer and Chair, session on the Phonetics of Under-Documented Languages, 171st Meeting of the Acoustical Society of America, 28 May 2016.*
- *Co-organizer of Language Shift in the Sinophone World, Workshop held at the University of Washington on November 6, 2015.*
- *External evaluator for tenure promotion, University of Wisconsin-Milwaukee Department of Linguistics, August 10, 2015.*
- *External evaluator for tenure promotion, University of California Santa Cruz Department of Linguistics, November 14, 2014.*
- *Technical Committee organizer of the Speech Communication sessions of the 161st Meeting of the Acoustical Society of America (225 total presentations), 23-27 May, 2011.*

- *Cyberling panel on “Annotation standards: Existing and needed”, Cyberling 2009: Towards a Cyberinfrastructure for Linguistics, Berkeley, CA, July 2009. Panel written report: <http://cyberling.elanguage.net/page/Working+Groups>*
- *Technical Committee organizer of the Speech Communication sessions of the 149th Meeting of the Acoustical Society of America (210 total presentations), 16-20 May, 2005.*

Chair of the Ph.D. committee:

1. Lesley Carmichael, PhD 2005
2. Ella Deaton
3. Valerie Freeman, PhD 2015
4. Kelley Kilanski, PhD 2009
5. Soohee Kim, PhD 1999 (Co-chair with Sharon Hargus, Linguistics)
6. Theodore Kye
7. Esther LeGrézause PhD 2017
8. Daniel McCloy PhD 2013
9. Steven Moran PhD 2012 (Co-Chair with Emily Menon Bender, Linguistics)
10. Sara Ng (Co-Chair with Mari Ostendorf, Electrical Engineering)
11. Marina Oganyan PhD 2017 (Co-Chair with Herschensohn, Linguistics)
12. Laura Panfili PhD 2018
13. John Riebold, PhD 2015 (Co-Chair with Alicia Wassink, Linguistics)
14. Setsuko Shirai, PhD 2005
15. Rachel Tatman PhD 2017
16. Gabriel Webster, PhD 2002

Member of the Ph.D. supervisory and reading committee:

1. Camilla Anderson, Speech and Hearing Sciences PhD 2003 (Margaret Rogers)
2. Rebecca Bates, Electrical Engineering PhD 2004 (Mari Ostendorf)
3. Stephanie Bor, Speech and Hearing Sciences PhD 2009 (Pamela Souza)
4. Alexis Bossler, Speech and Hearing Sciences PhD 2010 (Patricia Kuhl)
5. Maria Burgess, Linguistics PhD 2015 (Chair Betsy Evans)
6. Ruofan Cai, Speech and Hearing Sciences (Pat Kuhl)
7. Camilla Calkins, Speech and Hearing Sciences PhD 2003 (Margaret Rogers)
8. Nicole Chartier, Linguistics PhD 2020 (Co-Chairs Betsy Evans & Alicia Wassink)
9. Emily Curtis, Linguistics PhD 2004 (Sharon Hargus)
10. Manuel Da Conceicao, Linguistics PhD 2007 (Jurgen Klausenberger)
11. Evelyn Davies-Venn, Speech and Hearing Sciences PhD 2010 (Chris Steker)
12. Mishaela DiNino, Speech and Hearing Sciences PhD 2018 (Julie Bierer)
13. Lendra M. Friesen, Speech and Hearing Sciences PhD 2007 (Kelly Tremblay)
14. Ajda Gokcen, Linguistics (Chair Gina-Anne Levow)
15. Benjamin Jones, Linguistics (Chair Betsy Evans)
16. Elise LeBovidge, Speech and Hearing Sciences (Chair Ludo Max)
17. Susannah Levi, Linguistics PhD 2004 (Ellen Kaisse)
18. Kening Li, Linguistics PhD 2009 (Ellen Kaisse)
19. Jo-Fu Lotus Lin, Speech and Hearing Sciences PhD 2009 (Patricia Kuhl)
20. Jonathan Malkin, Electrical Engineering PhD 2010 (Jeff Bilmes)
21. Courtney Mansfield, Linguistics PhD 2021 (Gina-Anne Levow)

22. Kate McClannahan, Speech and Hearing Sciences PhD 2017 (Kelly Tremblay)
23. Julia Colleen Miller, Linguistics PhD 2013 (Sharon Hargus)
24. Anna Moroz, Linguistics (Betsy Evans)
25. Kathleen Nagle, Speech and Hearing Sciences PhD 2013 (Tanya Eadie)
26. Elle O'Brien, Speech and Hearing Sciences PhD 2019 (Adrian KC Lee)
27. Meghan Oxley, Linguistics PhD 2015 (Alicia Beckford Wassink)
28. Beate Peters, Speech and Hearing Sciences PhD 2007 (Carol Stoel-Gammon)
29. Emily Proch Ahn, Linguistics
30. Sarala Puthuval, Linguistics PhD 2017 (Sharon Hargus)
31. Kevin Reilly, Speech and Hearing Sciences PhD 2003 (Christopher Moore)
32. Leanne Rolston, Linguistics PhD 2020 (Gina-Anne Levow)
33. Lorna Rozelle, Linguistics PhD 2003 (Sharon Hargus)
34. Michael Scanlon, Linguistics PhD 2020 (Alicia Beckford Wassink)
35. Izhak Shafran, Electrical Engineering PhD 2001 (Mari Ostendorf)
36. Jo Ann Silkes, Speech and Hearing Sciences PhD 2009 (Kristie Spencer)
37. Amy Skinder, Speech and Hearing Sciences PhD 2001 (Carol Stoel-Gammon)
38. Glenn Slayden, Linguistics (Emily Bender)
39. Robert Squizzero, Linguistics (Chair Alicia Beckford Wassink)
40. Trang Tran, Electrical Engineering PhD 2021 (Mari Ostendorf)
41. Lakshmi Venkatesh, Speech and Hearing Sciences PhD 2008 (Chris Moore)
42. Yungdo Yun, Linguistics PhD 2004 (Ellen Kaisse)
43. Krisztina Zajdo, Speech and Hearing Sciences PhD 2002 (Carol Stoel-Gammon)

GSR member of the Ph.D. committee

1. David A. Aarons, Music (Shannon K. Dudley)
2. Nell Byler, Astronomy PhD 2018 (Julianne Delcanton)
3. Richard F. Buxton, Classics PhD 2010 (Deborah Kamen)
4. Eleanor B. Byler, Astronomy PhD 2017 (Julianne Dalcanton)
5. Charles Pascal Clark, Electrical Engineering (Les Atlas)
6. Lin Deng, Asian Languages and Literature PhD 2011 (Anne Yue-Hashimoto)
7. Lindsay DeVries, Speech and Hearing Sciences PhD 2018 (Julie Bierer)
8. Kelly Jahn, Speech and Hearing Sciences (Julie Bierer)
9. Michael Solomon Horowitz, Music (Philip Schuyler)
10. Sun Mi Kim, Asian Languages and Literature PhD 2015 (Zev Handel)
11. Hakon Leifsson, Music PhD 2004 (Abraham Kaplan)
12. Olivia Telford, Astronomy PhD 2019 (Chair Julianne Dalcanton)
13. Dainius Vaicekonis, Music (Robin McCabe)
14. Peter Yoachim, Astrophysics PhD 2007 (Julianne Delcanton)
15. Christina Tian Zhao, Speech and Hearing Sciences PhD 2015 (Patricia Kuhl)

External member of the Ph.D. committee

1. Léa Burin, Paris Diderot, Université Sorbonne Paris Cité, Dept. of English (Nicolas Ballier)
2. Adrien Méli, Paris Diderot, Université Sorbonne Paris Cité, Dept. of English PhD 2018 (Nicolas Ballier)

3. Michelle Sims, University of Alberta Dept. of Linguistics PhD 2016, (Chair Benjamin Tucker)
4. Teresa Vanderweide, University of Calgary Dept. of Linguistics PhD 2005 (John Archibald)

Chair Au.D committee Speech and Hearing Sciences

1. Cornelia John (2018)
2. Tiffany Mitchell (2020)
3. Courtney Nguyen (2020)
4. Michael Smith (2019)

Member Au.D committee Speech and Hearing Sciences

1. Joanne Huang (Julie Arenberg)
2. Eugene Spindler (Julie Arenberg)

Chair of the M.A. committee:

1. Misty Azara, Linguistics, MA 2002
2. Haewon Cho Linguistics, MA 2005
3. Valerie Freeman, Linguistics, MA 2010
4. Jessica Giesler, Linguistics, MA 2003
5. Jineoun Kwan, Linguistics, MA 2005
6. David Montero, Linguistics, MA 2007
7. Melissa Preston, Linguistics, MA 2002
8. Miriam Stone-Garcia, Linguistics, MA 2005

MA member of the reading committee:

1. Jamie Andrus, Linguistics, MA 2011 (Alicia Beckford Wassink)
2. Maria Burgess, Linguistics MA 2010 (Betsy Evans)
3. Zachary Bohnenkamp, Linguistics, MA 2001 (Alicia Beckford Wassink)
4. Lesley Carmichael, Linguistics MA 2000 (Julia Herschensohn)
5. Ryan J. Conley, Speech and Hearing Sciences MS 2002 (Chair: Patricia Kuhl)
6. Emily K. J. Curtis, Linguistics MA 2000 (Sharon Hargus)
7. Lisa Galvin, Linguistics MA 2004 (Alicia Beckford Wassink)
8. Noah Girgis, Linguistics MA 2009 (Alicia Beckford Wassink)
9. Derek Gulas, Linguistics MA 2008 (Charles Barrack)
10. Joshua Ho, Linguistics CLMS 2010 (Emily Bender)
11. Wendy Kempsell Jacinto, Linguistics MA 2010 (Alicia Beckford Wassink)
12. Jeremy Kahn, Linguistics MA (Mari Ostendorf)
13. Susannah Levi, Linguistics MA 2000 (Ellen Kaisse)
14. Kening Li, Linguistics MA 2002 (Ellen Kaisse)
15. Jo Fu Lin, Speech and Hearing Sciences MS 2006 (Patricia Kuhl)
16. Jeremy Munson, Linguistics MA 2002 (Alicia Beckford Wassink)
17. Meghan Oxley, Linguistics MA 2009 (Alicia Beckford Wassink)
18. Jessica Pruitt, Speech and Hearing Sciences MS 2003 (Patricia Kuhl)
19. Star Sinclair Reed, Speech and Hearing Sciences MS 2009 (Pamela Souza)
20. Neeru Rohila Speech and Hearing Sciences MS 2005 (Kelly Tremblay)
21. Michael Scanlon, Linguistics MA 2007 (Alicia Beckford Wassink)

22. Setsuko Shirai, Linguistics MA 1999 (Ellen Kaisse)
23. Sylwia Tur, Linguistics MA 2003 (Sharon Hargus)
24. Chih-Chi Wen, Linguistics MA 2003 (Alicia Beckford Wassink)
25. Kerry Witherell, Speech and Hearing Sciences MS 2007 (Pamela Souza)
26. Scott Yribar, Linguistics MA 2005 (Chari, Alicia Beckford Wassink)
27. Li Yi Zhu, Linguistics MA 2012 (Chair Betsy Evans)

Courses Taught at UW

- LING 200 (Introduction to Linguistics: undergraduates)
- LING 450/550 (Introduction to Linguistic Phonetics: graduates and undergraduates)
- LING 451 (Introduction to Phonology: graduates and undergraduates)
- LING 453/553 (Experimental Phonetics and Phonology: graduates and undergraduates)
- LING 480A (Experimental Phonetics)
- LING 499 (undergraduate directed research)
- LING 554/580 Graduate Seminar (structured course)
 - 1998 “Perception and Timing”
 - 1999 “Spoken Word Recognition”
 - 2002 “Phonetics of Intonation”
 - 2003 “Coarticulation”
 - 2004 “Perception and Sound Change”
 - 2005 “Category Internal Structure in Perception”
 - 2006 “Episodic models and perceptual speech category learning”
 - 2007 “Consonants and prosodic edge effects”
 - 2008 “Vowel perception and salience”
 - 2009 “Perceptual cues, syllable structure, and JNDs” with Ellen Kaisse and Alicia Beckford Wassink
 - 2012 “The phonetics and phonology of intonation” with Ellen Kaisse.
 - 2013 “Perception and markedness”
 - 2014 “Auditory perception and word recognition”
 - 2016 “Perception and salience”
 - 2018 “Voice quality”
 - 2019 “Acoustic and physiological measures of voicing”
 - 2021 “Context and speech variation”
- LING 600 (Graduate Independent Study)
- LING 700 (MA Thesis Supervision)
- LING 800 (Doctoral Dissertation Supervision)
- Psy 660/Ling 554 Year-long joint graduate seminar on the neural instantiation of language taught with Prof. Lee Osterhaut and Prof. David Corina of psychology in 2001

Honors, Awards, Affiliations

- 2021 Fellow, Acoustical Society of America
- 2021-present UW Center for Human Neuroscience Affiliate
- 2019-present Northwestern University’s Institute for Public Health and Medicine Affiliate

2018-present Virginia Merrill Bloedel Hearing Research Center Affiliate
1996 UCLA Dissertation fellowship
Visiting Scholar, Academia Sinica Dept. of History and Philology, Taipei, Taiwan
1990-94 Jacob Javits Fellowship in the Humanities
1986 Phi Kappa Phi
1986 Phi Sigma Iota
1985 Fulbright Hayes fellowship: intensive Swahili study in Kenya
1984 Department of Education Title IV language fellowship: Swahili
1981-86 National Merit Scholar