

## RAJKA SMILJANIC

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### EDUCATION

Ph.D., Linguistics, University of Illinois at Urbana-Champaign, IL	2002
M.A., Linguistics, University of Illinois at Urbana-Champaign, IL	1998
M.A., English with minor in Linguistics, Texas A&M University, TX	1996
B.A., English and Russian Languages and Literature, U of Zagreb, Croatia	1991

### PROFESSIONAL APPOINTMENTS

Professor, Linguistics, University of Texas, Austin, TX	2020-present
Associate Professor, Linguistics, University of Texas, Austin, TX	2014-2020
Assistant Professor, Linguistics, University of Texas, Austin, TX	2008-2014
Research Associate and Lecturer, Northwestern University, Evanston, IL	2006-2008
Postdoctoral Fellow, Northwestern University, Evanston, IL	2004-2006
Mellon Postdoctoral Fellow, Northwestern University, Evanston, IL	2002-2004

### PUBLICATIONS

#### Book

**Smiljanić, Rajka** (2004). *Lexical, Pragmatic, and Positional Effects on Prosody in Two Dialects of Croatian and Serbian: An Acoustic Study*. Outstanding Dissertations in Linguistics. New York: Routledge.

#### Peer-Reviewed Journal Articles

Llanos, F., Meemann, K., Smiljanic, R., & Chandrasekaran, B. (2023). The relationship between sentence intelligibility, band importance, and signal covariance. *Journal of the Acoustical Society of America Express Letters*, 3 (5), 055204.

[doi.org/10.1121/10.0019498](https://doi.org/10.1121/10.0019498)

Guo, Z.-C., & Smiljanic, R. (2023). Speakers coarticulate less in response to both real and imagined communicative challenges: An acoustic analysis of the LUCID corpus. *Journal of Phonetics*, 97, 101210. doi: 10.1016/j.wocn.2022.101210

Meemann, K., & Smiljanic, R. (2022). Intelligibility of Noise-Adapted and Clear Speech in Energetic and Informational Maskers for Native and Non-native Listeners. *Journal of Speech, Language, and Hearing Research*. doi.org/10.1044/2021\_JSLHR-21-00175

- Smiljanic, R., Keerstock, S., Meemann, K., & Ransom, S. (2021). Face masks and speaking style affect audio-visual word recognition and memory of native and non-native speech. *Journal of the Acoustical Society of America*, 149, 4013-4023.
- Keerstock, S., and Smiljanic, R. (2021). Reading aloud in clear speech reduces sentence recognition memory and recall for native and non-native talkers. *Journal of the Acoustical Society of America*, 150, 3387-3398.
- Guo, Z. & Smiljanic, R., (2021). Speaking clearly improves speech segmentation by statistical learning under optimal listening conditions. *Laboratory Phonology* 12(1), p.14.
- Alcorn, S., Meemann, K., Clopper, C., & Smiljanic, R. (2020). Acoustic cues and linguistic experience as factors in regional dialect classification. *Journal of the Acoustical Society of America*, 147. 657-670. Special Issue “The Southern United States: Social Factors and Language Variation.”
- Keerstock, S., & Smiljanic, R. (2019). Clear speech improves listeners’ recall. *The Journal of the Acoustical Society of America*, 146(6), 4604-4610. <https://doi.org/10.1121/1.5141372>
- Yi, H., Smiljanic, R., and Chandrasekaran, B. (2019). The Effect of Talker and Listener Depressive Symptoms on Speech Intelligibility. *Journal of Speech, Language, and Hearing Research* 62. 4269–4281.
- Van Der Feest, S., Blanco, C., & Smiljanic, R. (2019). Influence of Speaking Style Adaptations and Semantic Context on Time Course of Word Recognition in Quiet and in Noise. *Journal of Phonetics*, 73, 158–177.
- Keerstock, S., & Smiljanic, R. (2018). Effects of intelligibility on within- and cross-modal sentence recognition memory for native and non-native listeners. *Journal of the Acoustical Society of America*, 144(5), 2871–2881.
- Kelly, N., & Smiljanić, R. (2018). Perception of the Lexical Accent Contrast in One Variety of East Norwegian. *Language and Speech*, 61: 3. 339-357. Article first published online: June 27, 2017. <https://doi.org/10.1177/0023830917714014>
- Smiljanic, R., and Gilbert, R. (2017). Acoustics of Clear and Noise-adapted Speech in Children, Young, and Older Adults. *Journal of Speech, Language, and Hearing Research*. doi:10.1044/2017\_JSLHR-S-16-0130
- Smiljanic, R., and Gilbert, R. (2017). Intelligibility of noise-adapted and clear speech in child, young adult, and older adult talkers. *Journal of Speech, Language, and Hearing Research*. doi:10.1044/2017\_JSLHR-S-16-0165
- Kelly, N., & Smiljanić, R. (2017). The Effect of Focus and Phrase Position on East Norwegian Lexical Tonal Accents. *Phonetica*, 74. 193-230.
- Cynthia P. Blanco, Colin Bannard, Rajka Smiljanic (2016). Differences in the association between segment and language: Early bilinguals pattern with monolinguals and are less accurate than late bilinguals. *Frontiers in Psychology* 7:993. doi: 10.3389/fpsyg.2016.00993
- Clopper, Cynthia and Rajka Smiljanic (2015). Regional variation in temporal organization in American English. *Journal of Phonetics*, 49. 1-15.

- Yi, Han-Gyol, Rajka Smiljanic and Bharath Chandrasekaran (2014). The neural processing of foreign-accented speech is modulated by implicit listener bias: An fMRI study. Invited contribution to *Frontiers in Psychology (Human Neuroscience)*, Research Topic “The cognitive and neural organisation of speech processing.” Edited by Dr(s) Patti Adank, Carolyn McGettigan, Sonja A E Kotz. doi: 10.3389/fnhum.2014.00768
- Van Engen, Kristin, Jasmine Phelps, Rajka Smiljanic and Bharath Chandrasekaran (2014). Sentence intelligibility in N-talker babble: effects of context, modality, and speaking style. *Journal of Speech, Language, and Hearing Research*. doi:10.1044/JSLHR-H-13-0076
- \*winner of the JSLHR Editor’s Award**
- Gilbert, Rachael, Bharath Chandrasekaran and Rajka Smiljanic (2014). Recognition memory in noise for speech of varying intelligibility. *Journal of the Acoustical Society of America*, 135 (1). 389-399.
- Yi, Han-Gyol, Jasmine Phelps, Rajka Smiljanic and Bharath Chandrasekaran (2013). Reduced efficiency of audiovisual integration for nonnative speech. *Journal of the Acoustical Society of America* 134(5). EL387-393.
- Smiljanic, Rajka and Douglas Sladen (2013). Acoustic and semantic enhancements for children with cochlear implants. *Journal of Speech, Language, and Hearing Research*, 56. 1085-1096.
- Rimikis, Stacey, Rajka Smiljanic, and Lauren Calandruccio (2013). Nonnative English Speaker Performance on the Basic English Lexicon (BEL) Sentences. *Journal of Speech, Language, and Hearing Research*, 56, 792-804.
- Sjerps, Matthias, and Rajka Smiljanic (2013). Compensation for vocal tract characteristics across native and non-native languages. *Journal of Phonetics*, 41. 145-155.
- Smiljanic, Rajka (2013). Can older adults enhance the intelligibility of their speech? *Journal of the Acoustical Society of America*. 133(2). EL129-135.
- Van Engen Kristin, Bharath Chandrasekaran and Rajka Smiljanic (2012). Effects of Speech Clarity on Recognition Memory for Spoken Sentences. *PLoS ONE* 7(9): e43753. doi:10.1371/journal.pone.0043753
- Calandruccio, Lauren and Rajka Smiljanic (2012). New Sentence Recognition Materials Developed Using a Basic Non-Native English Lexicon. *Journal of Speech, Language, and Hearing Research*, 55: 1342-1355.
- Related press: Calandruccio, L. (2010). Sentence Recognition for Non-Native Speakers Researchers Reduce Linguistic Bias in Audiology Assessment. The ASHA Leader.
- Smiljanic, Rajka and Ann Bradlow (2011). Bidirectional clear speech perception benefit for native and high-proficiency non-native talker- listeners: Intelligibility and accentedness. *Journal of the Acoustical Society of America* 130 (6). 4020-4031.
- Clopper, Cynthia and Rajka Smiljanic (2011). Effects of gender and regional dialect on prosodic patterns in American English. *Journal of Phonetics* 39. 237-245.

- Bradlow, Ann, Cynthia Clopper, Rajka Smiljanic and Mary-Ann Walter (2010). A perceptual phonetic similarity space for languages: Evidence from five native language listener groups. *Speech Communication* 52, 930-942.
- Smiljanic, Rajka and Ann Bradlow (2009). Speaking and Hearing Clearly: Talker and Listener Factors in Speaking Style Changes. *Language and Linguistics Compass*, 3.1. 236-264. Oxford: Blackwell. (Invited contribution).
- Smiljanic, Rajka and Ann Bradlow (2010). Teaching and learning guide for: Speaking and hearing clearly: Talker and listener factors in speaking style changes. *Language and Linguistics Compass*, 4.3. 182-186. Oxford: Blackwell.
- Smiljanic, Rajka and Ann Bradlow (2008). Temporal organization of English clear and conversational speech. *Journal of the Acoustical Society of America*, 124.5. 3171-3182.
- Smiljanic, Rajka and Ann Bradlow (2008). Stability of temporal contrasts across speaking styles in English and Croatian. *Journal of Phonetics*, 36.1. 91-113.
- Smiljanic, Rajka and Ann Bradlow (2005). Production and perception of clear speech in Croatian and English. *Journal of the Acoustical Society of America*, 118 (3), 1677-1688.

### **Peer-Reviewed Book Chapters and Conference Proceedings**

- Guo, Z.-C., & Smiljanic, R. (2023). Clear speech facilitates word segmentation: Evidence from eye-tracking. *Proceedings of the 20th International Congress of Phonetic Sciences*. Prague, Czech Republic. To be held 8-23.
- Meemann, K., & Smiljanic, R. (2023). Clear speech improves word recognition but may increase listening effort. *Proceedings of the 20th International Congress of Phonetic Sciences*. Prague, Czech Republic. To be held 8-23.
- Smiljanic, R. (2021). Clear speech perception. In L. C. Nygaard, J. Pardo, D. B. Pisoni, & R. Remez (Eds.), *Handbook of Speech Perception*. 177-205. Wiley Publishing.
- Guo, Z.-C., & Smiljanić, R. (2021). Speakers coarticulate less when facing real and imagined communicative difficulties: An analysis of read and spontaneous speech from the LUCID corpus. *Proceedings of Interspeech 2021*, 4009–4013. doi.org/10.21437/Interspeech.2021-1640.
- Kelly, N. E. and R. Smiljanic (2015). Narrow focus realization in the monosyllabic lexical pitch contrast in East Norwegian. *Proceedings of the 18th International Congress of Phonetic Sciences*. Glasgow, UK: the University of Glasgow. ISBN 978-0-85261-941-4. Paper number 0358.1-5 retrieved from <http://www.icphs2015.info/pdfs/Papers/ICPHS0358.pdf>
- Kelly, Niamh E. and R. Smiljanic (2014). The Effect of Focus on Norwegian Tonal Accent. *Proceedings of the 4th International Symposium on Tonal Aspects of Languages*. Nijmegen, May 13-16 2014.
- Kelly, Niamh E. and R. Smiljanic (2014). Monosyllabic Lexical Pitch Contrasts in Norwegian. *Proceedings of Speech Prosody*, Dublin, May 21-25 2014.
- Smiljanic, Rajka and Bharath Chandrasekaran (2013). Processing speech of varying intelligibility. *Proceedings of Meetings on Acoustics* 19, 060102, 1-4.

- Smiljanic, Rajka, Stan Sheft, Bharath Chandrasekaran and Valeriy Shafiro (2013). Effect of speech clarity on perception of interrupted meaningful and anomalous sentences. *Proceedings of Meetings on Acoustics 19*, 060109, 1-5.
- Rao, Gayatri, Rajka Smiljanic and Randy Diehl (2013). Individual variability in phonetic convergence of vowels and rhythm. *Proceedings of Meetings on Acoustics 19*, 060084, 1-3.
- Boyce, Suzanne, Jean Krause, Sarah Hamilton, Rajka Smiljanic, Ann R. Bradlow, Ahmed Rivera-Campos, and Joel MacAuslan (2013). Using Landmark Detection to measure effective Clear Speech. *Proceedings of Meetings on Acoustics 19*, 060129, 1-5.
- Smiljanic, Rajka (2012). Second-Language Speech Learning. In Cohn, A. C., Fougeron, C., Huffman, M. eds., *The Oxford Handbook of Laboratory Phonology*, 417-425. Oxford University Press. (Invited contribution).
- Rao, Gayatri and Rajka Smiljanic (2011). Effects of Language, Speaking Style and Age on Prosodic Rhythm. *Proceedings of the XVIIth International Congress of Phonetic Sciences*, 1662-1665. Hong Kong, China.  
[http://www.icphs2011.hk/ICPHS\\_CongressProceedings.htm](http://www.icphs2011.hk/ICPHS_CongressProceedings.htm).
- Smiljanic, Rajka and Ann Bradlow (2007). Clear speech intelligibility: Listener and talker effects. *Proceedings of the XVIth International Congress of Phonetic Sciences*, 661-664. Saarbrücken, Germany. <http://www.icphs2007.de/>
- Bradlow, Ann, Cynthia Clopper and Rajka Smiljanic (2007). A Perceptual Similarity Space For Languages. *Proceedings of the XVIth International Congress of Phonetic Sciences*, 1373-1376. Saarbrücken, Germany. <http://www.icphs2007.de/>
- Smiljanic, Rajka (2007). Lexical and pragmatic effects on pitch range and low tone alignment in two dialects of Serbian and Croatian. *Proceedings of the 39th Regional Meeting of the Chicago Linguistic Society*, 39-1. 520-539.
- Smiljanic, Rajka (2006). Early vs. late focus: pitch-peak alignment in two dialects of Serbian and Croatian. In L. Goldstein, D.H. Whalen, C.T. Best eds., *Laboratory Phonology 8*, 495-518. Berlin: Mouton de Gruyter.
- Smiljanic, Rajka (2003). Prosodic Variation and the Expression of Pragmatic Narrow Focus in Two Dialects of Croatian and Serbian. *Proceedings of the Prosodic Interfaces 2003 Conference*. 185-190. Nantes, France.
- Hualde, Jose Ignacio, Gorka Elordieta, Inaki Gaminde and Rajka Smiljanic (2002). From pitch-accent to stress-accent in Basque. In Carlos Gussenhoven & Natasha Warner eds., *Laboratory Phonology 7*, 547-584. Berlin: Mouton de Gruyter.
- Hualde, Jose Ignacio, Rajka Smiljanic and Jennifer Cole (2000). On the accented/unaccented distinction in Western Basque and the typology of accentual systems. *Proceedings of the Twenty-Sixth Annual Meeting of the Berkeley Linguistics Society: General Session and Parasession on Aspect 26*: 133-144.
- Smiljanic, Rajka and Jose Ignacio Hualde (2000). Lexical and pragmatic functions of tonal alignment in two Serbo-Croatian dialects. In Arika Okrent & John Boyle eds., *Chicago Linguistic Society 36.1*, 469-482. Chicago: Chicago Linguistic Society.

## RESEARCH GRANTS

- 2023 OVPR-COLA Partnership award. PI. Processing of Foreign-accented Speech and Noise: Evidence from Eye Tracking. Award amount: \$3,000.
- Kondaurova, M. (PI) & Smiljanic, R. (Co-PI). Vocal/listening effort during telepractice. NIH Using Innovative Digital Healthcare Solutions to Improve Quality at the Point of Care (R21/R33 - Clinical Trial Optional) (not awarded)
- 2020-2021 VPR Research & Creative Grant for “Effect of protective face masks on audio-visual word recognition and memory for native and non-native speakers.” Award amount: \$10,000.
- Departmental support for undergraduate research, 2018 (\$5000)
- **UT Undergraduate Research Apprenticeship Program.** Spring 2016, Spring 2017. \$1,500 in funding to aid PI research + \$300 scholarship to the mentee for each period.
- **Special Research Grant from the UT Office of the Vice President for Research**
- Project title: Processing of foreign-accented speech. Project period: 2014-2015
- Role: PI. Funding amount: \$750
- **Faculty Research Assignment**
- Project title: Enhancing Speech Recognition in Adverse Communicative Situations. Project period: 2015-2016. Semester without teaching obligations.
- **UT Graduate School Diversity Mentoring Fellowship**
- Funding for recruiting an outstanding new graduate student to the lab that add to the diversity and to mentor them. Project Period: 2015-2016. Funding amount: \$35,000
- **UT Graduate School Fund for Academic Enrichment**
- Support travel between Texas and UK to visit UCL. Project Period: 2014-2015. Role: PI. Funding amount: \$2500
- **Special Research Grant from the UT Office of the Vice President for Research**
- Project title: Speech intelligibility variation across lifespan. Project period: 2013-2014. Role: PI. Funding amount: \$750
- **National Science Foundation (NSF) Doctoral Dissertation Grant**
- Project title: Production and Perception of F0: An Experimental Analysis of Norwegian Tonal Accent. Project period: 9/13-10/14. Role: PI; PhD student: N. Kelly. Funding amount: \$13,028
- **Special Research Grant from the UT Office of the Vice President for Research**
- Project title: Production and perception of speech varying in intelligibility for younger and older adults. Project period: 2012-2013. Role: PI. Funding amount: \$750

- **Research Grant from the UT Office of the Vice President for Research** Project title: Speech Recognition in Noise for Children with Cochlear Implants.
- Project period: 2011-2012. Role: PI. Funding amount: \$6,000
- **UT's Longhorn Innovation Fund for Technology (LIFT)**
- Project title: CLARITY–Technology for Enhancing Oral Communication.
- Project period: 2011-2012. Role: CO-PI; B. Chandrasekaran and C. Soto CO-PIs. Funding amount: \$100,000
- **Dean's Fellowship, Dean of Graduate Studies, University of Texas at Austin Award for one semester research leave**
- Project period: Fall 2010.
- **Summer Research Assignment, Dean of Graduate Studies, University of Texas at Austin**
- Project title: Effect of Age on Clear Speech Production and Intelligibility. Project period: Summer 2009. Funding amount: Two months' summer salary
- **American Speech-Language-Hearing Association (ASHA) Grant program for projects on Multicultural Activities**
- Project title: Developing sentence test materials for non-native speakers of English. Role: Co-investigator; L. Calandrucchio, P.I. Grant period: 2009-2010.
- Funding amount: \$6500
- **National Institutes of Health (NIH) R43/44 (Small Business Innovation Research Phase I)**
- Project title: Innovative Monitoring Device for Speech to Challenged Listeners. Role: Consultant; Boyce, S., MacAuslan, J., PIs. Grant period: 2008-2009. Funding amount: \$116,702 (direct), \$176,217 (total)
- **National Heart, Lung and Blood Institute (NHLBI) #1R21HL086689-01**
- Project title: Speech Production and Sleep Deprivation study. Role: Consultant; Dr. S. Boyce, PI. Grant period: 2006-2008. Funding amount: \$275,000
- **Funding for undergraduate student research projects (Weinberg College of Arts and Sciences, Northwestern University)**
- Project title: Effect of native language background on the perception of Russian vowels and glides. Role: PI. Project period: Fall 2007. Funding amount: \$250
- **Hewlett Grant (Weinberg College of Arts and Sciences, Northwestern University); funding for projects that enhance undergraduate curricular innovation and development**
- Project title: Developing “Russian Acoustic Phonetics” class. Role: CO-PI; Dr. E. Elliott, CO-PI. Project period: 2006-2007. Funding amount: \$14,685
- **Research Grant in Speech Science (Dennis Klatt Memorial Award); co-sponsored by American Speech-Language-Hearing Association and Acoustical Society of America**
- Project title: Effects of Clear Speech on Production and Perception of Croatian Rhythm. Role: PI. Project period: 2005-2006. Funding amount: \$5,000

- **Research Grant from Slavic Department, Northwestern University**
- Project title: Croatian clear speech. Role: PI. Project period: summer 2003.
- Funding amount: \$3,000

## HONORS AND AWARDS

- *Raymond Dickson Centennial Endowed Teaching Fellowship* award for the 2023-2024 academic year
- The Faculty Affairs Committee Semester Awards for Professor of the Semester Fall 2021
- Academic Enrichment Fund Award, UT Graduate School; \$1,200 in support of an honorarium for speakers at the virtual colloquium series on linguistic bias and discrimination
- 2021 Spring Undergraduate Research Apprenticeship Program Award for Madison Rider
- Elected **Acoustical Society of America Fellow**, Fall 2018  
“For contributions to cross-language speech acoustics and perception.”
- Elected Chair of Speech Communication Technical Committee, Acoustical Society of America (2019-2022)
- Editor’s Award from the *Journal of Speech, Language, and Hearing Research* for the most meritorious single article in hearing research: Van Engen, Kristin, Jasmine Phelps, Rajka Smiljanic and Bharath Chandrasekaran (2014). Sentence intelligibility in N-talker babble: effects of context, modality, and speaking style. *Journal of Speech, Language, and Hearing Research*, Vol. 57, 1908-1918.  
doi:10.1044/JSLHR-H-13-0076

## SCHOLARLY PRESENTATIONS

### Invited talks

- Smiljanic, R. (2023). Can you hear me now: What clear speech can teach us about the perceptual and cognitive processing? UT Acoustics Seminar Series.
- Smiljanic, R. (2023). Clear speech processing benefits beyond intelligibility. *The Journal of the Acoustical Society of America*, 153, A121. [doi.org/10.1121/10.0018371](https://doi.org/10.1121/10.0018371)
- Smiljanic, R. (2021). Speech Communication: Talkers, listeners and signals. *The Journal of the Acoustical Society of America* 150, A133.
- Smiljanic, R. (2019). Speech intelligibility variation beyond word recognition: lexical access and memory. Linguistics Department, University of Kansas. Lawrence, KS.
- Smiljanic, R. (2019). Speech Clarity, Word Recognition and Listening Effort. UT Acoustics Seminar Series.
- Smiljanic, R. (2018). Intelligibility variation: Talkers, Listeners, and Signals. To be presented at Diehl-a-Palooza: A Celebration of the Career of Randy Diehl.
- Smiljanic, R., & Clopper, C. (2017). Prosodic and segmental cues to regional dialect variation in American English. Special Session: The Southern States: Social



- Factors and Language Variation. Acoustical Society of America Meeting, New Orleans, LO. December
- Smiljanic Rajka (2016). Speech intelligibility for native and non-native talkers and listeners. Special Session “Intelligibility Challenges: Speakers, Listeners, and Situations.” *Journal of the Acoustical Society of America* 139, 2079. Salt Lake City, UT. May 23-27.
- Smiljanic, Rajka, Stan Sheft, Bharath Chandrasekaran and Valeriy Shafiro (2016). “Effect of language experience on the intelligibility of interrupted speech”. Special Session “Lessons from Interrupted Speech: Methods and Models”. Acoustical Society of America Meeting, Sal Lake City, UT. May 23-27.
- Smiljanic, Rajka (2014). Speech intelligibility and sentence recognition memory in noise. Special Session "Room Acoustic Effects on Speech Comprehension and Recall". Acoustical Society of America Meeting, Indianapolis, IN. October 27-31.
- Smiljanic, Rajka (2014). Non-native clear speech production and perception. ASHA convention, Orlando, Florida, November 20–22.
- Smiljanic, Rajka (2014). Overview of Speech Communication Research. *Journal of the Acoustical Society of America* 135, 2182. Providence, RI. 5-9 May.
- Smiljanic, Rajka and Douglas Sladen (2010). Effect of acoustic-phonetic and semantic enhancements on speech recognition for children with cochlear implants. Special session at the 160th ASA Meeting: Psychological and Physiological Acoustics: Hearing Impairment, Hearing Aids, and Cochlear Implants. Cancun, Mexico. 15-19 November.
- Smiljanic, Rajka (2008). The effect of linguistic experience on clear speech production and perception. University of Texas at Austin: Communication Sciences and Disorders Department (Production, Perception & Processing and Bilingualism groups). Austin, Texas. October.
- Smiljanic, Rajka (2008). Speaking and hearing clearly: Talker and listener factors in speaking style changes. University of Washington, Speech and Hearing sciences Colloquium. Seattle, Washington. March.
- Smiljanic, Rajka (2008). Phonetic variation and phonological contrast in hyper-articulated speech. University of Texas at Austin, Department of Linguistics Colloquia. Austin, Texas. February.
- Smiljanic, Rajka and Ann Bradlow (2007). Clear speech effect on vowel production across languages. 154th Meeting of the Acoustical Society of America. Special session Speech Intelligibility and the Vowel Space. New Orleans, Louisiana. 27 November-1 December.
- Smiljanic, Rajka (2007). Phonetic variation and phonological contrasts: Prosody and clear speech. Department of Phonetics and Linguistics, University College London. London, UK. February.
- Smiljanic, Rajka (2006). Production and perception of clear speech. University of Zagreb. Zagreb, Croatia. June.

- Smiljanic, Rajka (2005). Production and perception of clear speech in Croatian and English. Linguistic Colloquium, University of Illinois at Urbana-Champaign. Urbana-Champaign, Illinois. April.
- Smiljanic, Rajka (2004). Phonetic and phonological effects in production and perception of clear speech: A cross-linguistic approach. Linguistics Colloquium, University of Chicago. Chicago, Illinois. November.
- Smiljanic, Rajka (2004). Contrast enhancement in two communicative situations: narrow focus and clear speech. Linguistics colloquium, Northwestern University. Evanston, Illinois. September.
- Smiljanic, Rajka (2002). Lexical, pragmatic and positional effects on prosody in two dialects of Croatian and Serbian. Linguistics colloquium, Northwestern University. Evanston, Illinois. October.
- Smiljanic, Rajka (2001). Lexical and pragmatic effects on prosody in two dialects of Croatian and Serbian. Workshop on tone and intonation in Europe, University of the Basque Country (organized by Research Network Tone and Intonation in Europe funded by European Science Foundation). Vitoria, Spain. 28-30 June.
- Smiljanic, Rajka (2001). Prosodic system(s) of two dialects of Serbian and Croatian: Acoustic correlates of lexical and pragmatic information. Linguistics Colloquium, Department of Linguistics, UIUC. Urbana-Champaign, Illinois. May.

### **Published abstracts**

The following are talk and poster presentations at the Acoustical Society of America meetings for which the citable abstracts are published in the *Journal of the Acoustical Society of America*.

- Guo, Z.-C., & Smiljanic, R. (2023). Clear speech improves word segmentation in quiet and in noise: evidence from visual-world eye-tracking. *The Journal of the Acoustical Society of America*, 153, A168. [doi.org/10.1121/10.0018543](https://doi.org/10.1121/10.0018543)
- Smiljanic, R. (2023). Clear speech processing benefits beyond intelligibility. *The Journal of the Acoustical Society of America*, 150, A133. [doi.org/10.1121/10.0007878](https://doi.org/10.1121/10.0007878)
- Llanos, F., Meemann, K., Smiljanic, R., & Chandrasekaran, B. (2023). High spectral covariation between frequency channels contributes to clear speech intelligibility. *The Journal of the Acoustical Society of America*, 153, A169. [doi.org/10.1121/10.0018544](https://doi.org/10.1121/10.0018544)
- Guo, Z.-C., & Smiljanic, R. (2022). Coarticulation is reduced in clear speech produced with protective face masks. *The Journal of the Acoustical Society of America* 152(4), A286. doi: 10.1121/10.0016295
- Guo, Z.-C., & Smiljanic, R. (2022). The degree and time course of nasal coarticulation across communicative contexts: A study of the LUCID corpus. *Journal of the Acoustical Society of America* 151, A65.

- Guo, Z.-C., & Smiljanic, R. (2021). Coarticulation across communicative contexts: An acoustic analysis of the LUCID corpus using spectral and temporal measures. *The Journal of the Acoustical Society of America* 150, A70
- Keerstock, S., Meemann, K., & Ransom, S., & Smiljanic, R. (2020). Effects of face masks and speaking style on audio-visual speech perception and memory. *Journal of the Acoustical Society of America* 148, 2747.
- Keerstock, S., Ballard, F., & Smiljanic, R. (2020). Enhanced memory for sentences read aloud conversationally versus clearly: Evidence from sentence recognition memory and recall. *Journal of the Acoustical Society of America* 148, 2499.
- Yi, H., & Smiljanic, R. (2020). Talker depressive symptoms affect intelligibility of noise-adapted speech. *Journal of the Acoustical Society of America* 148, 2651.
- Meemann, K., Keerstock, S., Ransom, S., & Smiljanic, R. (2020). Effect of protective face masks on speech perception and memory. UT COVID-19 Conference.
- Guo & Smiljanic (2019). Speaking clearly improves speech segmentation in optimal listening conditions. *The Journal of the Acoustical Society of America* 146, 3052. <https://doi.org/10.1121/1.5137579>
- Meemann, K., & Smiljanic, R. (2019). The effect of clear speech and masking noise on listening effort in native and non-native listeners. *The Journal of the Acoustical Society of America* 146, 2842. <https://doi.org/10.1121/1.5136857>
- \* K. Meemann, recipient of the Technical Committee on Speech Communication Best Paper Award—Second Place**
- Keerstock, S., & Smiljanic, R. (2019). [Reading aloud in a clear speaking style may interfere with sentence recognition memory.](#) *Journal of the Acoustical Society of America*, 145, 1911. Louisville, KY. [Lay-language article.](#)
- Keerstock, S., & Smiljanic, R. (2018). Recall of clearly spoken sentences. *Journal of the Acoustical Society of America*, 144, 1727. Victoria, Canada.
- Alcorn, Smith, De La Cruz, Smiljanic (2018). Effect of proficiency on perception of English nasal stops by native speakers of Brazilian Portuguese. *Journal of the Acoustical Society of America*, 144, 1726. Victoria, Canada.
- Shafiro, Keerstock & Smiljanic (2018). Semantic context modulates intelligibility advantage of clear speech in temporally compressed sentences. *Journal of the Acoustical Society of America*, 143, 1921. Minneapolis, MN.
- S. Alcorn, K. Meemann, Clopper, C. & R. Smiljanic. (2017). Acoustic cues and linguistic experience as factors in regional dialect classification. *Journal of the Acoustical Society of America*, 141, 3979. Boston, June 2017.
- K. Meemann, R. Smiljanic. (2017). Improving speech recognition in noise through speaking style modifications for native and non-native listeners. *Journal of the Acoustical Society of America*, 141, 3520. Boston, June 2017.
- S. Keerstock, R. Smiljanic. (2017). Effects of intelligibility on within- and cross-modal sentence recognition memory. *Journal of the Acoustical Society of America*, 141, 4038. Boston, June 2017.

**\* Recipient of ASA Best Student Paper Award (to S. Keerstock) in Speech Communication**

Meeman, K. & Smiljanic, R. (2016). The effect of speaking style adaptations on speech perception in noise by native and non-native listeners. *Journal of the Acoustical Society of America* 139, 2164. Salt Lake City, UT. May 2016.

Yi, H., Smiljanic, R., & Chandrasekaran, B. (2016). The effect of talker and listener depressive symptoms on speech intelligibility. *J. Acoust. Soc. Am.* 139, 2047. Salt Lake City, UT. May 2016.

Blanco, C., Bannard, C., and R. Smiljanic (2015). Acoustic detail in monolingual and bilingual children's representations of English and Spanish. *J. Acoust. Soc. Am.* 137, 2383. Jacksonville, Florida. November 2-6.

**\* Recipient of ASA Best Student Paper Award (to C. Blanco) in Speech Communication**

Ferracane, E., Blanco, C.P., Dubois, M., Manrique, A., and R. Smiljanic (2015). The effect of informational and energetic masking on foreign-accent adaptation. *J. Acoust. Soc. Am.* 138, 1947. Jacksonville, Florida. November 2-6.

Van Der Feest, S., Moses, S., Clark, A., Parsons, D., & R. Smiljanic (2015). Effects of speaking style and context on online word recognition in adverse listening conditions. *J. Acoust. Soc. Am.* 138, 1850. Jacksonville, Florida. November 2-6.

Blanco, C., Bannard, C., and R. Smiljanic (2015). Listener sensitivity to English- and Spanish-specific sounds in a language categorization task. *Journal of the Acoustical Society of America*, 137, 2383. Pittsburgh, PA. May 18-22.

Ferracane, E., Blanco, C.P., Cook, G., Johnson, K., and R. Smiljanic (2015). Effect of noise on foreign-accent adaptation. *Journal of the Acoustical Society of America*, 137, 2435. Pittsburgh, PA. May 18-22.

Blanco, C., Ferracane, E., Yi, H., and R. Smiljanic (2014). Language proficiency, context influence foreign-accent adaptation. *Journal of the Acoustical Society of America*, 136, 2109. Indianapolis, IN. 27-31 October.

Blanco, Cindy, Ferracane, Elisa, Yi, Hoyoung and Rajka Smiljanic (2014). Language proficiency, context influence foreign-accent adaptation. *Journal of the Acoustical Society of America*, 136, 2109. Indianapolis, IN. 27-31 October.

Gilbert, Rachael, Cristabella Trimble-Quiz, Karen Johnson and Rajka Smiljanic (2014). Speaking style adaptations across the lifespan. *Journal of the Acoustical Society of America*, 135, 2421. Providence, RI. 5-9 May.

Van der Feest, Suzanne and Rajka Smiljanic (2014). Timecourse of word recognition for listener-oriented speaking style adaptations. *Journal of the Acoustical Society of America*, 135, 2316. Providence, RI. 5-9 May.

Gilbert, Rachael, Nicholas Victor, Bharath Chandrasekaran and Rajka Smiljanic (2013). Intelligibility of speaking styles elicited by various instructions. *Journal of the Acoustical Society of America* 134 , 4244.

Blanco, Cindy, Emily Tagtow and Rajka Smiljanic (2013). Familiarity with a foreign-accent aids perceptual accent adaptation. *Journal of the Acoustical Society of America* 134 , 4249.

- Smiljanic, Rajka and Bharath Chandrasekaran (2013). Processing speech of varying intelligibility. Special Session at the 165th ASA Meeting: Variability in Speech Intelligibility: Behavioral and Neural perspectives. *Journal of the Acoustical Society of America* 133, 3386.
- Smiljanic, Rajka, Stan Sheft, Bharath Chandrasekaran and Valeriy Shafiro (2013). Effect of speech clarity on perception of interrupted meaningful and anomalous sentences. *Journal of the Acoustical Society of America* 133, 3388.
- Rao, Gayatri, Rajka Smiljanic and Randy Diehl (2013). Individual variability in phonetic convergence for vowels and rhythm. *Journal of the Acoustical Society of America* 133, 3340.
- Boyce, Suzanne, Sarah Hamilton, Joel MacAuslan, Jean Krause, Rajka Smiljanic and Ann Bradlow (2013). *Using Landmark Detection to Measure Effective Clear Speech*. *Journal of the Acoustical Society of America* 133, 3391.
- Gilbert, Rachael, Bharath Chandrasekaran and Rajka Smiljanic (2012). Recognition memory in noise for speech of varying intelligibility. *Journal of the Acoustical Society of America* 132, 2077.
- Beitz, Jasmine, Kristin Van Engen, Rajka Smiljanic and Bharath Chandrasekaran (2012). Effects of visual cue enhancement on speech intelligibility for clear and conversational speech in noise. *Journal of the Acoustical Society of America* 132, 2080.
- Van Engen, Kristin, Bharath Chandrasekaran, Lauren Ayres, L, Natalia Czimskey and Rajka Smiljanic (2011). Recognition memory for speech of varying intelligibility. *Journal of the Acoustical Society of America* 130, 2445.
- Smiljanic, Rajka, Lauren Calandruccio and Stacey Rimikis (2011). Speech-in-noise perception for new sentence-recognition materials: normative data for a diverse non-native listener population. *Journal of the Acoustical Society of America* 130, 2572.
- Rao, Gayatri, Rajka Smiljanic and Randy Diehl (2011). Effect of linguistic background on convergence of prosodic rhythm. *Journal of the Acoustical Society of America* 130, 2553.
- Gilbert, Rachael, Douglas Sladen and Rajka Smiljanic (2011). Oral receptive and expressive language skills and word recognition in children with cochlear implants. *Journal of the Acoustical Society of America* 129, 2624.
- Smiljanic, Rajka and Douglas Sladen (2011). Speech intelligibility in noise for adult and children users of cochlear implants. *Journal of the Acoustical Society of America* 129, 2662.
- Rao, Gayatri and Rajka Smiljanic (2011). Effect of language, speaking style and talker on a spectral rhythm measure. *Journal of the Acoustical Society of America* 129, 2680.
- Smiljanic, Rajka and Lauren Calandruccio (2010). Development of the non-native English sentence test for speech recognition. *Journal of the Acoustical Society of America* 128(4), 2486.

- Smiljanic, Rajka and Douglas Sladen (2010). Effect of acoustic-phonetic and semantic enhancements on speech recognition for children with cochlear implants. *Journal of the Acoustical Society of America* 128(4), 2425.
- Sjerps, Matthias and Rajka Smiljanic (2010). The influence of language background on the relative perception of vowels. *Journal of the Acoustical Society of America* 128(4), 2352.
- Smiljanic, Rajka and Ann Bradlow (2009). Native and Non-native Clear Speech Production. *Journal of the Acoustical Society of America* 125(4), Pt. 2, 2753.
- Smiljanic, Rajka and Ann Bradlow (2008). Clear speech intelligibility and accentedness ratings for native and non-native talkers and listeners. *Journal of the Acoustical Society of America*. 123(5), Pt. 2, 3883.
- Boyce, Suzanne, Joel MacAuslan, Ann Bradlow and Rajka Smiljanic (2008). Landmark-Based Analysis of Sleep-Deprived Speech. *Journal of the Acoustical Society of America*. 123(5), Pt. 2, 3887.
- Related popular press:  
 Lay language papers: Acoustics '08 Paris. Available at  
<http://www.acoustics.org/press/155th/boyce.htm>  
 Discovery Channel online:  
<http://dsc.discovery.com/news/2008/07/14/sleep-speech-deprive.html>
- Smiljanic, Rajka, Josh Viau and Ann Bradlow (2007). Global Temporal Characteristics of English Clear and Conversational Speech. *Journal of the Acoustical Society of America*. 121(5), Pt. 2, 3043.
- Smiljanic, Rajka, Josh Viau and Ann Bradlow (2006). The effect of phonological neighborhood density and word frequency on vowel production and perception in clear speech. *Journal of the Acoustical Society of America*, 120(5), Pt. 2, 3291.
- Smiljanic, Rajka, Josh Viau and Ann Bradlow (2006). Rhythm in English Clear Speech. *Journal of the Acoustical Society of America*, 119(5), Pt. 2, 3304.
- Smiljanic, Rajka and Ann Bradlow (2005). Does clear speech enhance the voice onset time contrast in Croatian and English? *Journal of the Acoustical Society of America*, 118(3), Pt. 2, 1900.
- Konopka, Kenneth, Rajka Smiljanic and Ann Bradlow (2005). Variability in the clear speech intelligibility advantage. *Journal of the Acoustical Society of America*, 118(3), Pt. 2, 1931.
- Smiljanic, Rajka and Ann Bradlow (2004). Production and perception of clear speech in Croatian and English. *Journal of the Acoustical Society of America*, 116(4), Pt. 2, 2627.
- Smiljanic, Rajka and Ann Bradlow (2004). Phonetic and Phonological Effects in Production and Perception of Croatian Clear Speech. *Journal of the Acoustical Society of America*, 115(5), Pt. 2, 2395.
- Smiljanic, Rajka (2001). Pitch peak alignment as a function of lexical and pragmatic factors in two dialects of Serbian/Croatian. *Journal of the Acoustical Society of America*, 109 (5), Pt. 2, 2414.

### **Media Coverage of Research**

- ASA Press Release. Face Masks Provide Additional Communication Barrier for Nonnative Speech
- EurekaAlert! Face masks provide additional communication barrier for nonnative speech.
- Inside Science. Masks Save Lives, but May Hinder Communication.
- Smith, M. (2019, March 3). Chatty teachers beware: formal delivery boosts learning. *Times Educational Supplement*. Retrieved from <https://www.tes.com/news/chatty-teachers-beware-formal-delivery-boosts-learning>
- Dural, K. (2018, December 5). UT researchers find that speaking clearly helps listener better retain what was said. *The Daily Texan*. Retrieved from <http://www.dailytexanonline.com/2018/12/05/ut-researchers-find-that-speaking-clearly-helps-listener-better-retain-what-was-said>
- Vandette, K. (2018, November 27). Speaking clearly shown to improve the listener's ability to remember. *Earth*. Retrieved from <https://www.earth.com/news/speaking-clearly-isteners-remember/>
- Acoustical Society of America. (2018, November 5). How clear speech equates to clear memory: Researchers find that a speaker's clearly articulated style can improve a listener's memory of what was said. *ScienceDaily*. Retrieved May 8, 2019 from [www.sciencedaily.com/releases/2018/11/181105200736.htm](http://www.sciencedaily.com/releases/2018/11/181105200736.htm)
- Bergland, C. (2018, November 5). Tricky Tongue Twisters Can Teach Us to Speak More Memorably. *Psychology Today*. Retrieved from <https://www.psychologytoday.com/us/blog/the-athletes-way/201811/tricky-tongue-twisters-can-teach-us-speak-more-memorably>
- Dong, M. (2018, October 4). UT Sound Lab studying connection between memorization and speaking styles. *The Daily Texan*. Retrieved from <http://www.dailytexanonline.com/2018/10/04/ut-sound-lab-studying-connection-between-memorization-and-speaking-styles>

### **Other Presentations**

- Zhe-chen Guo and Rajka Smiljanic (2023). Clear speech benefit for word segmentation is modulated by contextual-semantic cues: Evidence from eye-tracking. *Psychonomics*.
- Llanos, F., Meemann, K., Smiljanic, R., & Chandrasekaran, B. (2023). Sentence Intelligibility is Supported by Patterns of Spectral Covariation Between Frequency Bands. 2023 ARO MidWinter Meeting.
- Meemann, K., & Smiljanic, R. (2023). Nonnative-accented speech and masking noise increase listening effort for native and nonnative listeners: A dual-task approach. *Speech in noise workshop*. Split, Croatia.



- Zhe-chen Guo and Rajka Smiljanic (2022). Coarticulatory vowel nasalization in read and listener-directed speech across communicative contexts: An analysis of the LUCID corpus. LabPhon 18 conference.
- Zhe-chen Guo and Rajka Smiljanic (2021). Speakers coarticulate less when facing real and imagined communicative difficulties: An analysis of read and spontaneous speech from the LUCID corpus. *Interspeech*.
- Keerstock, S., & Smiljanic, R. (2020). Effects of clear speech perception and production on recall and recognition memory for native and non-native listeners and talkers. 61st Annual Meeting of the Psychonomic Society.
- Meemann, K., & Smiljanic, R. (2020). Speaking Clearly Improves Word Recognition but may Increase Listening Effort. 61st Annual Meeting of the Psychonomic Society.
- Yi, H., & Smiljanic, R. (2020). Acoustics of Noise-Adapted Speech and Clear Speech in Individuals with Elevated Depressive Symptoms. Conference of the Korean Society of Speech Sciences.
- Meemann & Smiljanic (2019). The effect of acoustic and semantic cues on speech recognition in noise. 11th Speech in Noise Workshop. January 2019, University of Ghent, Belgium.
- De La Cruz, Shaddock, Ballard, Keerstock & Smiljanic (2019). Speaking clearly can improve listener memory. UT Research Bazaar and Linguistics Research Showcase. April 2019.
- K. Meemann, S. Alcorn, R. Smiljanic, C. G. Clopper (2018). Acoustic cues to regional dialect variation in short vs. long utterances. *Experimental and Theoretical Advances in Prosody 4*. University of Massachusetts Amherst. October 2018.
- Alcorn & Smiljanic (2018). The perception and production of /sC/ clusters by sequential Spanish-English. LabPhon 16 conference. June 2018.
- Alcorn & Smiljanic (2018). Unlearning to perceive and produce epenthetic vowels: the case of L1 Brazilian Portuguese/L2 English sequential bilinguals. LabPhon 16 conference. June 2018.
- Keerstock & Smiljanic (2018). Sources of enhanced sentence recognition memory for native and NN listeners. LabPhon 16 conference. June 2018.
- Alcorn & Smiljanic (2018). The effect of semantic context and phonetic enhancements on the perception of word-final nasal consonants by L1 Brazilian Portuguese/L2 English learners. To be presented at the Experimental Portuguese Linguistics Workshop (ExPortLi). April 2018.
- Blackshear, De La Cruz, Lilley, Smith, Alcorn & Smiljanic (2018). Effects of clarity and context on English speech perception by speakers of Brazilian Portuguese. To be presented at the LA Honor's Day and Linguistics Research Showcase. April 2018.
- Pena & Smiljanic (2018). Clear Speech Enhancement by Beginning and Advanced Learners of Korean. To be presented at the UT Research Bazaar, LA Honor's Day, Dean's Research Reception, and Linguistics Research Showcase. April 2018.



- Alcorn, S. & R. Smiljanic (2017). The production of epenthetic vowels by late Brazilian Portuguese-English bilinguals. 2017 Hispanic Linguistics Symposium, Texas tech University, Lubbock, TX. October 26-28.
- Van Der Feest, S., Blanco, C., and Smiljanic, R. (2017). Effects of listener-oriented speaking styles and semantic context on young children's word recognition. 2017 Society for Research in Child Development (SRCD) Biennial Meeting. April 6 – 8. Austin, Texas.
- Jailyn Pena, Hannah Ray, Irene Smith, Sandie Keerstock, and Rajka Smiljanic (2017). Effects of intelligibility on sentence recognition memory for native and non-native English listeners. UT undergraduate research week.
- Maria Gavino & Rajka Smiljanic (2017). Auditory Free Classification of Early and Late Spanish-English Bilinguals. UT undergraduate research week.
- Alcorn, S. & R. Smiljanic (2017). The role of L2 phonetic experience in L1 phonological restructuring in Portuguese-English bilinguals. Bilingualism in the Hispanic and Lusophone World (BHL) conference. Florida State University, January 27-29.
- Van Der Feest, S., Blanco, C., and Smiljanic, R. (2016). Effects of Speaking Style and Context on Online Word Recognition in Young Children and Adults. Boston University Conference on Language Development. Boston, November 4-6.
- Smiljanic, Rajka, Stan Sheft, Bharath Chandrasekaran and Valeriy Shafiro (2016). Native and non-native listeners' recognition of interrupted sentences. Linguistics Symposium: The Future of Language Science. Northwestern University, Evanston, IL. October 1-3.
- Smiljanic, Rajka, Stan Sheft, Bharath Chandrasekaran and Valeriy Shafiro (2016). Recognition of interrupted speech for native and non-native listeners. Psychonomic Society's 57th Annual Meeting, Boston, November 17-20.
- DuBois, M., Smith, I., Meemann, K., & Smiljanic, R. (2016). The effect of speaking style adaptations on speech perception in noise by native and non-native listeners. UT undergraduate research week.
- Gavino, M., Garcia-Holmes, N., Ferracane, E., Blanco, C., & Smiljanic, R. (2016). Effects of Different Types of Noise on Foreign Accent Adaptation. UT undergraduate research week.
- Johnson, K., Ferracane, E., Blanco, C. P., & R. Smiljanic (2015). Adaptation to Foreign-Accented Speech in Noise. UT undergraduate research week.
- Manrique, A., DuBois, M., Blanco, C. P., & R. Smiljanic (2015). Sensitivity to Spanish and English vowels: A comparison of monolingual and bilingual listeners. UT undergraduate research week.
- DuBois, M., Manrique, A., Blanco, C. P., & R. Smiljanic (2015). Do you hear what I hear? The effects of language background on the perception of accented speech. Liberal Arts Honors Day & UT undergraduate research week.
- Blanco, Cynthia, Yi, Hoyoung and Rajka Smiljanic (2014). Adaptation to foreign accents: The role of listener language experience and task expectations. Bias in Auditory Perception conference. Aarhus, Denmark, September 18-20.

- Ferracane, Elisa, Johnson, Karen, Trimble-Quiz, Cristabella, Gilbert, Rachael C. and Rajka Smiljanic (2014). Speaking Style Adaptations across the Lifespan. UT undergraduate research week.
- Tagtow, Emily, Oakley, Maddie, Cook, Gabriela, Blanco, Cynthia P., and Rajka Smiljanic (2014). Exposure to Foreign Accented Speech Aids Listeners' Speech Perception. UT undergraduate research week.
- Niamh, Kelly and Rajka Smiljanic (2014). "Monosyllabic Lexical Pitch Contrasts in Norwegian." Speech Prosody conference. Dublin, Ireland. 20-23 May.
- Niamh, Kelly and Rajka Smiljanic (2014). "The Effects of Pragmatic Focus on Norwegian Tonal Accent." 4th International Symposium on Tonal Aspects of Languages in Nijmegen, The Netherlands. 13-16 May.
- Gilbert, Rachael and Rajka Smiljanic (2013). Speaking style adaptations produced by older and young adults. Aging and Speech Communication conference, Indiana University. Bloomington, Indiana. 6-9 October.
- Yi, Han-Gyol, Rajka Smiljanic and Bharath Chandrasekaran (2013). Natural variations in speech intelligibility: An fMRI study. Poster presented at the Institute for Neuroscience 17th Annual Symposium.
- Yi, Han-Gyol, Rajka Smiljanic and Bharath Chandrasekaran (2013). Natural variations in speech intelligibility: An fMRI study. 19th Annual Meeting of the Organization for Human Brain Mapping.
- Sladen, Douglas and Rajka Smiljanic (2012). The influence of acoustic and semantic enhancements on speech in noise recognition for children with normal hearing and children with cochlear implants. NHS 2012 - Beyond Newborn Hearing Screening. Infant and Childhood Hearing in Science and Clinical Practice.
- Gilbert, Rachael, Kristin Van Engen, Bharath Chandrasekaran and Rajka Smiljanic (2012). Effects of speech clarity on recognition memory for spoken sentences in quiet and in noise. Poster presented at the Graduate Research Showcase, University of Texas at Austin.
- Rimikis, Stacey, Lauren Calandrucchio and Rajka Smiljanic (2011). Normative data on New Sentence-Recognition Materials for Non-Native English Speakers. American Speech-Language-Hearing Association (ASHA).
- Clopper, Cynthia and Rajka Smiljanic (2011). Regional Variation in Temporal Organization in American English. Presented at the Ilse Lehiste Memorial Symposium, Ohio State University.
- Smiljanic, Rajka (2011). Intelligibility of speech produced by older talkers. Aging and Speech Communication conference.
- Gilbert, Rachael, Douglas Sladen, and Rajka Smiljanic (2011). Oral Language Skills and Word Recognition for Children with and without Cochlear Implants. 13th Symposium on Cochlear Implants in Children.
- Rao, Gayatri and Rajka Smiljanic (2011). Effect of native language background, speaking style and age on rhythmic variation. XVIIth International Congress of Phonetic Sciences.

- Sladen, Douglas and Rajka Smiljanic (2011). Children and Adults with Cochlear Implants: Effect of Age on use of Acoustic-Phonetic and Semantic Enhancements. American Auditory Society Meeting.
- Rimikis, Stacey, Weintraub, Ott, Rajka Smiljanic and Lauren Calandruccio (2010). Reducing linguistic biases: sentence materials developed for non-native English speakers. ASHA.
- Armstrong Meghan, Rajka Smiljanic and Cynthia Clopper (2008). Pause distribution in three American English dialects: Southern, Midland and Mid-Atlantic. *New Ways of Analyzing Variation* 37.
- Boyce, Suzanne, Joel MacAuslan, Ann Bradlow and Rajka Smiljanic (2007). Automatic Detection of Differences between Clear and Conversational Speech. American Speech-Language-Hearing Association Convention.
- Clopper, Cynthia and Rajka Smiljanic (2006). Regional Prosodic Variation in American English: Midland vs. South. *New Ways of Analyzing Variation* 35, Ohio State University.
- Smiljanic, Rajka, Josh Viau and Ann Bradlow (2006). Lexical effects on vowel production and perception in clear speech. Third International Workshop on Language Production.
- Smiljanic, Rajka, Josh Viau and Ann Bradlow (2006). Word and Syllable Boundary Strengthening in English Clear Speech. 10th Conference on Laboratory Phonology.
- Smiljanic, Rajka (2004). Contrast enhancement in Serbian. *From Sound to Sense: 50+ Years of Discoveries in Speech Communication*. Massachusetts Institute of Technology.
- Smiljanic, Rajka and Ann Bradlow (2004). Contrast enhancement in Croatian clear speech. 9<sup>th</sup> Conference on Laboratory Phonology, University of Illinois at Urbana-Champaign.
- Smiljanic, Rajka (2004). Prosodic variation in Serbian and Croatian: An experimental approach. 14<sup>th</sup> Biennial Conference on Balkan Linguistics, Literature and Folklore. University of Mississippi.
- Smiljanic, Rajka (2003). Lexical and pragmatic effects on pitch range and low tone alignment in two dialects of Serbian and Croatian. *Chicago Linguistic Society* 39, University of Chicago.
- Smiljanic, Rajka (2003). Prosodic variation and the expression of pragmatic narrow focus in two dialects of Croatian and Serbian. *Prosodic Interfaces Conference*.
- Smiljanic, Rajka (2002). Early vs. late focus: pitch-peak alignment in two dialects of Serbian and Croatian. 8<sup>th</sup> Conference on Laboratory Phonology, Yale University and Haskins Laboratories.
- Smiljanic, Rajka (2002). Lexical contrast maintenance and expression of narrow focus in two dialects of Serbian and Croatian. *Second International Conference on Contrast in Phonology*, University of Toronto.

- Smiljanic, Rajka (2002). How do speakers express emphasis and focus in speech? Research on prosody. Poster presentation of the Computational Linguistics group at the Beckman Institute Open House, UIUC.
- Smiljanic, Rajka (2000). Pitch-accent and stress-accent in Basque and the typology of accentual systems. 7<sup>th</sup> Conference on Laboratory Phonology, University of Nijmegen and Max Planck Institute for Psycholinguistics.
- Smiljanic, Rajka and Jose Ignacio Hualde (2000). Lexical and pragmatic functions of tonal alignment in two Serbo-Croatian dialects. Chicago Linguistic Society 36, University of Chicago.
- Jose Ignacio Hualde, Rajka Smiljanic and Jennifer S. Cole (2000). On the accented/unaccented distinction in Western Basque and the typology of accentual systems. Berkeley Linguistics Society 26, UC Berkeley.
- Jose Ignacio Hualde, Rajka Smiljanic and Jennifer S. Cole (1999). The accented/unaccented distinction in Western Basque. Mid-Continent Workshop on Phonology 5, Illinois State University.

## **ADVISING AND MENTORING**

### **Dissertation Supervision**

- Baorian Nuchged, Linguistics. Ongoing
- M. Smith, Linguistics. Ongoing.
- Zh.-Ch., Guo, Linguistics. Awarded 2023.
- K. Meemann, Linguistics. Awarded 2022.
- S. Keerstock, Linguistics. 2020  
Best Student Paper Award in Speech Communication, Acoustical Society of America meeting 2017.
- S. Alcorn, Ph.D. in Spanish and Portuguese Linguistics, 2018. (Co-chair with J. Torribio).  
Last known position: Postdoctoral Research Scholar, Department of Spanish and Portuguese, Indiana University at Bloomington
- C. Blanco, Ph.D. in Linguistics, 2016. (Co-chair with C. Bannard).  
Best Student Paper Award in Speech Communication, Acoustical Society of America meeting 2015.  
Last known position: Learning Scientist, Duolingo
- N. Kelly, Ph.D. in Linguistics, 2015.  
*Last known position:* Assistant Professor, American University of Beirut, Lebanon
- R. Gilbert, Ph.D. in Linguistics, 2014.  
*Last known position:* Principal Data Scientist at Trello
- Gayatri Rao, Department of Psychology, Fall 2010-present. (co-chair with R. Diehl).  
Thesis title: Measuring phonetic convergence: Segmental and suprasegmental speech adaptations during native and nonnative talker interactions. Dissertation completed 11/13.

### **Dissertation Committee Member**

- Fanni Ajna Kertesz, Psychology, ongoing
- Orjuela Salinas, Lorena; prospectus defended on 8-21-20
- Paige Erin Wheeler, ongoing

Lamia Trifi, French, comprehensive exams defended on 12-21  
Mingshuang Li, CSD; dissertation defended on 8-21  
L. Faircloth, Linguistics. Ongoing.  
H. Yi., Ph.D. in Communication sciences and Disorders, 2018.  
S. Kamdar, Ph.D. in Communication sciences and Disorders, 2018  
H.-G. Yi, Ph.D. in Communication sciences and Disorders, 2017.  
A. McBride, Ph.D. in French Linguistics, 2017.  
J. Guan, Ph.D. in Communication sciences and Disorders, 2017.  
B. Regan, Ph.D. in Spanish and Portuguese Linguistics, 2017.  
V. Green, Ph.D. in French Linguistics, 2016.  
L. Terzenbach, Ph.D. in Linguistics, 2015.  
M. Murphy, Department of French. 2014 – 2016 (Ph.D. not awarded).  
Lauren Terzenbach, Department of Linguistics, Spring 2012 - present.  
Thesis title: Investigating rhythmic asymmetries in Language and music.  
Brandon Baird, Department of Spanish and Portuguese, Fall 2012 - present.  
Thesis Title: An acoustic analysis of Spanish-K'ichee' (Mayan) bilingual intonation.  
Nicholas Bacuez, Department of French and Italian, Completed 11/2012.  
Thesis title: Making prosody fuzzy: Modeling French Intonation.  
Andre Souza, Department of Psychology, Completed 4/2012.  
Thesis title: The effects of clear speech, language background and accented speech on credibility judgments.

#### **External Committee Member for PhD qualifying exam**

Ai Mizoguchi, Speech, Language and Hearing Sciences, City University of New York, Summer 2015.

#### **External qualifying paper review**

Jai Pena, NYU, defended 8-21

#### **Master's theses/reports chair**

Han-Gyol Yi, Department of Communication Sciences and Disorders, supervisor (co-chair with B. Chandrasekaran). Completed Summer 2013.

Thesis title: Audiovisual Integration for Perception of Speech Produced by Nonnative Speakers

Rachael Gilbert, Department of Linguistics. 2013

Thesis title: Recognition memory in noise for speech of varying intelligibility

#### **Master's theses/reports member**

Niamh Kelly, Department of Linguistics, 2012

Thesis title: An Acoustic Analysis of Burmese Tone

Lauren Terzenbach, Department of Linguistics, 2011

Thesis title: Malayalam Prominence and Vowel Duration: Listener Acceptability

Sarah Episcopo, Department of Linguistics, 2009

Thesis title: Non-native speaker attitudes toward non-native English accents

#### **Qualifying papers**

Rachael Gilbert, Department of Linguistics: 2012, supervisor

Niamh Kelly, Department of Linguistics: 2012, reader  
Lauren Terzenbach, Department of Linguistics: 2011, reader

### **Other mentoring**

Sandie Keerstock (LIN), Kirsten Meemann (ENGL), graduate student projects, 2014-present  
Kristin van Engen, 2010-2012, postdoc  
Matthias Sjerps, Spring 2010, visiting graduate student, Max Planck Institute, Nijmegen

### **Undergraduate Honors Theses Supervision**

A. Alvis, Plan II. Ongoing.

F. Ballard, Linguistics. 2020  
J. Pena, Linguistics, 2018  
M. Gavino, Linguistics, 2017  
Randall Rouse, Linguistics: 2011

### **Undergraduate Research Mentorship (LIN 357, UGS 320, URAP, IE)**

Undergraduate Research: LIN 357, UGS 320, URAP  
Fall 2022: Madison Rider, Eliana Spradling  
Spring 2023: Mia Vargas, Apollo Reyes  
Fall 2021: Madison Rider, Eliana Spradling  
Spring 2022: Madison Rider, Eliana Spradling  
Spring 2010: Robert Corona, Anais Callejon, Randall Rouse  
Spring 2011: Samantha Sebastian, Johanna Boardman (CSD)  
Fall 2011: Lauren Burlison  
Spring 2012: Johanna Boardman (CSD)  
Fall 2012: Maddie Oakley  
Fall 2013: Lauren Franklin, Maddie Oakley, Emily Tagtow, Kiki Adams, Corina Trevino (CSD)  
Spring 2014: Elisa Ferracane, Gaby Cook (CSD), Cristabella Trimble-Quiz, Karen Johnson (CSD)  
Fall 2014: Karen Johnson, Michelle Dubois, Gabriela Cook, Elisa Ferracane  
Spring 2015: Andrea Manrique (LIN), Alba Devora (LIN), Dani Parsons (LIN), Amanda Clark (CSD),  
Michelle Dubois (LIN), Elisa Ferracane (LIN)  
Fall 2015: Michelle Dubois (LIN), Irene Smith (LIN), Maria Gavino (LIN), Niki Garcia-Holmes (LIN)  
Spring 2016: Michelle Dubois, Maria Gavino, Niki Garcia-Holmes, Irene Smith, Jailyn Pena  
Fall 2016: Maria Gavino, Jai Lyn Pena, Irene Smith, Liliana Terry, Hannah Ray  
Spring 2017: Maria Gavino, Jai Lyn Pena, Irene Smith, Hannah Ray, Colin Ramby, Tiara  
Camarillo, Luis de la Cruz.  
Fall 2017: Jai Lyn Pena, Irene Smith, Luis de la Cruz, Kevin Lilley, Sarah Blackshear.  
Spring 2018: Jai Lyn Pena, Irene Smith, Luis de la Cruz, Kevin Lilley, Sarah Blackshear,  
Olivia Naworol, Gabby Shaddock  
Honors Tutorial Course: LIN 679HA, LIN 679HB  
  
Fall 2010: Anais Callejon, Randall Rouse  
Spring 2011: Randall Rouse  
Fall 2016, Spring 2017: Maria Gavino

Fall 2017, Spring 2018: Jailyn Pena

Intellectual Entrepreneurship internship program

Spring 2013: Corina Trevino (CSD, LIN)

Fall 2013: Nicholas Victor (CSD)

Spring 2014: Maddie Oakley (LIN)

Undergraduate volunteers in my lab:

2009-present: Gabriella Saenz (CSD), Samantha Gordon (LIN), Jasmine Beitz (CSD), Aidan Aannestad (LIN), Nicholas Victor (CSD), Gaby Cook (CSD), Karen Johnson (CSD), Cristabella Trimble-Quiz (LIN), Elisa Ferracane (LIN)

## **COURSES TAUGHT**

### **University of Texas at Austin (2008-present)**

#### **GRADUATE:**

Introduction to Phonetics (LIN381M): Fall 2008 (5 enrolled), Spring 2010 (15 enrolled), 2011 (18 enrolled), 2012 (8 enrolled), 2013 (10 enrolled), 2014 (5 enrolled), Spring 2015 (13 enrolled), Fall 2015 (18 enrolled), Fall 2017 ( )

Advanced Phonetics Seminar (LIN393P):

Bilingualism: Fall 2015 (6 enrolled)

Language Experience and Speech processing: Fall 2014 (5 enrolled)

Speech Perception: Fall 2012 (5 enrolled)

Issues in Speech Intelligibility: Fall 2011 (7 enrolled), Fall 2014 (8 enrolled)

Phonetic Variability Within and Across Talkers and Listeners: Spring 2009 (6 enrolled)

Conference course in Linguistics (LIN 395): Spring 2013 (1 enrolled), Fall 2013 (1 enrolled)

#### **UNDERGRADUATE:**

Language and identity (LIN350): Fall 2021, 2022

Phonetics: The Production and Perception of Speech Sounds (LIN344K): Fall 2008 (51 enrolled), 2009 (49 enrolled), 2013 (37 enrolled); Spring 2010 (49 enrolled), 2011 (46 enrolled), 2012 (48 enrolled), 2013 (47 enrolled), 2014 (50 enrolled) , 2017 (41 enrolled)

Speech Intelligibility (LIN 350W): Fall 2012 (15 enrolled), Fall 2014 (12 enrolled), Spring 2017 (14 enrolled)

Undergraduate research (LIN357): Spring 2010 (2 enrolled), Spring 2011 (1 enrolled), Fall 2011 (2 enrolled), Fall 2013 (5 enrolled)

Honors tutorial course (LIN 679HA): Spring 2010 (1 enrolled), Fall 2010 (1 enrolled)

Honors tutorial course (LIN 679HB): Fall 2010 (1 enrolled), Spring 2011 (1 enrolled)

### **Rush University Medical Center, Department of Communication Disorders & Sciences (2006-2007)**

#### **SPEECH-LANGUAGE PATHOLOGY MASTER'S PROGRAM:**

Speech Production and Speech Perception (CDS 504)

Speech Science (CDS 504A)

### **Northwestern University (2002-2007)**

#### **GRADUATE:**

Fundamentals in Laboratory Phonology (Ling 350)

**UNDERGRADUATE:**

Sound Patterns in Human Language (Ling 250)

Structure of Various Languages: Issues for Bilingualism (Ling 342)

Structure of Various Languages: Russian (Ling 342, Slavic 341)

Bosnian/Croatian/Serbian Reading for Russian Speakers in the Slavic Department (accelerated graduate level team-taught course)

Language, Politics, and Identity (Ling 222)

**UIUC (1996-2002)**

Introduction to Language Science (Ling 200), Instructor

Serbian/Croatian (Slavic 101-104), Instructor

Historical Linguistics (Ling 210), Teaching Assistant,

Graduate Assistant for the 1999 Linguistic Institute held at UIUC

**Texas A&M University (1993-1996)**

Technical Writing (English 301), Instructor

**ADMINISTRATIVE AND PROFESSIONAL SERVICE**

**Service to the Acoustical Society of America**

- Chair of the Speech Communication Technical Committee, 2019-2022
- Member of the Technical Council, ASA, 2019-2022
- Technical Program Organizing committee (Fall 21, Spring 22)
- Student poster competition organization committee
- Member of the Acoustical Society of America Committee on International Research and Education (CIRE), 2019-2022
- Faculty participant in the Students Meet Members for Lunch program at the Acoustic Society of America Meetings, 2017-present

**National**

Reviewing (when reviewing multiple times the date is date of first request):

- Organizing special session “Clear Speech(es) Across People, Places, and Time” at the 184<sup>th</sup> Meeting of the Acoustical Society of America. Chicago, IL. May 2023.
- Participating in the national Letters to a Pre-Scientist program which pairs students from underfunded schools with STEM professionals for a yearlong pen pal program (<https://prescientist.org/>), 2022-23
- Book proposal review for Wiley Blackwell: Phonetics Experiments: A Guide for Speech Scientists, by Henning Reetz and Allard Jongman.
- TPOM organizing committee for the ASA 2018 Victoria and 2019 Louisville meeting
- Community outreach: UT Sound Lab participation in the Explore UT 2018



- Community outreach: participation in the 2016 Bilingual STEAM Event organized by Think Bilingual Austin.
- Speech Perception session chair at the Acoustic Society of America Meeting June 2017; 2018
- Participated in the Students Meet Members for Lunch at the 2018 spring and 2017 fall Acoustic Society of America Meetings
- Student poster judge at the 2018 spring and 2017 fall Acoustic Society of America Meetings
- Member of the Programme Committee of the 9<sup>th</sup> Speech Prosody (SP9) conference 2018-2019
- Review applications for the American Speech-Language-Hearing Foundation's Graduate Student Scholarship competition. 2016
- Associate Editor for the *Journal of the Acoustical Society of America-Express Letters*. 2015-2018
- Member of the scientific committee for Laboratory Phonology 15 Meeting. 2015-2016
- Member of the scientific committee for the Research in Speech meeting, Zagreb, Croatia. 2015-2016.
- *Ad-hoc Associate Editor for Journal of Speech, Language, and Hearing Research*, 2014
- *Ad-hoc journal reviewing* (year indicates first review):
  - *Language and Speech*, 2014
  - *Ear and Hearing*, 2013
  - *Journal of Memory and Language*, 2012
  - *Journal of Laboratory Phonology*, 2004
  - *Language and Cognitive Processes*, 2010
  - *Journal of the Acoustical Society of America*, 2005
  - *Journal of Speech, Language, and Hearing Research*, 2006
  - *Journal of Phonetics*, 2007
  - *Language and Speech*, 2005
  - *Issues in Applied Linguistics*, 2004
  - *Speech Communication*, 2004
  - *Applied Psycholinguistics*, 2006
  - *Journal of East Asian Linguistics*, 2004
- *Grant reviewing*:
  - National Science Foundation: Division of Behavioral and Cognitive Sciences; Linguistics Program 2009, 2014, 2015
- *Conference reviewing*:
  - Laboratory Phonology 9 & 13, 2004, 2012
  - AATSEEL (American Association of Teachers of Slavic and Eastern European Languages), 2009

- FASL 17 (Formal Approaches to Slavic Linguistics), 2008
- *Edited Volume Paper Reviewing*
  - Interactions in Phonetics and Phonology (selected papers of the 3rd Conference Phonetics and Phonology in Iberia), 2007
  - Laboratory Phonology 9, 2004
  - Probus Special Issue on Intonation, 2002
- *Textbook reviewing:*
  - *Fromkin, V. and Rodman R. An Introduction to Language*, 2004
- *Conference Organization*
  - Session chair at the 2017 Acoustical Society of America Meeting. Boston, MA.
  - Participated in the Students Meet Members program at the ASA meetings 2015-present
  - Judging the Speech Communication student poster competition at the Acoustical Society of America meetings 2010-present
  - Session chair at the 170th Meeting of the Acoustical Society of America, Jacksonville, FL, 2-6 November 2015
  - Special session organizer for ASA Meeting: *Variability in Speech Intelligibility: Behavioral and Neural Perspectives*, 2013
  - Program Committee member for the 13th Conference on Laboratory Phonology, 2012
  - Speech Communication Technical Committee member, Acoustical Society of America, 2008-2013
  - Scientific Review Committee member for Speech Prosody, 2010
  - Technical program organizing committee member for the Acoustical Society of America meeting, 2009
  - Organizing committee member for the Tenth Annual Mid-Continental Workshop in Phonology, 2004

### **University of Texas at Austin**

- Undergraduate faculty advisor, 2023-present
- Linguistic colloquium: Organized a series of virtual colloquia on linguistic bias and discrimination
- Minority Liaison Officer
- Social Justice in Linguistics Committee
- Fellowships committee chair, 2016-2017; member 2017-18.
- Student Affairs Faculty Committee, 2016-2018
- Organized Undergraduate Research in Linguistics table for the UT Research Week. 2015, 2016, 2017, 2018.

- Participation in the Linguistics Undergraduate Research Workshop, 2015, 2016, 2017, 2018.
- Participation in the Liberal Arts Council's Taco'bout Research, 2016
- Linguistics focus group for revising undergraduate curriculum, Fall 2016
- Reviewer for the UT Research Grant (RG) Program from the Office of the Vice President for Research, 2014-2015
- Executive Committee member, Department of Linguistics, 2012-2013; 2014-2015; 2017-18.
- Restructuring graduate curriculum committee, 2014-2015
- Linguistics Department subject pool founder and coordinator, 2011-present
- Director of the Phonetics Lab, 2008-present
- Graduate Student Admissions Committee member, 2010-11, 2011-12
- Faculty search Committee member: Linguistics, 2008-2009, 2011-2012
- Linguistics Colloquium Committee member, 2008-2014
- Linguistics Fellowship Committee member, 2011-12, 2012-13
- Graduation Ceremony Volunteer, 2010, 2012, 2014
- Chair, Undergraduate Research Symposium, Linguistics session, 2011
- Session chair, Spanish LabPhon, Department of Spanish and Portuguese, 2009

#### **Other service**

- Coordinator, Phonatics Discussion Group, Northwestern University, 2007, 2008
- Manager, Speech Communication Research Lab, Northwestern University, 2006
- Mentor, Undergraduate Research Program (NSF funded); Culture, Language and Cognition, Northwestern University, 2005
- Graduate Assistant, Southeastern Conference on Linguistics, 1995
- Graduate Editor, LINGUIST Network, 1995-1996

#### **Other evidence of merit or recognition**

- Nominated Jailyn Pena for the 2018 Dean's Distinguished student (honorable mention)
- Nominated a research assistant from my lab, Maria Gavino, for the 2017 Dean's Distinguished student (honorable mention)
- Nominated Michelle DuBois, undergraduate research assistant in UTSoundLab, for the 2016 Dean's Distinguished student (awarded)
- Nominated for the 2016 Acoustical Society of America Student Council Mentor Award (not awarded)
- Nominated for the 2016 Liberal Arts teaching award by the department of Linguistics (not awarded)
- Faculty Research Assignment: Spring 2016.

- Affiliate faculty member of the Center for Russian, East European and Eurasian Studies, 2015-present
- Courtesy appointment in Communication Sciences and Disorders Department, 2014-present
- Best TA in the Slavic Department, 1996, 1997, University of Illinois (UIUC)
- List of Teachers Ranked as Excellent, 1997, 1998, 2001, 2002, University of Illinois (UIUC)
- Silver Jubilee Award as Outstanding Teaching Assistant in Linguistics, 2001, University of Illinois (UIUC)
- Graduate College Conference Travel Grant, 2001, 2000, University of Illinois (UIUC).
- National Institute on Deafness and Other Communicative Disorders (NIDCD) and American Speech-Language-Hearing Association (ASHA) travel stipend to participate in the 4th Annual Research Conference: Lessons for Success, 2006
- Letter of recognition: Services for Students with Disabilities Award, 2011, University of Texas at Austin