

Jennifer M. Roche
Curriculum Vitae
2017

CONTACT INFORMATION

Position:

Assistant Professor
Speech Pathology & Audiology
School of Health Sciences
College of Education, Health, and Human Services
Kent State University

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jroche3@kent.edu
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EDUCATION

- 2011-13 CLS Postdoctoral Fellow, Brain & Cognitive Sciences, University of Rochester
- 2011 Ph.D., Cognitive Psychology, University of Memphis
- 2007 M.A., Cognitive Psychology, James Madison University
- 2004 B.A., Psychology, University of Nevada, Las Vegas

SUBMITTED RESEARCH GRANTS, FELLOWSHIPS, & SCHOLARSHIPS

External Grants & Fellowships

- 2017* National Science Foundation - REU, Title: [The Technology of Communication Sciences Research](#); Role: contributor (PIs - Lisa Audet & Ruth Washington)
- 2017* National Science Foundation - Perception, Action, & Cognition, Title: [Tit-for-Tat: The socio-pragmatic effects of speaker ambiguity on listener comprehension effort](#); Role: Principal Investigator (under review; requested amount \$863,417)
- 2016* ASHA - Grant Program for Projects on Multicultural Activities, Title: [Exploring careers in speech language pathology & audiology: Changing the face of the profession](#); Role: Co-Investigator, with Lisa Audet (PI), Amy Vaughn and Mark Krumm (Co-Is; not awarded)
- 2011-13 2 year - Center for Language Sciences NIH Postdoctoral Fellowship Training Grant to Michael K. Tanenhaus (~\$78,000) – Fellowship Accepted
- 2011 National Research Council, Navy Research Labs: Intelligent Systems Division, Research Associate Award (\$74,872) Title: Action Dynamics of Procedural Errors – Awarded, but Declined

Internal Grants

- 2017* Kent State University, University Research Council, [Travel Award](#) (awarded; \$750)
- 2016* Kent State University, EHHS, [EHHS SEED Grant](#) (awarded, August 2016; \$5,000)

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- 2016* Kent State University, University Research Council, [Travel Award](#) (awarded; \$750)
- 2016* Kent State University, University Research Council, [Under 500](#) (awarded; \$499)
- 2015* Kent State University, University Research Council, [Under 500](#) (awarded; \$499)
- 2015* Kent State University, University Research Council, [Research/Scholarly Activity Support](#) (not awarded)
- 2015* Kent State University, Research and Sponsored Programs, [Intramural Summer Research & Creative Activity](#) (not awarded)
- 2014* Kent State University, Research and Sponsored Programs, [Intramural Summer Research & Creative Activity](#) (not awarded)

NEW PROJECTS (under development)

- *Roche, J. M. (in preparation). The role of feedback and variable penalty on a listener's willingness to attend to an ambiguous talker.
- *Morgan, T. & Roche, J. M. (under development). At first glance: Can we change implicit bias and stereotypical thinking?
- *Peters, B. J., Roche, J. M., & Jamieson, J. P. (under development). What do our lexical choices say about relationship stability with our romantic partners?

MANUSCRIPTS

Nearing Submission

- * Wolpert, D., Fissel, S., & Roche, J. M. (*nearing submission*). Predictors of reading proficiency by non-native readers of English: A principal component analysis.
- * Paxton, A^o, Roche, J. M., & Tanenhaus, M. K. (*nearing submission*). Two to Tangle: Conceptualizing Miscommunication as a Dyadic Process.
- * Roche, J. M.^o, Paxton, A^o, Ibarra, A., & Tanenhaus, M. K. (*nearing submission*). Communication breakdown prompts readjustment of informativeness.
- * Fissel, S. N., Roche, J. M., Jones-Huyck (*nearing submission*). An eye-blinking paradigm to index attentional demand: A proof of principle study. (student paper; submitted to Research in Autism Spectrum Disorder; acceptance rate not listed)
- * Roche, J. M. (*nearing submission*). L1 and L2 English speakers use of intonational punctuation as a marker of affect to emotionally converge during texting.

Under Review

- * Roche, J. M. & Arnold, H. (*under review*). The effect of emotion suppression on language production and planning.
- * Wu, P., Yen, K. & Roche, J.M. (*under review*). Impact of affective speech production on physiological arousal as a function of affective valence and language proficiency in Chinese ESL learners.
- * Roche, J. M., Fissel, S. N., & Bryndel, K. (*under review*). Fake it til you make it: Female speakers adapt vocal confidence under social pressure, and listeners sometimes believe them.

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Peer-Reviewed Publications

- *Reynolds, K., Casarotto, B., Noviski, S. & Roche, J. M. (2017). [Using punctuation as a marker of sincerity and affective convergence during texting](#). In G. Gunzelmann, A. Howes, T. Tenbrink, & E. J. Davelaar (Eds), Proceedings of the 39th Annual Conference of the Cognitive Science Society (pp. 2986-2991). Austin, TX: Cognitive Science Society.
- * Craycraft, N.[°], Kriegel, Z.[°], Tanenhaus, M. K., & Roche, J. M. (2016). [Tit-for-tat: Effects of feedback and speaker reliability on listener comprehension effort](#). In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), Proceedings of the 35th Annual Conference of the Cognitive Science Society. Austin, TX: Cognitive Science Society.
- * Paxton, A.[°], Roche, J. M.[°], & Tanenhaus, M. K. (2015). [Communicative efficiency and miscommunication: The costs and benefits of variable language production](#). In R. Dale, C. Jennings, P. Maglio, T. Matlock, D. Noelle, A. Warlaumont, & J. Yoshimi (Eds.), Proceedings of the 37th Annual Meeting of the Cognitive Science Society. Austin, TX: Cognitive Science Society.
- * Roche, J. M., Peters, B. J., & Dale, R. (2015). [“Your tone says it all”: The processing and interpretation of affective language](#). *Speech Communication*, 66, 47-64.
- Paxton, A., Roche, J. M., Ibarra, A., & Tanenhaus, M. K. (2014). Failure to (mis)communicate: Linguistic convergence, lexical choice, and communicative success in dyadic problem solving. In P. M. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), Proceedings of the 36th Annual Meeting of the Cognitive Science Society. Austin, TX: Cognitive Science Society.
- Roche, J. M., Paxton, A., Ibarra, A. & Tanenhaus, M. (2013). From minor mishap to major catastrophe: Lexical choice in miscommunication. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), Proceedings of the 35th Annual Conference of the Cognitive Science Society. Austin, TX: Cognitive Science Society.
- Roche, J. M., Dale, R., & Caucci, G. (2011) Doubling up on double meaning: Pragmatic alignment. *Language and Cognitive Processes*, 27(1), 1-24.
- Dale, R., Duran, N.D., & Roche, J. M. (2011). Action dynamics in language processing. In R.K. Mishra & N. Srinivasan (Eds.). *Language-Cognition Interface: State of the Art*. LINCOM Europa.
- Hall, M.D., Beauchamp, J.W., Horner, A.B., & Roche, J. M. (2010). Importance of spectral detail in musical instrument timbre. Proceedings of the 11th annual meeting of the International Conference of Music Perception and Cognition. Seattle, WA.
- Roche, J. M., Dale, R., & Kreuz, R. (2010). The avoidance of ambiguity during conversation: More than mere priming or mimicry? In S. Ohlsson, & R. Catrambone (Eds.), Proceedings of the 32nd Annual Conference of the Cognitive Science Society. Austin, TX: Cognitive Science Society.
- Roche, J. M., Dale, R., & Caucci, G. (2009). Pragmatic alignment: The coordination of ironic statements in pseudo-interaction. In N. A. Taatgen, & H. van Rijn (Eds.), Proceedings of the 31st Annual Conference of the Cognitive Science Society. Austin, TX: Cognitive Science Society.
- Dale, R., Roche, J. M., & Duran, N. (2008). Language is complex. *International Journal of Psychology and Psychological Therapy*, 8(3), 351-362.
- Dale, R., Roche, J. M., Snyder, K., & McCall, R. (2008). Exploring action dynamics as an index of paired associate learning. *Plos One*, 3(3), e1728, 1-10.

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PRESENTATIONS

- *Roche, J. M.[°] (2017, November). Is intonation in conversation contagious? Invited oral presentation to the Department of Psychology at Cleveland State University, Cleveland, OH.
- *Roche, J. M.[°] (2017, January). The role of miscommunication & reciprocity in discourse. Invited oral presentation to the Psychological Sciences Program at James Madison University, Harrisonburg, VA.
- *Roche, J. M.[°] (2017, April). Reciprocity & cooperation: The effect of ambiguous language on listener comprehension effort. Invited oral presentation to the Speech-Language Pathology department at Midwestern University - Glendale, AZ.
- *Roche, J. M.[°] (2017, April). Introduction to R and R Studio - A tutorial. Invited oral presentation to the College of Health Sciences at Midwestern University - Glendale, AZ.
- *Roche, J. M.[°] & Sidney, P.[°] (2017, April). Introduction to R and R Studio: Linear Mixed Effects Models - Part II. Invited oral presentation to the Educational Psychology Laboratory. Kent, OH.
- *Roche, J. M.[°] & Hammrick, P.[°] (2016, November). Introduction to R and R Studio: Linear Mixed Effects Models - Part I. Invited oral presentation to the Educational Psychology Laboratory. Kent, OH.
- *Fissel, S. N.[°] & Roche, J. M.[°] (2016, November). Did you blink? The cost of shifting to social stimuli. Invited oral presentation to the annual meeting of the ASHA convention. Philadelphia, PA.
- *Fissel, S. N.[°] & Roche, J. M.[°] (2016, April). Did you blink? The cost of shifting to social stimuli. Invited oral presentation to the annual meeting of the OSLHA convention. Philadelphia, PA.
- *Vaughn, A. L.[°] & Roche, J. M.[°] (2016, October). Time to care in the clinical education triad. Invited oral presentation to the 9th meeting of Congress Self-Learning. Angers, France.
- *Roche, J.M. (2016, April). Your tone says it all: The processing and interpretation of intent. Invited oral presentation to the Linguistics Pro-Seminar at Pennsylvania State University. State College, PA.
- *Kriegel, Z., Craycraft, N. & Roche, J.[°] (2016, March). Tit for tat: Effects of feedback and speaker reliability on comprehension effort. Poster presented at the 3rd Annual Meeting of the Kent State University, Undergraduate Research Symposium. Kent, OH.
- *Roche, J. & Fissel, S. N. (2015, November). Knowledge and acoustics interact to facilitate the perception of vocal confidence. Poster presented at the 14th Annual Meeting of the Auditory Perception, Cognition, and Action Meeting, Chicago, IL.
- *Paxton, A.[°], Roche, J.[°], & Tanenhaus, M. K. (2015, July). [Communicative efficiency and miscommunication: The costs and benefits of variable language production](#). Poster presented at the 37th Annual Meeting of the Cognitive Science Society, Pasadena, CA.
- *Duchi, K., Kristoff, A., Fissel, S., & Roche, J. (2015, July). [Acoustic correlates of speaker confidence: Can they tell I don't know?](#) Poster presented at the 37th Annual Meeting of the Cognitive Science Society, Pasadena, CA.
- *Duchi, K., Kristoff, A., Fissel, S., & Roche, J. (2015, April). [Acoustic correlates of speaker confidence: Can they tell I don't know?](#) Poster presented at the 30th Annual Meeting of the Graduate Student Research Symposium, Kent State University, Kent, OH.
- *Roche, J., M., (2014, September). "Wait, what?" Cognitive mechanisms of (Mis) communication. Oral presentation at the Cognitive Psychology Fall Semester Brownbag Meeting. Kent State University, Kent, OH.

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- *Roche, J., M., (2014, September). Tit for tat: The effect of speaker reliability on discourse processing. Oral presentation at the Speech Pathology and Audiology Fall Semester Brownbag Meeting. Kent State University, Kent, OH.
- Roche, J., M., Paxton, A., Ibarra, A., & Tanenhaus, M. K. (2014, May). (Mis)Communication, Ambiguous Lexical Choices, and Perspective Taking in Dyadic Tasks. Oral presentation presented at the 3rd annual Miscommunication workshop, Queen Mary, University of London, London: UK.
- Salverda, A. P., Brown, M., & Roche, J. M. (2013, November). Exploring the attentional demands of whispered speech. Poster presentation to be presented at the Auditory Perception, Cognition, and Action Meeting. Toronto, Ontario, Canada.
- Roche, J. M. (2013, May). “Wait, what?” Pragmatic cues to successful and unsuccessful communication. Invited oral presentation at University of Wisconsin, Parkside. Kenosha, WI.
- Roche, J. M. (2012, March). Communication Breakdown Induces Audience Design Strategies. Poster presented at the 25th Annual Meeting of the CUNY: Human Sentence Processing Conference. New York, NY.
- Roche, J. M. & Dale, R. (2012, November). The Influence of Talker Variability on the Interpretation of Pragmatic Intent. Oral presentation presented to the Auditory Perception, Cognition and Action Meeting, Minneapolis, MN.
- Roche, J.M. & Dale, R. (2011, April). “Your tone says it all”: Language production, perception and actions. Oral presentation presented at Navy Research Laboratories.
- Roche, J. M., Dale, R., & Kreuz, R. (2010, November). Don’t rush the navigator: Disambiguation strategies require cognitive flexibility. Poster presented at the 51st annual meeting of the Psychonomics Society, St. Louis, MO.
- Roche, J. M., Mills, C., Booker, E. & Dale, R. (2010, November). Who I am, what I say, and how I say it: The effects of talker variability on affective language. Oral presentation presented at the 9th Annual Meeting of the Auditory Perception, Cognition and Action Meeting, St. Louis, MO.
- Roche, J. M. & Dale, R. (2010, August).”That’s what she said”: The effect of emotional prosody on the interpretation of intent. Poster presented at the 32nd Annual Meeting of the Cognitive Science Society, Portland, OR.

TEACHING

*SPA 64600	Research Methods
*SPA 44111	Neural Processes
*SPA 64500	Normal Processes
*SPA 84096	Independent Study (1)
*SPA 40096	Independent Study (6)
*SPA 30096	Individual Honors Work (3)
PRECOL	Psychology of Conversation
BCS 152	Language & Psycholinguistics
BCS 172	Mind, Brain, & Development (taught 4 times)

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BCS 265	Language Use & Understanding
BCS 310	Senior Seminar: Graduate School Prep & Joint Action
PSYC 3304	Perceptual Psychology

SERVICE

University

- *2017 McNair Mix & Mingle
- *2016 S.U.R.E Fellowship Mentor
- *2015 Graduate Student Research Symposium Judge
- *2015-16 Undergraduate Student Research Symposium Judge
- *2015-16 KSU Senior Preview (volunteer)
- *2015-16 KSU Open House (volunteer)
- *2014-16 Commencement — Faculty Attendance (3 times)

School & College

- *2016-17 EHHS Diversity Committee (no meetings held)
- *2016 EHHS Student Awards Ceremony SPA Runner
- *2016 New Faculty Orientation Panel Member: Starting up a research lab
- *2015 EHHS Student Awards Ceremony SPA Presenter (with Dr. Anna Schmidt)
- *2014-17 School of Health Sciences Curriculum Committee (SPA representative)

Program

- *2017 Alumni Scholarship Committee
- *2016 SPA Faculty Search Committee
- *2016 Undergraduate Curriculum Committee (Ad hoc research committee)
- *2014-16 Diversity Recruitment Committee Member
- *2014-16 Doctoral Student Recruitment Committee Member
- *2014-16 Invited speaker to the NSSLHA meeting (Fall 2014 & 2015, Topic: Graduate School)
- *2014-17 SPA brownbag co-organizer: Monthly meetings with graduate students and faculty to discuss the current state of active research within the department.

Advising

- *2017 Sophomore Advising
- *2017 Doctoral Committee Co-Chair (w/ Dr. Bradley Morris — student: Anna Martin)
- *2017 Thesis Committee Co-Chair (w/ Dr. Sloane Burgess — student: Christine Suh)
- *2016 Graduate Student Advising (SPA Masters program, 2 students)
- *2015-16 Honors Project (2 students, Fall 2015, Spring 2016)

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- *2015-16 Independent Study - 4 students (3 semesters)
- *2014-16 Undergraduate Sophomore advising
- *2015-16 Doctoral Committee Member (Mike Eskenazi & Schea Fissel; 1 Defense, 2 Prospectus)

Professional

- *2016 National Science Foundation - Panel Reviewer, (10 grants - 5 Primary, 5 Scribe) - Perception, Action, Cognition Program Panel
- *2016 Book Chapter (reviewer)
- *2009-16 Reviewer for 11 Journals: *Language & Social Interaction, *Plos One, *Frontiers in Psychology, *Cognitive Science Society, *Behavior Research Methods, *Cognitive Science, *Language and Cognition, *Communication Disorders Quarterly, *Discourse Processes, Journal of Educational Psychology, FLAIRS (Florida Artificial Intelligence Research Society)

Student Committee Service

Doctoral Dissertations

- Schea Fissel, Title: Group Adapted Shared Reading: An Emergent Literacy Intervention For Children with ASD (**Committee Member**)
- Anna Martin, Title: Impact of Instructor Qualities in Higher Education Online Course (**Co-Director**, defended Fall 2017)
- Mike Eskenazi, Title: Word Skipping and Parafoveal Semantic Activation During Reading (**Committee Member**; defended Summer 2016)

Master's Theses

- Christine Suh, Title: Cultural Miscommunication in L1 Versus L2: How Do Listeners Respond? (**Co-Director**)
- Ashley Ferguson, Title: Social Perceptions of Speech Disfluencies (**Co-Director**)

PROFESSIONAL MEMBERSHIPS

- 2007- Cognitive Science Society
- 2015 Association for Psychological Sciences

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