

# CHAD S. ROGERS | CURRICULUM VITAE

Department of Psychology  
Union College  
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## EDUCATION

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- 2010**      **Ph.D. in Psychology**  
*Washington University (St. Louis, MO)*  
Division of Brain, Behavior, and Cognition  
Division of Aging and Development  
Advisor: Larry L. Jacoby, Ph.D.  
Dissertation title: “Reducing false hearing in the elderly: variability training in meta-audition.”
- 2008**      **M.A. in Psychology**  
*Washington University (St. Louis, MO)*
- 2004**      **B.S. in Psychology**  
*The University of Florida (Gainesville, FL)*
- 2004**      **B.A. in Linguistics**  
*The University of Florida (Gainesville, FL)*

## PUBLICATIONS \* indicates mentee author.

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- **Rogers, C.S., & Pelle, J.E.** (submitted). Interactions between audition and cognition in hearing loss and aging. In: *The Auditory Cognitive Neuroscience of Speech Perception* (Springer Handbook of Auditory Research) (Holt and Lotto, eds). Springer. Pre-print available at <https://psyarxiv.com/d2bxw>
- **Rogers, C.S., Payne, L., \*Maharjan, S., Sekuler, R., Wingfield, A.** (2018). Older adults show impaired modulation of attentional alpha oscillations: Evidence from dichotic listening. *Psychology and Aging, 33*(2), 246-258.
- \*Koeritzer M., **Rogers, C.S., Van Engen, K., & Pelle, J.E.** (2018). The impact of age, background noise, semantic ambiguity, and hearing loss on recognition memory for spoken sentences. *Journal of Speech, Language, and Hearing Research, 61*(3), 740-751.
- **Rogers, C.S.** (2017). Semantic priming, not repetition priming, is to blame for false hearing in older adults. *Psychonomic Bulletin & Review, 24*(4), 1194-1204.
- Payne, L., **Rogers, C. S., Wingfield, A., & Sekuler, R.** (2017). A right-ear bias of auditory selective attention is evident in alpha oscillations. *Psychophysiology, 54*(4), 528-535

- \*Ward, C.M., **Rogers, C.S.**, Van Engen, K.J., Peelle, J.E. (2016) Effects of age, acoustic challenge, and verbal working memory on recall of narrative speech. *Experimental Aging Research*, 42, 126–144.
- **Rogers, C.S.**, & Wingfield, A. (2015). Stimulus-independent semantic bias misdirects word recognition in older adults. *Journal of the Acoustical Society of America*, 138(1), EL26-EL30.
- Sommers, M.S., \*Morton, J., **Rogers, C.S.** (2014). You’re not listening to what I said: False hearing in young and older adults (pp. 269-284). In D.S. Lindsay (Ed.), *Remembering: Attributions, Processes, and Control in Human Memory*. New York, NY: Psychology Press,
- \*Lash, A., **Rogers, C.S.**, Zoller, A., & Wingfield, A. (2013). Expectation and entropy in spoken word recognition: effects of age and hearing acuity. *Experimental Aging Research*. 39(3), 235-253.
- **Rogers, C.S.**, Jacoby, L.L., & Sommers, M.S. (2012). Frequent false hearing in older adults: the role of age differences in metacognition. *Psychology and Aging*, 27(1), 33-45. doi: 10.037/a0026231
- Jacoby, L.L., **Rogers, C.S.**, Bishara, A., & Shimizu, Y. (2012) Mistaking the recent past for the present: false seeing by older adults. *Psychology and Aging*, 27 (1), 22-32. doi:10.137/a0025924
- Jacoby, L. L., Wahlheim, C. N., Rhodes, M. G., Daniels, K. A., & **Rogers, C. S.** (2010). Learning to diminish the effects of proactive interference: Reducing false memory for younger and older adults. *Memory & Cognition*. 38(6), 820-829.
- Lambert, A.L., Nesse, L., Jacoby, L.L., & **Rogers, C.S.** (2009). “How Does Collective Memory Create a Sense of the Collective?” In P. Boyer and J.V. Wertsch (Eds.) *Memory in Mind and Culture*. Cambridge University Press. New York, New York

## ACADEMIC POSITIONS

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<b>Present</b>	<b>Assistant Professor</b> <i>Union College (Schenectady, NY)</i> Department of Psychology
<b>2015-2018</b>	<b>Staff Scientist</b> <i>Washington University School of Medicine (St. Louis, MO)</i> Department of Otolaryngology Peelle Lab Sponsor: Jonathan Peelle, Ph.D.
<b>2014-2015</b>	<b>Postdoctoral Research Associate</b> <i>Washington University School of Medicine (St. Louis, MO)</i> Department of Otolaryngology Peelle Lab Sponsor: Jonathan Peelle, Ph.D.
<b>2011-2014</b>	<b>Postdoctoral Research Fellow</b> <i>Brandeis University (Waltham, MA)</i> Volen National Center for Complex Systems

Memory and Cognition Laboratory  
Sponsor: Arthur Wingfield, Ph.D.

**2011**      **Postdoctoral Research Fellow**  
*Washington University (St. Louis, MO)*  
Department of Psychology  
Aging, Memory, & Cognitive Control Laboratory  
Sponsor: Larry L. Jacoby, Ph.D.

## AWARDS & HONORS

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- Student Travel Scholarship Award, Aging and Speech Communication Conference – Indiana University, 2015
- Dana Foundation Fellowship in Neuroscience – Washington University, 2014-2015
- 1<sup>st</sup> Place, Poster Competition, Volen National Center for Complex Systems Annual Retreat, October 2013, Provincetown, MA.
- Student Travel Scholarship Award, Aging and Speech Communication Conference – Indiana University, 2013
- Postdoctoral Fellowship in Quantitative Neuroscience – Brandeis University, 2011-2013
- James S. McDonnell Fellowship – Washington University, – Spring 2011
- University Dissertation Fellowship: Dean’s Dissertation Fellowship - Washington University, 2009-2010
- Selected to attend APA Workshop for Web-Based Research, Iowa State University, 2007
- Student Travel Grant to Attend Washington University Study Abroad Program in The Republic of Georgia and Azerbaijan, 2007.
- University Research Fellowship - Washington University, Summer 2005
- University Graduate Fellowship Award - Washington University, 2004
- Selected to attend APA Summer Science Institute, Columbia University, 2002

## TEACHING EXPERIENCE

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**Fall 2018**                      **Instructor**  
The Psychology of Language  
*Union College (NY), Department of Psychology*

**Spring 2018**                      **Instructor**  
Experimental Psychology  
*Washington University in St. Louis, Department of Psychology*

**Fall 2016**                        **Instructor**  
Introduction to Cognitive Neuroscience  
*Washington University in St. Louis, Department of Psychology*

**Fall 2015**                        **Guest Instructor (4 lectures)**  
Introduction to Cognitive Neuroscience  
*Washington University in St. Louis, Department of Psychology*

- Spring 2015**      **Instructor**  
Principles of Psychology  
*Lindenwood University, Department of Psychology*
- Fall 2014**      **Guest Lecturer**  
Introduction to Linguistics  
*Washington University in St. Louis, Department of Psychology*
- Summer 2010**      **Instructor**  
Introduction to Psychological Statistics  
*Washington University in St. Louis, Department of Psychology*
- Summer 2009**      **Instructor**  
Introduction to Psychology  
*Washington University in St. Louis, Department of Psychology*
- Spring 2009**      **Guest Lecturer**  
Graduate Seminar in Metacognition, Awareness, and Cognitive Control  
*Washington University in St. Louis, Department of Psychology*
- Spring 2008**      **Graduate Teaching Assistant**  
Introduction to Linguistics  
*Washington University in St. Louis, Department of Psychology*
- Fall 2007**      **Graduate Teaching Assistant**  
Cognitive Psychology  
*Washington University in St. Louis, Department of Psychology*
- Summer 2007**      **Graduate Teaching Assistant**  
Seminar in Memory in Mind and Culture  
Washington University Study Abroad Program in  
Tbilisi, Georgia and Baku, Azerbaijan
- Fall 2006**      **Graduate Teaching Assistant**  
Introduction to Psychology  
*Washington University in St. Louis, Department of Psychology*

## PEDAGOGICAL TRAINING

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- Fall 2018**      Union College New Faculty Bootcamp
- Summer, 2009**      Washington University Teaching Center Orientation and Training for Teaching Assistants
- 2006 - 2008**      Washington University Teaching Center Workshops on Preparing and Delivering Effective Lectures and Leading Discussions

## TALKS AT NATIONAL CONFERENCES

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- **Rogers, C.S.**, Jacoby, L.L., Bishara, A.J., Shimizu, Y., & Amichetti, N. (2012). The False Seeing Effect in Older Adults: Age Differences in Monitoring and Control of Vision. Seventh Bi-Annual Meeting of the International Association for Metacognition. November 15, 2012. Minneapolis, MN.
- **Rogers, C.S.**, Jacoby, L.L., Sommers, M.S., & Wingfield, A. (2012). Age-related Changes in Flexible Listening: Studies on Meta-Audition and the False Hearing Effect. 53<sup>rd</sup> Annual Meeting of the Psychonomic Society. November 15-18, 2012. Minneapolis, MN.
- **Rogers, C.S.**, Jacoby, L.L., & Sommers, M.S. (2011). False Hearing: Age-related changes in meta-audition. 10<sup>th</sup> Annual Auditory Perception, Cognition, and Action Meeting. November 3, 2011. Seattle, WA.
- **Rogers, C.S.**, Jacoby, L.L., & Sommers, M.S. (April, 2010). Aging, Context, and the Subjective Experience of Hearing. Presented at Annual Meeting of the Midwestern Psychological Association. Chicago, Illinois.
- **Rogers, C.S.** (2009). Measuring Georgian Attitudes toward Foreign Investors to Build a Psychology of the Extreme. International Symposium on Democratic Structures, Democratic Cultures: The Republic of Georgia in Comparative Perspectives. November 12-13, 2009. St. Louis, MO.

## INVITED TALKS

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- Union College, Psychology Visiting Speakers Series, Schenectady, NY 2019
- MRC Brain Sciences Unit, Cambridge, UK 2016
- Beckman Institute, University of Illinois, Urbana, IL 2015
- Vision Laboratory, Brandeis University, Waltham, MA. 2013
- Rotman Research Institute, Baycrest Hospital, Toronto, ON, CA 2012
- Auditory Neuroscience Laboratory, Boston University, Boston, MA. 2012

## POSTERS AT NATIONAL CONFERENCES

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- **Rogers, C.S.**, Noud, B., & Pelle, J.E. (2018). Does Hearing Impairment Affect Lexical Competition? Interactive Effects Between Word Frequency, Neighborhood Density and Hearing Loss on Auditory Lexical Decisions. 18th Annual Auditory Perception, Cognition and Action Meeting. November 15. New Orleans, LA.
- **Rogers, C.S.**, Jones, M.S., McConkey, S.M., Spehar, B., Runge, N., Van Engen, K.J., Sommers, M.S., & Pelle, J.E. (2018). Aging diminishes auditory activation for single spoken words: evidence from fMRI. 10<sup>th</sup> Annual Meeting of the Society for the Neurobiology of Language. August 16-18. Québec City, QC, CA.
- **Rogers, C.S.**, Jones, M.S., McConkey, S.M., Spehar, B., Runge, N., Van Engen, K.J., Sommers, M.S., & Pelle, J.E. (2018). Cortical Speech Processing in Young and Older Adults' Perception of Spoken Words: Evidence from fMRI. Cognitive Aging Conference. May 3-6. Atlanta, GA.

- **Rogers, C.S.**, Jones, M.S., Hampton, J.M., Hoyt Drazen, C., Smyth, M.D., Roland, J., Dosenbach, N., & Peelle, J.E. (2017). Speech Processing with One Hemisphere: Word Repetition in Patients with Right Hemisphereotomy. 9<sup>th</sup> Annual Meeting of the Society for the Neurobiology of Language. November 8-10. Baltimore, MD.
- **Rogers, C.S.**, Koeritzer, M., Van Engen, K.E., & Peelle, J. (2016). Interactive effects of semantic ambiguity, acoustic challenge, and aging on recognition memory for spoken sentences. 57<sup>th</sup> Annual Meeting of the Psychonomic Society. November 17-20, 2016. Boston, MA.
- **Rogers, C.S.**, & Peelle, J.E. (2015). False hearing: Age-related changes in spoken word recognition. 56<sup>th</sup> Annual Meeting of the Psychonomic Society. November 19-22, 2015. Chicago, IL.
- Lee, Y.S., **Rogers, C.S.**, Min, N.E., Wingfield, A., Grossman, M., & Peelle, J.E. (2015). Neural Mechanisms Supporting Successful Speech Comprehension in Normal Aging. The Society for Neuroscience 45<sup>th</sup> Annual Meeting, October 17-21, 2015. Chicago, IL.
- **Rogers, C.S.**, Payne, L., Maharjan, S., Sekuler, R., Wingfield, A. (2015) Alpha power in Young and Older Adults' Attention at a Cocktail Party. 7<sup>th</sup> Annual Meeting of the Society for the Neurobiology of Language. October 15-18, 2015. Chicago, IL.
- **Rogers, C.S.**, & Peelle, J.E. (2015). Does test format matter when testing older adults' false hearing? An examination of two closed-set recognition procedures. Aging and Speech Communication Conference 2015. October 11-14, 2015. Bloomington, IN.
- Peelle, J.E., **Rogers, C.S.**, Ward, C.M., Van Engen, K.E. (2015). Effects of age and acoustic challenge on memory for narrative speech. Aging and Speech Communication Conference 2015. October 11-14, 2015. Bloomington, IN.
- Payne, L., **Rogers, C.S.**, Maharjan, S., Wingfield, A., Sekuler, R. (2015). Older and Younger Adults Can Reduce the Cocktail Party Effect by Listening With the Right Ear. The 22<sup>nd</sup> Annual Meeting of the Cognitive Neuroscience Society. March 28-31, 2015. San Francisco, CA.
- **Rogers, C.S.**, Payne, L., Maharjan, S., Sekuler, R., & Wingfield, A. (2014). Dichotic Listening is Tough, and Only Gets Tougher: Effects of Age and Attention on Dichotic Listening. Auditory Perception, Cognition, and Action Meeting. November 14, 2014. Long Beach, CA.
- Lee, Y.S., Peelle, J.E., **Rogers, C.S.**, Wingfield, A., & Grossman, M. (2014). Neural Correlates of Acoustic and Linguistic Contribution to Listening Effort During Speech Comprehension. The Society for Neuroscience 44<sup>th</sup> Annual Meeting, November 15-19, 2014. Washington, D.C.
- **Rogers, C.S.**, DeCaro, R., & Wingfield, A. (2014). Enough of this Babble! Effects of Age and Context on Online Control of Background Noise Masking. Cognitive Aging Conference. April 3-6, 2014. Atlanta, GA.
- **Rogers, C.S.**, & Wingfield, A. (2013). Bring on the Noise! Subjective Experience and Online Control of Noise are Influenced by Context in Young and Older Adults. 54<sup>th</sup> Annual Meeting of the Psychonomic Society. November 14-17, 2013. Toronto, ON, Canada.
- **Rogers, C.S.**, Jacoby, L.L., Sommers, M.S., Morton, J. R., & Wingfield, A. (2013). Misleading Contexts: Age-Related Changes in Listening Flexibility and the False Hearing Effect. Aging and Speech Communication Conference 2013. October 6-9, 2013. Bloomington, IN.

- Morton, J.R., Jacoby, L.L., **Rogers, C.S.**, & Sommers, M.S. (2013). Frequent False Hearing by Older Adults: The Effects of Predictive Context in Speech Perception. Aging and Speech Communication Conference 2013. October 6-9, 2013. Bloomington, IN.
- **Rogers, C.S.**, Jacoby, L.L., Sommers, M.S., Bishara, A.J., & Shimizu, Y. (2012). Dramatic False Perceptions in Older Adults: Metacognitive Evidence from Audition and Vision. 2012 Cognitive Aging Conference. April 19-21, 2012. Atlanta, GA.
- Lash, A., **Rogers, C.S.**, & Wingfield, A. (2012). Information vs. Entropy: Word recognition in good-and poor-hearing older adults. Cognitive Aging Conference. April 19-21, 2012. Atlanta, GA.
- Lash, A., **Rogers, C.S.**, & Wingfield, A. (2011). A reciprocal relationship between sensory information and probabilistic expectation in spoken word recognition: Evidence from aging. The Society for Neuroscience 41st Annual Meeting, November 12-16, 2011. Washington, D.C.
- **Rogers C.S.**, Jacoby L.L., & Sommers, M.S. (November, 2010). False Hearing: Age Differences in Meta-Audition. 51<sup>th</sup> Annual Meeting of the Psychonomic Society. St. Louis, Missouri.
- **Rogers C.S.**, Jacoby L.L., & Sommers, M.S. (April, 2010). False Hearing: Age Differences in Meta-Audition. Cognitive Aging. Atlanta, Georgia.
- **Rogers C.S.**, Jacoby L.L., & Sommers, M.S. (April, 2008). Hearing What Isn't There: Age and Context in Spoken Word Recognition. Cognitive Aging. Atlanta, Georgia.
- **Rogers C.S.**, Jacoby L.L., & Sommers, M.S. (November, 2006). I've Heard It All Before: Context and Age Effects on the Subjective Experience of Audition. 47<sup>th</sup> Annual Meeting of the Psychonomic Society. Houston, Texas.

## EDITORIAL SERVICE

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- *Ad Hoc Journal Reviewer*, Aging, Neuropsychology, and Cognition
- *Ad Hoc Journal Reviewer*, American Journal of Speech-Language Pathology
- *Ad Hoc Journal Reviewer*, Ear and Hearing
- *Ad Hoc Journal Reviewer*, Experimental Aging Research
- *Ad Hoc Journal Reviewer*, Experimental Brain Research
- *Ad Hoc Journal Reviewer*, Frontiers in Aging Neuroscience
- *Ad Hoc Journal Reviewer*, Frontiers in Human Neuroscience
- *Ad Hoc Journal Reviewer*, International Journal of Audiology
- *Ad Hoc Journal Reviewer*, Journal of the Acoustical Society of America
- *Ad Hoc Journal Reviewer*, Journal of Applied Gerontology
- *Ad Hoc Journal Reviewer*, Journal of Gerontology: Psychological Sciences
- *Ad Hoc Journal Reviewer*, Journal of Speech-Language Hearing Research
- *Ad Hoc Journal Reviewer*, Language and Linguistics Compass
- *Ad Hoc Journal Reviewer*, Memory
- *Ad Hoc Journal Reviewer*, Psychology and Aging
- *Ad Hoc Journal Reviewer*, Quarterly Journal of Experimental Psychology

## PROFESSIONAL ACTIVITIES AND MEMBERSHIPS

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### Memberships:

American Psychological Association  
American Psychological Society  
Charles River Association for Memory  
Midwestern Psychological Society  
International Association for Metacognition  
Psychonomic Society  
Society for the Neurobiology of Language

## GRANT SUPPORT

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- *Staff Scientist*, National Institute on Deafness and Other Communication Disorders, R01 DC014281, “The Neurocognitive Basis of Effortful Listening.” 2015-2020, \$357,201 (Direct Costs)
- *Postdoctoral Researcher*, National Institute on Aging, R01 AG019714\*, renewal. “Hearing Acuity, Cognitive Aging, and Memory for Speech.” 2013-2017. \$179,086 (Direct Costs) (PI: Dr. Arthur Wingfield).
- *Consultant*, National Institute on Aging, R21 AG041958\*. “False Hearing in Young and Older Adults: A Metacognitive Perspective.” 2012-2014. \$141,750 (Direct Costs) (PI: Dr. Mitchell Sommers).

\*indicates NIA priority score of 10 (perfect score).

## UNIVERSITY SERVICE AND COMMUNITY OUTREACH

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- Student Research Symposium & Exposition, Lindenwood University, Faculty Judge, 2015
- Brandeis Psychology Department Undergraduate Research Night, Panelist, 2010-2013
- Brandeis University Life Sciences Postdoc Committee, Organizing Member, 2010-2013
- Brandeis University Life Sciences Special Event Planning Committee, 2012
- Washington University Graduate Student Senate, Senator, 2007 - 2008

## REFERENCES FOR CHAD S. ROGERS

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### **Dr. Jonathan Peelle**

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Washington University School of Medicine  
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### **Dr. Arthur Wingfield**

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Washington University in St. Louis  
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One Brookings Drive  
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**Dr. Larry Jacoby**

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