

# CHAD S. ROGERS | CURRICULUM VITAE

Department of Otolaryngology  
Washington University School of Medicine  
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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.**, Payne, L., \*Maharjan, S., Sekuler, R., Wingfield, A. (submitted). Older adults show impaired modulation of attentional alpha oscillations: Evidence from dichotic listening. *Submitted to Psychology and Aging*.
- \*Koeritzer M., **Rogers, C.S.**, Van Engen, K., & Peelle, J.E. (in press). The impact of age, background noise, semantic ambiguity, and hearing loss on recognition memory for spoken sentences. *Journal of Speech-Language-Hearing Research*.
- **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>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.
<b>2011</b>	<b>Postdoctoral Research Fellow</b> <i>Washington University (St. Louis, MO)</i> 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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**\*\*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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- 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
- Summer, 2005**      Washington University course “Practicum in Teaching Psychology”

## 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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| • 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.,** 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 45th 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. 7th 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., Muharjan, 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 44th 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*, 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**

Volen National Center for Complex Systems  
Brandeis University  
PO Box 549110  
Waltham, MA 02454  
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**Dr. Mitchell Sommers**

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Washington University in St. Louis  
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