

NICHOLAS RICCARDI

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EDUCATION

2016 - present **Ph.D. Candidate**, University of South Carolina
Major: Experimental Psychology
Advisor: Rutvik Desai, Ph.D.

2011 - 2015 **B.A.**, University of South Carolina
Honors: Summa Cum Laude
Major: Experimental Psychology
Secondary Major: Sociology

POSITIONS

2019 - present **Graduate Research Assistant**, Aging Brain Cohort, University of South Carolina. Assist in design and data analysis of neuroimaging and neurophysiological studies of cognition in neurotypical adults.

2016 - present **Graduate Research Assistant**, Desai Lab and Center for the Study of Aphasia Recovery, University of South Carolina. Examine the neural bases of language in healthy and impaired adults.

2016 - 2019 **Teaching Assistant**, Department of Psychology, University of South Carolina. Assist in teaching undergraduate neuroscience and statistics courses.

PEER-REVIEWED JOURNAL ARTICLES

1. Johari, K., **Riccardi, N.**, Malyutina, S., Modi, M., & Desai, R. H. (in press). HD-tDCS of primary and higher-order motor cortex affects action word processing. *Frontiers in Human Neuroscience*.
2. Blackett, D. S., Varkey, J., Wilmskoetter, J., Roth, R., Andrews, K., Busby, N., **Riccardi, N.** ... & Bonilha, L. (in press). Neural Network Bases of Thematic Semantic Processing in Language Production. *Cortex*.
3. Newman-Norlund, R. D., Newman-Norlund, S. E., Sayers, S., McLain, A. C., **Riccardi, N.**, & Fridriksson, J. (in press). Effects of Social Isolation on Quality of Life in Elderly Adults. *PLOS One*.

4. **Riccardi, N.**, Rorden, C., Fridriksson, J., & Desai, R. H. (2022). Canonical sentence processing and the inferior frontal cortex: Is there a connection?. *Neurobiology of Language*, 3(2), 318-344.
5. Johari, K., **Riccardi, N.**, Malyutina, S., Modi, M., & Desai, R. H. (2021). HD-tDCS over motor cortex facilitates figurative and literal action sentence processing. *Neuropsychologia*, 159, 107955.
6. Newman-Norlund, R. D., Newman-Norlund, S. E., Sayers, S., Nemati, S., **Riccardi, N.**, Rorden, C., & Fridriksson, J. (2021). The Aging Brain Cohort (ABC) repository: The University of South Carolina's multimodal lifespan database for studying the relationship between the brain, cognition, genetics and behavior in healthy aging. *Neuroimage: Reports*, 1(1), 100008.
7. **Riccardi, N.**, Yourganov, G., Rorden, C., Fridriksson, J., & Desai, R. (2020). Degradation of Praxis Brain Networks and Impaired Comprehension of Manipulable Nouns in Stroke. *Journal of Cognitive Neuroscience*, 32(3), 467-483.
8. **Riccardi, N.**, Yourganov, G., Rorden, C., Fridriksson, J., & Desai, R. H. (2019). Dissociating action and abstract verb comprehension post-stroke. *Cortex*, 120, 131-146.
9. Desai, R. H., Herter, T., **Riccardi, N.**, Rorden, C., & Fridriksson, J. (2015). Concepts within reach: Action performance predicts action language processing in stroke. *Neuropsychologia*, 71, 217-224.

BOOK CHAPTERS

10. **Riccardi, N.** & Desai, R. H. (in press). Discourse and the brain: Capturing meaning in the wild in *Routledge Handbook of Neurosemiotics*. Abingdon, UK: Routledge
11. Desai, R. H. & **Riccardi, N.** (2022). Cognitive Neuroscience of Language in *Routledge Handbook of Cognitive Linguistics*. Abingdon, UK: Routledge

MANUSCRIPTS CURRENTLY UNDER REVIEW

12. Desai, R. H., Tadiment, U., & **Riccardi, N.** Proper and Common Names in the Semantic System
13. Johari, K., Lai, V. T., **Riccardi, N.**, & Desai, R. H. Temporal Features of Concepts are Grounded in the Time Perception Networks: An EEG Study
14. Nemati, S., Newman-Norlund, R., Stark, B., Sayers, S., Newman-Norlund, S., **Riccardi, N.**,...Fridriksson, J. Age-related Functional Brain Connectivity Associated with Semantic Aspects of Discourse Production

PRESENTATIONS

15. Riccardi, N., Tadimeti, U., & Desai, R. H. (2022). Meet my associates: Neural correlates of free word association measures. Poster presented at *The Society for the Neurobiology of Language*
16. Riccardi, N. (2022). Lexical semantics in the healthy and impaired brain. Invited talk given at the *Institute for Mind and Brain Colloquium*
17. Riccardi, N., Desai, R. H.,...Fridriksson, J. (2021). Neuroanatomical correlates of canonical and noncanonical sentence processing in the aging brain. Slide show presented at *The Society for the Neurobiology of Language*
18. Riccardi, N., Desai, R. H.,...Fridriksson, J. (2021). The relationship between memory and sentence processing in the aging brain. Slide show presented at *The Society for the Neurobiology of Language*
19. Riccardi, N., Rorden, C., Fridriksson, J., Desai, R. H. (2020). Canonical sentence processing in the inferior frontal cortex. Poster presented at *The Society for the Neurobiology of Language*.
20. Riccardi, N. & Desai, R.H. (2019). The anterior temporal lobe in the identification of unique entities. Poster presented at *Executive Functions in Mind and Brain*, Columbia, SC
21. Riccardi, N. & Desai, R.H. (2018). The anterior temporal lobe in the identification of unique entities. Poster presented at *The Society for the Neurobiology of Language*, Quebec City, Canada
22. Riccardi, N., Rorden, C., Fridriksson, J., & Desai, R.H. (2018). A tale of two hubs: A lesion investigation of the anterior temporal lobe and temporo-parietal junction. Poster presented at *The Society for the Neurobiology of Language*, Quebec City, Canada.
23. Riccardi, N. (2018). The anterior temporal lobe and the semantic system: fMRI and lesion evidence. Talk given at the *Presidential Fellows Symposium*, Columbia, SC.
24. Riccardi, N., Rorden, C., Yourganov, G., Fridriksson, J., & Desai, R.H. (2017). Resting state functional connectivity predicts semantic performance. Poster presented at *The Society for the Neurobiology of Language*, Baltimore, MD
25. Riccardi, N. & Desai, R.H. (2015). Actions and Abstractions: A lesion study of word semantics. Poster presented at *Discovery Day Research Fair*, Columbia, SC

SCHOLARSHIPS, HONORS, AND AWARDS

- 2023** **University of South Carolina Breakthrough Scholar**
This award is given to the top 12 graduate students each year, based on research contributions in their field.
- 2022** **University of South Carolina Ralph Tindall Award**
Amount: \$1,000
This competitive award is given each year to the Psychology graduate student with the best record of scholarship.
- 2019** **Department of Defense**
Science Mathematics and Research for Transformation Scholarship Finalist
- 2018** **National Science Foundation**
Graduate Research Fellowship Program
Honorable Mention
- 2016** **University of South Carolina Presidential Fellowship**
Amount: \$32,000
This competitive fellowship is awarded to graduate students with outstanding academic records.
- 2015** **Magellan Scholar Research Grant**
Amount: \$3,000
Co-investigators: Nicholas Riccardi and Rutvik Desai, Ph.D.
Project: "Actions and abstractions: A lesion study of word semantics"

LEADERSHIP EXPERIENCE

- 2018** **Student Representative**, Neuro. Faculty Search Committee
- Evaluated prospective faculty applicants
 - Represented student interests during faculty hiring process

PROFESSIONAL MEMBERSHIPS

- 2017 – present* **Graduate Association for Brain Awareness**
2017 – present **Society for the Neurobiology of Language**
2016 – 2020 **University of South Carolina Presidential Fellows**