

KELSEY N. WILSON (SPALDING), M.A.

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TRAINING

- 2018-2019 **Pre-Doctoral Clinical Internship, Neuropsychology Track**
VA St. Louis Healthcare System, St. Louis, MO
- 2013-2019 **Doctoral Candidate in Clinical Psychology, PhD (Expected)**
University of Iowa; Iowa City, Iowa
Neuropsychology Track
Dissertation: *The neural correlates and temporal dynamics of cued fear generalization*. Defense expected February 2019.
Advisor and Thesis Chair: Daniel Tranel, PhD, ABPP-CN
- M.A., Clinical Psychology**
University of Iowa; Iowa City, Iowa
- 2009-2013 **B.S., Psychology (Summa Cum Laude)**
Truman State University; Kirksville, Missouri
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MANUSCRIPTS

Published

***Spalding-Wilson, K.N., *Guzman-Velez, E., Angelica, J., Wiggs, K., Savransky, A., & Tranel, D (2018).** A novel two-day intervention reduces stress in caregivers of persons with dementia. *Alzheimer's and Dementia: Translational Research and Clinical Interventions*, 4, 450-460.

*co-first author

Spalding, K.N., Schlichting, M., Zeithamova, D., Preston, A.R., Tranel, D., Duff, M. C., & Warren, D.E. (2018). Ventromedial prefrontal cortex is necessary for normal associative inference and memory integration. *Journal of Neuroscience*, 38(15), 2501-2517

Spalding, K.N. (2017). The role of the medial prefrontal cortex in the generalization of conditioned fear. *Neuropsychology*, 31(1), 1-17.

Spalding, K. N., Jones, S. H., Duff, M. C., Tranel, D., & Warren, D. E. (2015). Investigating the neural correlates of schemas: Ventromedial prefrontal cortex is necessary for normal schematic influence on memory. *Journal of Neuroscience*, 35(47), 15746-15751.

In Preparation

Spalding-Wilson, K.N. & Tranel, D. (2018). *Cued fear generalization increases over time in humans*. Manuscript in Preparation.

Spalding-Wilson, K.N., Schlichting, M., Zeithamova, D., Preston, A.R., Tranel, D., Duff, M. C., & Warren, D.E. (2018). *Is once enough? Involvement of the ventromedial prefrontal cortex in single-trial associative inference*. Manuscript in Preparation.

Spalding-Wilson, K. N., Gavarrete- Olvera, A.; Selden, K., Duff, M. C., Tranel, D., & Warren, D. E. (2018). *A look into age and relational memory: using explicit and implicit measures to evaluate relational memory performance in healthy young and older adults*. Manuscript in Preparation.

FELLOWSHIPS AND AWARDS

2017	Ballard-Seashore Dissertation Fellowship
2017	Graduate College Summer Fellowship
2014, 2017	Graduate College Scholarly Excellence Fellowship
2014-2016	Behavioral Biomedical Interface Training Program Graduate Fellowship
2014, 2015	National Science Foundation, Graduate Research Fellowship Program, Honorable Mention

GRANTS

2017	Fraternal Order of Eagles Research Grant <i>Improving our understanding of anxiety in Alzheimer's disease</i>
2016	Graduate Student Senate Travel Grant
2014	Graduate & Professional Student Government Travel Award

SELECTED CONFERENCE PRESENTATIONS

Spalding-Wilson, K.N., Guzman-Velez, E., Angelica, J., Wiggs, K., Savransky, A., & Tranel, D (Anticipated 2019, February). *A novel, brief intervention reduces stress in caregivers of individuals with dementia.* Paper will be presented at the International Neuropsychological Society, New York, New York.

Spalding, K.N. (2017, March). *The role of the medial prefrontal cortex in the generalization of conditioned fear.* Poster presented at the Cognitive Neuroscience Annual Meeting, San Francisco, California.

Warren, D.E., **Spalding, K.N.,** Olvera, A., Selden, K., Duff, M., Tranel, D. (2017, March). *A look at age and relational memory: Explicit and implicit measures show differences in relational memory performance between healthy young and older adults.* Poster presented at the Cognitive Neuroscience Annual Meeting, San Francisco, California.

Spalding, K.N., Guzman-Velez, E., Heskje, J., Wiggs, K., & Tranel, D. (2016, February). *Two-day intervention significantly reduces stress in dementia caregivers.* Poster presented at the International Neuropsychological Society, Boston, Massachusetts.

Spalding, K.N., Schlichting, M.L., Zeithamova, D., Preston, A.R., Duff, M.C., Tranel, D., Warren, D.E. (2015, October). *Impairments in associative inference following damage to the ventromedial prefrontal cortex.* Poster presented at the Society for Neuroscience Annual Meeting, Chicago, Illinois.

Spalding, K.N., Jones, S.H., Duff, M.C., Tranel, D., Warren, D. E. (2015, March). *vmPFC damage reduces influence of schematic memory in a recognition memory task.* Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, California.

RESEARCH EXPERIENCE

- 2013-2018 **Graduate Researcher, Neuroscience and Neuropsychology Lab**
Departments of Psychology and Neurology, University of Iowa
Principal Investigator: Daniel Tranel, PhD, ABPP-CN
Conducted neuropsychological research investigating cognitive and behavioral functioning in neurological and healthy populations.
- 2015 **Graduate Researcher, Human Brain Research Lab**
Department of Neurosurgery, University of Iowa Hospitals and Clinics
Principal Investigator: Matthew Howard, MD
Conducted research on cognition and emotion in patients with medically intractable epilepsy undergoing intracranial recording (electrocorticography) prior to epilepsy resection surgery.
- 2014-2015 **Graduate Researcher, Welsh Neuroscience Lab**
Pappajohn Biomedical Institute, University of Iowa
Principle Investigator: Michael Welsh, MD
Conducted research on the neurobiological mechanisms of fear extinction and spontaneous recovery. Sought to better understand pathways that could potentially be used to augment treatment of anxiety and trauma-related disorders. Specifically investigated the effect of memory reactivation and carbon dioxide inhalation on the spontaneous recovery of fear.
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TEACHING EXPERIENCE

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| Spring 2018 | Psychological Assessment [Graduate Level Course] |
| Fall 2017 | Psychological Assessment [Graduate Level Course] |
| Spring 2017 | Abnormal Psychology for Health Professionals |
| Spring 2017 | Advanced Psychology for the Pre-Med Track |
| Fall 2016 | Principles of Neuropsychology [Graduate Level Course] |
| Summer 2014 | Elementary Psychology |
| Spring 2014 | Introduction to Clinical Psychology |
| Fall 2013 | Elementary Psychology |

Invited Guest Lecturer

- 2017 Clinical Psychology, Lecture entitled “Therapy Outcome Research”
Neuropsychology Seminar, Lecture entitled “Critiques and Controversies”
Neuropsychology Seminar, Lecture entitled “Neuropathology”
- 2016 Clinical Psychology, Lecture entitled “Assessment”
Clinical Psychology, Lecture entitled “Mood Disorders”
Clinical Psychology, Lecture entitled “Third Wave Therapies”
Psychology Senior Seminar, Lecture entitled “Clinical Psychology”
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MENTORING

- 2014-2018 **Graduate Mentor, Neuroscience and Neuropsychology Lab**
Mentored eight undergraduate students on research literature, research design, data collection, data analysis, professional development, and preparation for graduate school.
- 2017 **Graduate Mentor, Iowa Biosciences Academy**
Mentored underrepresented undergraduate student in research, professional development, and preparation for graduate school.
- 2016 **Graduate Mentor, Summer Research Opportunities Program**
Mentored underrepresented undergraduate student in research, professional development, and preparation for graduate school.
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CLINICAL EXPERIENCE

- 2018-Present Neuropsychology Pre-doctoral Intern
St. Louis VA Healthcare System
- 2017-2018 Behavioral Health Neuropsychology Practicum
Department of Psychiatry, University of Iowa Hospitals and Clinics (UIHC)
- 2017-2018 Supervision and Consultation Practicum
Department of Psychological and Brain Sciences, University of Iowa
- 2014-2018 Seashore Psychology Clinic Therapy Practicum
Department of Psychological and Brain Sciences, University of Iowa
- 2013-2018 Seashore Psychology Clinic Assessment Practicum
Department of Psychological and Brain Sciences, University of Iowa
- 2016-2017 Organ Transplant Center Psychology Practicum
Department of Surgery, UIHC
- 2016-2017 Dialectic Behavior Therapy Practicum
Department of Child and Adolescent Psychiatry, UIHC
- 2014- 2016 Benton Neuropsychology Practicum
Benton Neuropsychology Laboratory, Department of Neurology, UIHC
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SERVICE

Professional

- 2017-2018 Secretary: Graduate Women in Science, Iowa City [Elected Position]
- 2016-2017 President: Graduate Women in Science, Iowa City [Elected Position]
- 2015-2016 Vice-President: Graduate Women in Science, Iowa City [Elected Position]
- 2014-2015 Treasurer: Graduate Women in Science, Iowa City [Elected Position]

University

- 2015-2017 Behavioral-Biomedical Interface Training Program Curriculum and Evaluation Committee [Appointed Position]
2016 Research Advocate, Hawkeye Caucus Day [Appointed Position]
2015-2016 Graduate Student Advisory Committee [Elected Position]
2015 Poster Judge: Spring Undergraduate Research Festival
2014-2015 Clinical Area Training Committee [Elected Position]

Community

- 2017, 2016 Invited lecture entitled, “Alzheimer’s Disease and Dementia”
Hawkeyes Fighting Alzheimer’s, University of Iowa, Iowa City, IA

Reviewer Experience

- 2018 Clinical and Experimental Neuropsychology, Ad-Hoc Reviewer
2018 The Clinical Neuropsychologist, Ad-Hoc Reviewer
2014 The Journal of Neuroscience, Ad-Hoc Reviewer

ADDITIONAL TRAINING EXPERIENCES

- 2014-2017 **Behavioral-Biomedical Interface Training Program**
Department of Psychological and Brain Sciences, University of Iowa
Selected trainee for a program supported by the National Institutes of Health T32 pre-doctoral research training grant. This program aims to teach interdisciplinary researchers how to utilize biomedical methodologies and conceptual frameworks for understanding health and behavior. Attended twice monthly seminars to discuss biomedical research and professional development. Rotated through biomedical research laboratories to learn additional research techniques.
- 2014 **Entering Mentoring: A Seminar to Train a New Generation of Scientists**
University of Iowa
Seminar focused on strategies to establish effective professional mentoring relationships.
- 2007-2009 **Statistical Consultant**
Center for Applied Statistics and Evaluation, Truman State University
Supervisors: Scott Alberts, PhD, Hyun-Joo Kim, PhD, Scott Thatcher, PhD
Served as a statistical consultant for individuals from the university and the community on a range of projects, including academic research and community program grants.