

# Tesalee K. Sensibaugh

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## Education

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<b>Ph.D., Experimental (Cognitive) Psychology with Statistics minor</b>	2020
University of Wyoming	Laramie, WY
○ <u>Dissertation:</u> <i>Learning to Escape: The Relation of BIS Sensitivity to Navigation Under Threat</i>	
<b>M.S., Experimental Psychology</b>	2017
University of Wyoming	Laramie, WY
○ <u>Thesis:</u> <i>BIS and BAS Sensitivity and Spatial Navigation Ability</i>	
<b>B.S., Gerontology</b>	2015
Western Oregon University	Monmouth, OR
<b>B.S., Psychology with Human Biology minor</b>	2013
Western Oregon University	Monmouth, OR
○ Completed Summa Cum Laude	

## Research Experience

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<b>Graduate Research Assistant, Spatial Cognition Laboratory</b>	2016 to 2020
<i>University of Wyoming, Laramie, WY</i>	
● Used immersive virtual reality (HTC Vive Pro and Cyberith Virtualizer omnidirectional treadmill) to test research hypotheses about spatial navigation ability, personality, and cognitive aging	
● Managed a team of 13 - 21 undergraduate and postgraduate research assistants	
● Recruited, scheduled, and ran subjects for an NSF-funded study on spatial navigation in collaboration with Temple University	
● Performed statistical analyses (e.g., multiple regression, ANOVA) on self-report, cognitive, and behavioral data using SPSS, R, and SAS	
● Wrote Python scripts to compile and process various types of data	
● Presented research findings at regional and national conferences (e.g., Psychonomic Society)	
<b>Graduate Research Assistant, Prospective Memory Laboratory</b>	2015 to 2016
<i>University of Wyoming, Laramie, WY</i>	
● Studied motivational influences on prospective memory (memory for future intentions)	
● Trained and supervised undergraduate research assistants	
● Programmed cognitive tasks using MediaLab and DirectRT software	
<b>Laboratory Technician, WOU Neurocognitive Research Team</b>	2011 to 2015
<i>Western Oregon University, Monmouth, OR</i>	
● Collected EEG data and presented research findings at regional and national conferences	

## **Publications**

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Minear, M., & Sensibaugh, T. (in press). Neuroscience of navigation. In Y. T. Morton, F. van Diggelen, J. J. Spilker Jr., & B. W. Parkinson (Eds.), *Position, navigation, and timing technologies in the 21st century: Integrated satellite navigation, sensor systems, and civil applications* (Vol. 2). John Wiley & Sons.

Zhao, J., Sensibaugh, T., Bodenheimer, B. McNamara, T., Nazareth, A., Newcombe, N., Minear, M., & Klippel, A. (2020). Desktop versus immersive virtual environments: Effects on spatial learning. *Spatial Cognition & Computation: An Interdisciplinary Journal*, DOI: 10.1080/13875868.2020.1817925

Penningroth, S. L., Sensibaugh, T. K., & Andrade, A. M. G. (2020). Memory change in old age. In C. J. Golden (Ed.), *Essays in Developmental Psychology*.

Penningroth, S. L., Andrade, A. M. G., & Sensibaugh, T. K. (2020). Memory development. In C. J. Golden (Ed.), *Essays in Developmental Psychology*.

Sensibaugh, T. (2014). The effects of target valence on thought suppression efficacy. *PURE Insights*: Vol. 3: Iss. 1, Article 11.

## **Manuscripts in Preparation**

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Sensibaugh, T., Minear, & M., Barberis, A. *Behavioral Inhibition System Sensitivity, Subjective Perceptions of Navigation, and Objective Navigation Ability*.

Minear, M., Barberis, A., & Sensibaugh, T. *NavTools: A flexible Unity-based toolbox for studying spatial navigation in virtual environments*.

## **Conference Presentations**

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Zhao, J., Klippel, A., Minear, M., Newcombe, N., Bodenheimer, B., McNamara, T., ... & **Sensibaugh, T.** (2018, September). Walking and learning in a large-scale mediated space: Impacts of viewpoint transition and proprioceptive feedback on spatial learning in virtual reality. In *Cognitive Processing* (Vol. 19, pp. S55-S55). Tiergartenstrabe 17, D-69121 Heidelberg, Germany: Springer Heidelberg.

Penningroth, S. L., **Sensibaugh, T.**, Muñoz Andrade, A., & Scott, W. D. (2018, January). *Motivational effects in prospective memory: Examining how implicit goals and explicit concrete goals affect intention performance and activation*. Paper presented at International Conference on Prospective Memory in Melbourne, Australia.

Alexander, J., **Sensibaugh, T.**, & Alexander, R. (2014, April). *Anterior-posterior and lateral-medial changes in P200 amplitude during a self-evaluation task*. Paper presented at Toward a Science of Consciousness Conference in Tucson, Arizona.

## **Poster Presentations**

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Sensibaugh, T., Minear, M., & Massiquet, A. (2020, November). *Examining the relationship between travel- and navigation-related experiences on perceptions of spatial navigation*

*ability in an adult lifespan sample.* Poster to be presented at Psychonomic Society Annual Meeting (conducted virtually).

Minear, M., Sensibaugh, T., & Cowen, M. (2017, November). *Individual differences in virtual navigation performance*. Poster presented at Psychonomic Society Annual Meeting in Vancouver, Canada.

Muñoz Andrade, A., McCrae, S., & Sensibaugh, T. (2017, November). *Reversed implementation intentions did not help decrease commission errors in prospective memory*. Poster presented at Psychonomic Society Annual Meeting in Vancouver, Canada.

Penningroth, S. L., **Sensibaugh, T.**, Muñoz, A. G. A., & Scott, W. D. (2016, July). *Remembering to help: Implicitly priming a helping goal improves prospective memory performance that benefits others*. Poster presented at International Conference on Memory in Budapest, Hungary.

Alexander, J., **Sensibaugh, T.**, & Alexander, R. (2014, April). *Anterior-posterior and lateral-medial changes in P200 amplitude during a self-evaluation task*. Poster presented at Western Psychological Association Convention in Portland, Oregon.

Alexander, J., **Sensibaugh, T.**, Karr, J., Serres, E., Grindstaff, T., & Alexander, R. (2013, April). *Anterior-posterior and lateral-medial changes in P200 amplitude during a self-evaluation task*. Poster presented at Cognitive Neuroscience Society Annual Meeting in San Francisco, California.

### Courses Taught

Summer 2018 General Psychology (Psyc 1000), University of Wyoming

## Teaching Assistantships

Fall 2018	Biological Psychology (Psyc 2080), University of Wyoming
Spring 2017	Applied Multivariate Analysis (Psyc 5300/Stat 5300), University of Wyoming
Fall 2016	Statistical Methods in Psychology (Psyc 5060/Stat 5060), University of Wyoming
Spring 2016, Fall 2015	Cognitive Psychology (Psyc 3120), University of Wyoming
Spring 2015, Spring 2014	Advanced Research Methods in Psychology (Psy 468), Western Oregon University
Winter 2015, Winter 2014	Quantitative Methods in Psychology (Psy 467), Western Oregon University
Summer 2014	Psychopharmacology (Psy 461/561), Western Oregon University (Online course)
Summer 2014	Cognitive Psychology (Psy 360), Western Oregon University (Online course)

## **Guest Lectures**

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*Neurons: Fundamental Units of the Nervous System.* Invited lecture for M. Minear's Biological Psychology class (Psyc 2080), University of Wyoming, Fall 2018

*Neural Organization.* Invited lecture for M. Minear's Biological Psychology class (Psyc 2080), University of Wyoming, Fall 2018

*Neural Oscillation and Synchronization.* Invited lecture for M. Minear's Biological Psychology class (Psyc 2080), University of Wyoming, Fall 2018

*Spatial reference frames: Egocentric and allocentric processing.* Invited lecture for A. Muñoz's Cognitive Psychology class (Psyc 3120), University of Wyoming, Spring 2017

*Reasoning, judgment, and decision making.* Invited lecture for S. Penningroth's Cognitive Psychology class (Psyc 3120), University of Wyoming, Spring 2016

*Executive functions.* Invited lecture for S. Penningroth's Cognitive Psychology class (Psyc 3120), University of Wyoming, Spring 2016

*Probability distributions.* Invited lecture for J. Alexander's Quantitative Methods in Psychology class (Psy 467), Western Oregon University, Winter 2015

*Paired and single-sample t tests.* Invited lecture for J. Alexander's Quantitative Methods in Psychology class (Psy 467), Western Oregon University, Winter 2014

## **Other Teaching Experience**

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**Graduate Mentor, McNair Scholars Program** 2019

*University of Wyoming, Laramie, WY*

- Guided a first-generation undergraduate student through designing a training intervention to improve spatial ability, collecting pilot data to test the effectiveness of the training intervention, and writing a report describing the results

**Graduate Mentor, Summer Research Apprenticeship Program (SRAP)** 2016

*University of Wyoming, Laramie, WY*

- Guided a gifted high school student through conducting a research project on gender differences in spatial navigation strategies, which was presented in a public symposium.
- Taught 3 additional students about psychological research as co-mentor

**Writing Consultant, WOU Writing Center** 2014 to 2015

*Western Oregon University, Monmouth, OR*

- Assisted student-writers through all steps of the writing process
- Taught students how to recognize and correct error patterns in their writing
- Directed students to relevant academic resources

**Geriatric Wellness Instructor, Monmouth Senior Center**

2012 to 2014

*Monmouth, OR*

- Taught psychology-related classes at a local senior center
- Designed and implemented a curriculum appropriate for older adults with varying levels of cognitive impairment

**Manuscript Refereeing**

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2016	<i>Memory</i>
2015	<i>Memory &amp; Cognition</i>

**Research Grants**

Psi Chi Graduate Research Grant	\$1,500	2019
American Psychological Association Dissertation Research Award	\$650	2019
Ksir Summer Research Fellowship	\$3,500	2019
UWyo College of Arts and Sciences Graduate Scholar	\$2,500	2018

**Scholarships and Awards**

Robert H. and Huldah M. Bruce Scholarship	2019
Lillian Portenier Psychology Scholarship	2017, 2019
Stanton Rickey Scholarship	2013 to 2014
Student Leadership and Activities Innovator Award	2014
Julia McCulloch Smith Outstanding Graduating Senior Woman Finalist	2013
Outstanding Senior in Psychology	2013
Psychology Leadership Award	2013
Jeanne Deane Abby's House Scholarship	2012 to 2013
Western Oregon University Psychology Scholarship	2012 to 2013

**Honor Society Memberships**

Phi Kappa Phi	2012 to Present
Psi Chi	2012 to Present