

# Katelyn J. Singer

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## EDUCATION

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**Doctor of Philosophy in Human Development** **May 2024 (Anticipated)**  
Virginia Polytechnic State University

**Master of Arts in Clinical Psychology** **May 2021**  
Ball State University *Graduated with Honors*

**Bachelor of Science in Psychology** **May 2019**  
Ferris State University *Magna Cum Laude*  
Minors: French and Sociology

## PUBLICATIONS AND PRESENTATIONS

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### Publications

Nardi, D., **Singer, K.J.**, Price, K.M., Bryant, J.A., Hatheway, M.A., Johnson, J.N., Pairitz, A.K., Young, K.L., & Newcombe, N.S. (in press). Navigating Without Vision: Spontaneous Use of Terrain Slant in Outdoor Place Learning. *Spatial Cognition & Computation*.

### Paper and Poster Presentations

**Singer, K.**, Katz, B. (2022, November 2-6). *Cognitive Profiles of Spousal Caregivers: An HRS Study* [Conference Presentation]. Gerontological Society of America Annual Research Conference, Indianapolis, Indiana, United States.

Nardi, D., **Singer, K.** (2022, April 21-23). *Distance Perception during a Pandemic: The Effect of Mask-Wearing* [Conference Presentation]. Midwestern Psychological Association Annual Research Conference, Chicago, Illinois, United States.

**Singer, K.**, Nardi, D. (2021, November 4-7). *Where's Your Mask? Distance Perception in Mask Wearing*. [Conference Presentation]. Psychonomics Convention, Online.

Nardi, D., **Singer, K.**, & Price, K. (2021, April 22-24). *Spontaneous slant-guided blind navigation* [Conference Presentation]. Midwestern Psychological Association Convention, Online.

**Singer, K.**, Nardi, D. (2020, November 19-22). *Non-visual spatial navigation: A field study* [Conference Presentation]. Psychonomics Convention, Online.

- Singer, K.**, Holtgraves, T. (2020, April 17). *Burnout and related factors among emerging psychologists* [Poster Session]. Ball State University Department of Psychological Science Poster Session, Muncie, IN, United States. (Conference canceled because of COVID-19)
- Singer, K.**, Young, K., Bryant, J., Hatheway, K., Johnson, J., Pairitz, A., & Price, K. (2020, April 15th). *Sex differences in blind navigation* [Poster session]. Ball State Student Symposium, Muncie, IN, United States. <https://www.bsu.edu/calendar?mode=day&date=2020-04-22> (Conference canceled because of COVID-19)
- Bryant, J., Price, K., Johnson, J., Hatheway, K., Pairitz, A., **Singer, K.**, & Young, K. (2020, April 8). *Sex differences in spatial reorientation and navigation with non-visual cues*. Abstract accepted for presentation at the 32nd annual Butler University Undergraduate Research Conference. Indianapolis, Indiana, United States. (Conference canceled because of COVID-19)
- Pairitz, A., Hatheway, K., Bryant, J., Johnson, J., Price, K., **Singer, K.**, and Young, K. (2020, April 18). *Sex differences in non-visual spatial cognition* [Online Poster Presentation]. Mid- American Undergraduate Research Conference.
- Heikkila, B., Martines, S., **Singer, K.**, Haynes, D., Organek, G., Weaver, J. (2018, April 14). *Shared sample response requirement produces functional equivalency between samples* [Poster session]. Michigan Undergraduate Psychology Research Conference, Big Rapids, MI, United States.

## **HONORS AND SCHOLARSHIPS**

2022 – Present	Sigma Phi Omega, International Honor and Professional Society in Gerontology
2020 – 2022	Member of Psychonomic Society, Cognitive and Experimental Psychology Society
2016 – Present	Member of National Society of Collegiate Scholars, Honor Society for College Students
2016 – 2019	Dean’s List, Ferris State College of Arts and Sciences
2016 – 2019	Provost’s Scholarship
2016 – 2017	Honors Residential Life Scholarship

## **RESEARCH EXPERIENCE**

**Research Assistant – CAATS Lab**  
Lab Director: Benjamin Katz, Ph.D.

**Aug. 2021– Present**  
Virginia Tech

Research assistantship through the Department of Human Development and Family Science to work on projects examining cognition (executive function) in older adults. Current research

projects involve researching hydration effects on cognition, investigating short exercise breaks' impact on cognition, and investigating how locus coeruleus connectivity and attentional selectivity changes with age and assess its ability to be modified through cognitive training. Responsibilities included data collection, data management, manuscript preparation, and lab coordination.

**Research Assistant – Stigma Lab**

**Aug. 2020– May 2021**

Lab Director: Laura Stull, Ph.D.

Ball State University/Anderson University

Research internship coordinated through the Department of Psychological Science (Ball State) to work on projects examining stigma in older adult populations who have been diagnosed with neurological illness.

Responsibilities included data collection, data management, manuscript preparation, and lab coordination.

**Research Assistant – Spatial Awareness Lab**

**Aug. 2019– May 2021**

Lab Director: Daniele Nardi, Ph.D.

Ball State University

Graduate assistantship funded through Department of Psychological Science to work on projects examining spatial cognition and sex differences related to spatial cognition.

Responsibilities included data collection, data management, supervision of undergraduate research assistants, lab coordination, and assistance with poster design.

**Lab Assistant – Counseling Psychology EEG Lab**

**September 2019 – May 2021**

Lab Director: Kristin Perrone-McGovern, Ph.D.

Ball State University

Worked on projects examining mindfulness and its impact on the parietal areas of the brain, as well as the impact of auditory stimulation on receiving women's health messages.

Responsibilities included data collection and data management.

**Lab Assistant – Psychophysiological, Attention, Cognition, and Emotion Lab**

Lab Director: Anjolie Diaz, Ph.D.

**January 2020 – January 2021**

Ball State University

Worked on a project examining the impact of intolerance of uncertainty on working memory.

Responsibilities included EEG data collection and data management.

**Research Assistant – Functional Equivalency Pigeon Lab**

**August 2017 – May 2018**

Lab Director: Janice Weaver, Ph.D.

Ferris State University

Worked on a project examining functional equivalency between samples using shared sample response. Responsibilities included data collection, lab management, and maintenance of pigeon subjects.

## **TEACHING EXPERIENCE**

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### **Instructor of Record – Adult Development and Aging**

**Spring 2022**  
Virginia Tech

Developed coursework and guided students in learning content related to aging. Responsibilities included grading, leading classroom discussions, and facilitating student learning and communication.

### **Course Developer – Human Development and Family Science**

**Fall 2022**

Assistantship Supervisor: Megan Dolbin-MacNab, Ph.D. Virginia Polytechnic State University

Teaching assistantship that involved redesigning human development introductory courses (HD 1004, HD 2004). Courses redesigned to align with backward design principles and updated course objectives. Responsibilities included coordinated course efforts with course coordinators, developing assignments, and utilizing backward design and objective mapping strategies to update and add new coursework.

### **Teaching Assistant – Adult Aging and Development**

Faculty Advisor: Benjamin Katz, Ph.D.

**Fall 2021**  
Virginia Tech

Assisted in grading coursework and proctoring exams. Responsibilities included coursework grading, classroom-lead discussions, and student communication.

### **Teaching Assistant – Cognitive & Sensation and Perception Psychology**

Faculty Advisor: Daniele Nardi, Ph.D.

**August 2019 – May 2021**  
Ball State University

Assisted in grading coursework and proctoring exams. Responsibilities included coursework grading, and student communication.

### **Teaching Assistant – Research Seminar**

Faculty Advisor: George Gaither, Ph.D.

**August 2019 – May 2021**  
Ball State University

Assisted in teaching and developing coursework related to conducting a novel research project and statistical analysis of data. Responsibilities included grading coursework, consulting with students about their work, assignment preparation, content creation, and classroom instruction.

## **CLINICAL EXPERIENCE**

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### **Direct Care Worker**

Innovative Housing Development Corporation

**May 2018 – Aug 2018**

Worked with adults with mental illness to help transition them from adult foster care to independent living. Responsibilities included developing individual treatment plans, developing daily living activity skills, behavioral data collection, medication preparation and tracking, and treatment outcome report writing.

## **PROFESSIONAL MEMBERSHIPS**

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- Sigma Phi Omega, international Honor and Professional Society in Gerontology
- Psychonomic Society
- National Society for Collegiate Scholars