

# Anna P. Smith

## Curriculum Vitae

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*Interests:* autobiographical memory, creativity, empirical aesthetics

anna.p.smith@duke.edu

### Education

#### Duke University

Ph.D. in Psychology (Cognition and Cognitive Neuroscience) 2025  
*Advisors:* Dr. Elizabeth J. Marsh (Psychology & Neuroscience) (anticipated)  
& Dr. Felipe De Brigard (Philosophy)

#### Duke University

M.S. in Psychology 2022  
*Advisor:* Dr. Paul Seli

#### Carleton College

B.A. in Cognitive Science 2017  
*Advisor:* Dr. Kathleen Galotti

### Publications

DiProspero, N., Sathishkumar, M., Janecek, J., **Smith, A.P.**, McMillan, L., Peterson, M., Phelan, M., Tustison, N., Keator, D.B., Doran, E., Hom, C., Nguyen, D., Andrews, H., Krinsky-McHale, S., Brickman, A., Rosas, D., Lai, F., Head, E., Mapstone, M., Schupf, N., Silverman, W., Lott, I.T., O'Bryant, S., Yassa, M.A. (2024). Neurofilament light chain concentration mediates the association between regional medial temporal lobe structure and memory in adults with Down syndrome. *Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring*, 10.1002/dad2.12542.

Bellaiche, L.\*, **Smith, A.P.**\*, Christensen, A., Williams, C., Schooler, J., Beaty, R., Chatterjee, A., Seli, P. (2023). Back to the Basics: Abstract painting as an index of creativity. *Creativity Research Journal*.

Granger, S. J., Colon-Perez, L., Saraí Larson, M., Bennett I. J., Phelan, M., Keator, D. B., Janecek, J. T., Sathishkumar, M.T., **Smith, A.P.**, McMillan, L., Greenia, D., Corrada, M.M., Kawas, C.H., & Yassa, M.A. Reduced structural connectivity of the medial temporal lobe including the perforant path is associated with aging and verbal memory impairment. *Neurobiology of aging*, 121, 119-128.

Simmons, C., McKee, P., Antonios, I., **Smith, A.P.**, & Sinnott-Armstrong, W. (2022). Bad dream frequency predicts mental health needs during the SARS-CoV-2 pandemic. *Journal of Affective Disorders Reports*.

**Smith, A.P.**, Brosowsky, N., Murray, S., Daniel, R., Meier, M., & Seli, P. (2022). Fixation, Flexibility, and Creativity: The Dynamics of Mind Wandering. *Journal of Experimental Psychology: Human Perception and Performance*.

Granger, S. J., Colon-Perez, L., Larson, M. S., Phelan, M., Keator, D. B., Janecek, J. T., Sathishkumar, M.T., **Smith, A.P.**, ...& Yassa, M. A. (2022). Hippocampal dentate gyrus integrity revealed with ultrahigh resolution diffusion imaging predicts memory performance in older adults. *Hippocampus*, 32(9), 627-638.

O'Neill, K., **Smith, A.P.**, Smilek, D., & Seli, P. (2021). Dissociating the freely-moving thought dimension of mind-wandering from the intentionality and task-unrelated thought dimensions. *Psychological Research*.

Gross, M., **Smith, A. P.**, Graveline, Y., Beaty, R., Seli, P., & Schooler, J. (2020). Comparing the phenomenological qualities of mind wandering, dreams, and stimulus-dependent thought using experience sampling. *Philosophical Transactions of the Royal Society B: Biological Sciences*.

Galotti, K. M., Schneekloth, M. J., **Smith, A. P.**, Bou Mansour, C., & Nixon, A.L. (2018). Ways of Knowing and Appraisal of Intellectual Activities. *American Journal of Psychology*.

### Manuscripts under Review

**Smith, A.P.**, Marsh, E.J., De Brigard, F. Aesthetic Experience is Supported by Spontaneous Autobiographical Memory Retrieval. *Memory and Cognition* (submitted).

Márquez, F., Noche, J.A., Harriger, L., Sarai Larson, M., Miranda, B., **Smith, A.P.**, Hollearn, M.K., McMillan, L., Rissman, R., Head, E., & Yassa, M.A. Spatial pattern separation is linked to posteromedial network functional connectivity, Alzheimer's pathology, and cognitive decline in older adults. *Neuron* (in review).

### Talks, Presentations, and Invited Addresses

Smith, A.P., Silvo, S., De Brigard, F., Marsh, Elizabeth J. "Dissociating the Effects of Processing Fluency from Aesthetic Experience of Visual Art Viewing." *Cognitive Neuroscience Society*, March 2023.

Smith, A.P., Nathaniel Barr, Alexander Christensen, Chloe Williams, Jonathan Schooler, Roger Beaty, Anjan Chatterjee, Paul Seli. "Correspondences Between Creativity Measures and Creative Output (Painting)." *Society for the Neuroscience of Creativity*, Online, May 2022.

Smith, A.P., Nathaniel Barr, Alexander Christensen, Chloe Williams, Jonathan Schooler, Roger Beaty, Anjan Chatterjee, Paul Seli. "Back to the Basics: Correspondences Between Creativity Measures and Creative Output (Painting)." *Duke Center for Cognitive Neuroscience Colloquium*, May 2022.

Smith, A.P., Brosowsky, N., Murray, S., Daniel, R., Meier, M., & Seli, P. "Fixation, Flexibility, and Creativity: The Dynamics of Mind Wandering." *Society for the Neuroscience of Creativity*, Online, October 2020.

Smith, A.P., Brosowsky, N., Schooler, J., & Seli, P. "An examination of the hypotheses of the Dynamic Framework of mind wandering." *Annual Meeting of the Cognitive Neuroscience Society*, March 2020.

Smith, A.P., O'Neill, K., & Seli, P. "On the Utility of the Dynamic Framework of Mind-Wandering." *Psychonomic Society 60<sup>th</sup> Annual Meeting*, Montréal, Québec, November 2019.

Smith, A.P., Galotti, K. M., Schneekloth, M. J., Bou Mansour, C., & Nixon, A.L. "PokéBalls and Gym Brawls: Ways of Knowing and Learning Pokémon Go." *Psychonomic Society 58<sup>th</sup> Annual Meeting*, Vancouver, BC, November 2017.

### Ad Hoc Peer Reviewer

1. Consciousness and Cognition
2. Psychological Research
3. Translational Issues in Psychological Science

## Grants and Fellowships

<u>Charles Lafitte Program</u> Graduate Travel Grant (\$1,500) to the meetings of the Society for the Neuroscience of Creativity and the Cognitive Neuroscience Society	2024
<u>Charles Lafitte Program</u> Graduate Grant Award (\$2,000) Spontaneity of Memory Retrieval in Abstract Art Viewing	2023
<u>Preparing Future Faculty Program</u> Fellow (\$500 honorarium)	2023
<u>Duke Learning Innovations</u> Summer Course Development Grant (summer stipend) Redesigning Introduction to Cognitive Neuroscience	2023
<u>Charles Lafitte Program (Duke University)</u> Graduate Grant Award (\$1,000) Exploring the role of memory recollection in aesthetic experiences of visual art Smith, A.P., Silvosa, S., Marsh, E.J.	2023
<u>Bass Connections (Duke University)</u> Research Grant (\$5,000) Effects of mindfulness-based painting on psychophysiological well-being Smith, A.P., Bellaiche, L., Slayton, M., & Williams, C.	2022
<u>National Science Foundation</u> Graduate Research Fellowship Program (honorable mention)	2020
<u>Charles Lafitte Foundation (Duke University)</u> Graduate Grant Award (\$2,500) Does Increased Frequency and Vividness of Dreams During Times of Global Distress Predict Future Psychological Concerns? Smith, A.P., Simmons, C., & Sinnott-Armstrong, W.	2020
<u>The Fulbright Program</u> Study/ Research Award (Finalist, Norway)	2017
<u>Kolenkow-Reitz Fellowship (Carleton College)</u> Summer Research Fellowship (\$5,000)	2016

## Research Experience

<u>Duke University</u> Graduate Student Researcher (Psychology and Neuroscience) P.I.s: Dr. Elizabeth J. Marsh, Dr. Felipe De Brigard, Dr. Paul Seli	2019-present
<u>University of California, Irvine</u> Assistant Specialist I (Neurobiology and Behavior) P.I.: Dr. Michael Yassa	2017-2019
<u>Carleton College</u> Research Assistant (Cognitive Science) P.I.: Dr. Kathleen Galotti	2013-2017

## Teaching Experience

Duke University 2018-Present  
Department of Psychology & Neuroscience  
Instructor of Record  
Summer Session 1 2024: NEUROSCI/PSY 217: Introduction to Cognitive Neuroscience  
Teaching Assistant/Discussion Section Instructor  
Fall 2022: PSY212: Forensic Psychology  
Fall 2021: NEUROSCI217D: Introduction to Cognitive Neuroscience  
Spring 2021: PSY102: Cognitive Psychology  
Fall 2020: NEUROSCI380L: Functional Anatomy of the Human Brain

Fuqua School of Business  
Teaching Assistant  
Spring 2022: MANAGEMENT745: Negotiation  
Fall 2023: MANAGEMENT745: Negotiation

Youth Programs, Neurosciences Camp  
Summer 2019: Co-Director and Instructor  
Summer 2018: Instructor

Carleton College 2016-2017  
Teaching Assistant  
Fall 2017: CGSC130: Introduction to Cognitive Science  
Winter 2017: CGSC130: Introduction to Cognitive Science  
Spring 2016: PSY217: Laboratory Methods in Behavioral Neuroscience

## Mentorship

Duke University 2022-present  
Department of Psychology and Neuroscience  
Psychology Major Graduation With Distinction Advisor  
Spring 2024: Sofia Silvosa, Chloe Williams  
Psychology Major Independent Study Supervisor  
Spring 2024: Sofia Silvosa, Chloe Williams  
Neuroscience Major Independent Study Supervisor  
Spring 2023: Juliana Ibarra

Center for Cognitive Neuroscience  
Cognitive Neuroscience Research Internship  
Spring 2022: Graduate Student Mentor

University of California, Irvine 2018  
Center for the Neurobiology of Learning and Memory  
Brain Explorer Academy  
Summer 2018: Science Mentor

## Service and Volunteer Work

Duke University Department of Psychology and Neuroscience 2022-2023  
Graduate Student Representative to faculty meetings

Society for the Neuroscience of Creativity 2019-2021  
Digital Team

Frontiers Media 2018-2020  
Frontiers for Young Minds Review Editor

UCI Center for the Neurobiology of Learning and Memory  
Ambassador

2017-2019

Carleton College Department of Cognitive Science  
Student Departmental Adviser

2016-2017

### Professional Activities and Memberships

Duke University Certificate in College Teaching  
Society for the Neuroscience of Creativity  
Psychonomic Society  
Cognitive Neuroscience Society  
Sigma Xi, The Scientific Research Honor Society