**A n n a P. S m i t h**

**Education**

**Personal Information**

*Email:* anna.p.smith@duke.edu

*Address:* Duke University Department of Psychology & Neuroscience

Room 204

417 Chapel Dr., Durham NC

27708

*2019-Present*  Duke University

Ph.D. in Psychology & Neuroscience

Cognition and Cognitive Neuroscience

*Advisors:*

Dr. Elizabeth Marsh (Psychology & Neuroscience)

Dr. Felipe De Brigard (Philosophy)

M.A. in Psychology & Neuroscience

*Advisor*: Dr. Paul Seli

*Thesis*: The Critical Role of Self-Relevance and Autobiographical Memory in Deeply Moving Aesthetic Experiences

*2013-2017* Carleton College

B.A. in Cognitive Science

*Advisor:* Dr. Kathleen Galotti

**Publications**

1. **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.
2. 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.
3. 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.
4. 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.
5. 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**

1. 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 and perforant path-like connectivity is associated with aging and verbal memory impairment. Neurobiology of Aging (in review).
2. 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).

**Ad Hoc Peer Reviewer**

1. *Psychological Research*
2. *Translational Issues in Psychological Science*

**talks, Presentations, and Invited Addresses**

1. **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.
2. **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.
3. **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.
4. **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.
5. Marquez, F., Larson, M**., Smith, A.P.**, Miranda, B., McMillan, L., Sathishkumar, M., Yassa, M. “Neurocognitive mechanisms of spatial pattern separation in older adults with and without subclinical memory impairment.” Alzheimer’s Disease International Conference, Online, July 2020.
6. Sathishkumar, M., Janecek, J., **Smith, A. P.**, Phelan, M., Tustison, N., Keator, D., Doran, E., Hom, C., Nguyen, D., Peterson, M., Rosas, H. D., Lai, F., Brickman, A.M., Schupf, N., Silverman, W., Lott, I.T., O’Bryant, S., & Yassa, M. A. “Anterolateral entorhinal cortical thinning as a biomarker for Alzheimer’s disease in Down Syndrome.” Alzheimer’s Disease International Conference, Online, July 2020.
7. **Smith, A.P.**, O’Neill, K., & Seli, P. “On the Utility of the Dynamic Framework of Mind-Wandering.” Psychonomic Society 60th Annual Meeting, Montréal, Québec, November 2019.
8. **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 58th Annual Meeting, Vancouver, BC, November 2017.

**Awards and Honors**

*2022* Bass Connections (Duke University)

Recipient for project: *Effects of mindfulness-based painting on psychophysiological well-being* ($5,000)

Smith, A.P., Bellaiche, L., Slayton, M., & Williams, C.

*2020* National Science Foundation Graduate Research Fellowship Program

Honorable mention

*2020* Charles Lafitte Foundation (Duke University)

Recipient for project: *Does Increased Frequency and Vividness of Dreams During Times of Global Distress Predict Future Psychological Concerns?* ($2,500)

Simmons, C., Smith, A.P., & Sinnott-Armstrong, W.

*2017* The Fulbright Program

Finalist

Alternate to Norway, at the University of Oslo, to conduct research in cognitive musicology

*2016* Kolenkow-Reitz Undergraduate Research Fellowship

Funded to conduct summer research on information processing in the hippocampus at UCI

**Research Experience**

*2016-2019* University of California, Irvine

*2019-* Assistant Specialist I

P.I.: Dr. Michael Yassa

*2018-* Junior Specialist II

*2017-* Junior Specialist I

*2016-* Research Assistant

*Activities:* MRI operation, Symposium reporting (including for the International Brain Initiative Inventory Working Group meeting, Irvine, CA, 2019), neuropsychological testing, undergraduate research assistant mentorship, Alzheimer’s outreach

*Projects:* High-Resolution Neuroimaging Biomarkers for Preclinical Alzheimer’s Disease (ADRC Project 1, National Institute on Aging, P50 AG16573)

Biomarkers of Alzheimer’s Disease in Adults with Down Syndrome (National Institute on Aging, U01 AG051412-03)

Neuroimaging Biomarkers for Cognitive Decline in Elderly with Amyloid Pathology (National Institute on Aging, R01 AG05355501A1)

*2014-2016* Carleton College

Research Assistant

P.I.: Dr. Kathleen Galotti

*Activities:* Recruitment and scheduling, cognitive and behavioral testing, data analysis, creation of psychological survey instruments, preparation of manuscripts

*Projects:* Investigating adult and adolescent decision making and epistemological styles (“ways of knowing”)

**Teaching Experience**

*2016-Present* Duke University Department of Psychology & Neuroscience

Teaching Assistant/Discussion Section Instructor

*Fall 2022:* PSY212: Forensic Psychology

*Fall 2021*: NEUROSCI202: Introduction to Cognitive Neuroscience

*Spring 2021*: PSY102: Cognitive Psychology

*Fall 2020*: NEUROSCI380L: Functional Anatomy of the Human Brain

Carleton College

Teaching Assistant

*Fall 2017*: CGSC130: Introduction to Cognitive Science

*Winter 2017*: CGSC130: Introduction to Cognitive Science

*Spring 2016*: PSY217: Laboratory Methods in Behavioral Neuroscience

*2022* Duke University Fuqua School of Business

Teaching Assistant

*Spring 2022:* MANAGEMT745: Negotiation

*2021-Present* Duke University Center for Cognitive Neuroscience

Graduate Student Research Mentor

Cognitive Neuroscience Research Internship

*Activities:* paired with an undergraduate mentee to lead through the research process and oversee a semester-long project. CNRI is a graduate student-led program that offers undergraduates early in their studies a semester of paid training in Python programming, research methods, and hands-on laboratory experience

*Project:* Examining the Validity of Creativity Measures as Compared to Creative Output

*2018-2020* Duke University Youth Programs

Co-Director and Instructor

Neurosciences Camp

*Activities:* Teaching a two-week residential high school program on topics in neuroscience, directing and coordinating guest speakers and activities, community outreach

*2018-2019* UCI Center for the Neurobiology of Learning and Memory

Science Mentor

Brain Explorer Academy

*Activities:* Organizing neuroscience-related educational activities for children ages 7-14, delivering age-appropriate lectures, accompanied students to the 2018 International Conference on Learning and Memory, in which they “peer-reviewed” articles by scientists in attendance

**Professional Activities and memberships**

*2020- Present* Duke University Certificate in College Teaching

Candidate

*2019-Present* Society for the Neuroscience of Creativity

Digital Curator (2019-2021)

Member

*2019-Present* Psychonomic Society

Student Member

*2019-2021* Cognitive Neuroscience Society

Student Member

*2017- Present* Sigma Xi, The Scientific Research Honor Society

Associate Member

**Service and Volunteer Work**

*2022-2023* Duke University Department of Psychology and Neuroscience

Graduate Student Represtentative

*Activities:* graduate student liaison to faculty meetings

*2019-2021* Society for the Neuroscience of Creativity

Digital Curator

*Activities:* worked on a team to organize the first COVID-19-adapted SfNC conference; redesigned society website; helped launch SfNC CrossTalk: Conversations between Scientists and Artists, a monthly, streamed bidirectional interview series

*2018-2020* Frontiers Media

Frontiers for Young Minds Review Editor

*Activities:* leading children through the peer-review process, resulting in a published article in *Frontiers for Young Minds*, a journal comprised of articles written by scientists in a child-accessible register

*2017-2019* UCI Center for the Neurobiology of Learning and Memory

Ambassador

*Activities:* Organizing department functions and outreach, member of the Outcomes Committee, designing creative ways of community polling and quantification of activity engagement, visualizing and interpreting results for the CNLM

*2016-2017* Carleton College Department of Cognitive Science

Student Departmental Adviser

*Activities:* Chair-appointed student representative for the department, providing curricular help and registration guidance, community organizing, receiving department guests