

NADIA M. BRASHIER

Curriculum Vitae

Department of Psychological Sciences
Purdue University
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POSITIONS

- 2021 - **Purdue University**
Assistant Professor of Psychological Sciences
- 2018-21 **Harvard University**
NIH and NSF SBE Postdoctoral Fellow, *Mentor*: Daniel Schacter


EDUCATION


- 2018 **Duke University**
Ph.D. in Cognition & Cognitive Neuroscience
- 2015 **Duke University**
M.A. in Cognition & Cognitive Neuroscience
- 2012 **Davidson College**
B.S. in Psychology with Neuroscience Concentration
magna cum laude with departmental honors, Phi Beta Kappa


RESEARCH INTERESTS














I study memory and judgment across the lifespan, with a specific focus on cognitive “shortcuts” people use to evaluate truth. My research identifies ways that young and older adults come to believe things that are not true, from fake news to common superstitions.

PUBLICATIONS


Click  to read

Ecker, U. K. H., Lewandowsky, S., Cook, J., Schmid, P., Fazio, L. K., **Brashier, N. M.**, Kendeou, P., Vraga, E. K., & Amazeen, M. A. (2022). The psychological drivers of misinformation belief and its resistance to correction. *Nature Reviews Psychology* 

Thakral, P. P., Devitt, A. L., **Brashier, N. M.**, & Schacter, D. L. (2021). Linking creativity and false memory: Common consequences of a flexible memory system. *Cognition* 

- Brashier, N. M.**, Pennycook G., Berinsky, A. J., & Rand, D. G. (2021). Timing matters when correcting fake news. *PNAS* 
- Brashier, N. M.**, & Fazio, L. K. (2020). Why do older adults share more misinformation? We need social media data to find out. *The Harvard Kennedy School Misinformation Review* 
- Brashier, N. M.**, & Schacter, D. L. (2020). Aging in an era of fake news. *Current Directions in Psychological Science* 
- Brashier, N. M.**, Eliseev, E. D., & Marsh, E. J. (2020). An initial accuracy focus prevents illusory truth. *Cognition* 
- Brashier, N. M.**, & Marsh, E. J. (2020). Judging truth. *Annual Review of Psychology* 
- * one of Annual Review's [top 10 most downloaded articles](#) of 2020 in the social sciences
- Wang, W., **Brashier, N. M.**, Wing, E. A., Marsh, E. J., & Cabeza, R. (2018). Knowledge supports memory retrieval through familiarity, not recollection. *Neuropsychologia* 
- Wang, W., **Brashier, N. M.**, Wing, E. A., Marsh, E. J., & Cabeza, R. (2018). Neural basis of goal-driven shifts in access to knowledge. *European Journal of Neuroscience* 
- Brashier, N. M.**, & Multhaup, K. M. (2017). Magical thinking decreases across adulthood. *Psychology and Aging* 
- Brashier, N. M.**, Umanath, S., Cabeza, R., & Marsh, E. J. (2017). Competing cues: Older adults rely on knowledge in the face of fluency. *Psychology and Aging* 
- Marsh, E. J., Cantor, A. D., & **Brashier, N. M.** (2016). Believing that humans swallow spiders in their sleep: False beliefs as side effects of the processes that support accurate knowledge. *Psychology of Learning and Motivation* 
- Wang, W., **Brashier, N. M.**, Wing, E. A., Marsh, E. J., & Cabeza, R. (2016). On known unknowns: Fluency and the neural mechanisms of the illusory truth effect. *Journal of Cognitive Neuroscience* 
- Fazio, L. K., **Brashier, N. M.**, Payne, B. K., & Marsh, E. J. (2015). Knowledge does not protect against illusory truth. *Journal of Experimental Psychology: General* 
- Jiang, J., **Brashier, N. M.**, & Egner, T. (2015). Memory meets control in hippocampal and striatal binding of stimuli, responses, and attentional control states. *The Journal of Neuroscience* 

MANUSCRIPTS

- Brashier, N. M.**, & Rand, D. G. (under review). Illusory truth occurs even with incentives for accuracy. 
- * covered by [CBS News](#) and the [Neiman Lab](#)
- Brashier, N. M.**, Ho, C. H., Hogue, T. K., & Schacter, D. L. (under review). Retrieval fluency leads to illusions during problem solving.
- Brashier, N. M.** (invited review). Judging truth of conspiracy theories. *Current Opinion in Psychology*

FUNDING

2021 ‘Testing the Optimal Time to Correct Misinformation,’ Facebook (co-PI), \$50,000

2020	NIH Postdoctoral Diversity Supplement, \$241,315 <i>for scientists from disadvantaged backgrounds</i> 🔗
2018	NSF SBE Postdoctoral Research Fellowship, \$165,000
2017	APA Dissertation Research Award, \$4,114 🔗
2017	APF 125 th Anniversary Scholarship, \$3,000 🔗
2017	Phillip Jackson Baugh Fellowship, \$30,882 <i>supports single Duke student's career in aging</i> 🔗
2012	NSF Graduate Research Fellowship, \$134,000
2011	Howard Hughes Medical Institute Fellowship, \$6,000
2010	Davidson Research Initiative Fellowship, \$6,800


HONORS & AWARDS

2022	APS Rising Star
2018	APA Div 20 Doctoral Dissertation Award in the Psychology of Aging 🔗
2016	Kavli Summer Institute in Cognitive Neuroscience Fellow
2015	Summer Institute on Bounded Rationality Fellow, Max Planck Institute for Human Development
2012	William Gatewood Workman Award <i>Davidson Psychology Department's highest honor</i>
2012	Phi Beta Kappa
2011	APA Div 20 Award for Completed Undergraduate Research in Adult Development and Aging
2008	National Merit Scholar


SELECT MEDIA COVERAGE


“5 tips to spot misinformation and prevent its spread”	<i>Washington Post</i> 🔗
“Getting wise to fake news”	<i>The New York Times</i> 🔗
“Older people spread more fake news, a deadly habit in the COVID-19 pandemic”	<i>LA Times</i> 🔗
“New research explains why Boomers share so much fake news”	<i>Rolling Stone</i> 🔗
“Conspiracy theories: Why some people are susceptible and how to protect yourself”	<i>Washington Post</i> 🔗
“What is the Internet doing to Boomers' brains?”	<i>Huffington Post</i> 🔗
“Study: Incentives ineffective on preventing fake news”	<i>CBS</i> 🔗
“Why do we fall for fake news?”	<i>Getting Curious</i> with Jonathan Van Ness from <i>Queer Eye</i> 🔗
“Older users share more misinformation. Your guess why might be wrong”	<i>MIT Tech Review</i> 🔗
“The enduring allure of conspiracies”	<i>Knowable Magazine</i> 🔗
“How to keep conspiracy theories from ruining your Thanksgiving”	<i>PBS</i> 🔗
“When false claims are repeated, we start to believe them”	<i>Research Digest</i> [37.8k upvotes on Reddit] 🔗
“How disinformation hacks your brain”	<i>Scientific American</i> 🔗
“What makes people believe in conspiracy theories?”	<i>Al Jazeera</i> 🔗
“Why we feel the need to knock on wood”	<i>Discover Magazine</i> 🔗

“Trump’s Tweets and the creation of illusory truth” *The Atlantic* 

“How liars create the illusion of truth” *BBC* 

“The science behind why fake news is so hard to wipe out” *Vox* 

“Losing relatives to fake news” *You’re Wrong About* podcast 

“Navigating misinformation in crises” *790 KABC radio* 

INVITED TALKS

2022	University of Pennsylvania, Social Action Colloquium
2022	Northwestern University, Department of Psychology
2021	Clemson University, NATO Workshop on Disinformation
2021	Princeton University, Center for Information Technology Policy
2021	Yale University, School of Management
2021	Max Planck Institute for Human Development, Center for Adaptive Rationality
2020	University of Virginia, Department of Psychology
2020	Tufts University, Department of Psychology
2020	University of California, Berkeley, Department of Psychology
2019	Stony Brook University, Department of Psychology and Osher Lifelong Learning Institute
2019	Harvard University, Department of Psychology, Social Lunch
2014	Duke University, Department of Psychology & Neuroscience, Developmental Psychology Talk Series
2011	University of North Carolina at Greensboro, Department of Psychology

CONFERENCE TALKS

Brashier, N. M. (2022). Aging in a fake news era. Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

Brashier, N. M., Lang, J. D., & Schacter, D. L. (2021). Emotion impacts belief in fake news, but not memory for its source. Annual Meeting of the Psychonomic Society.

Brashier, N. M. (2021). Aging in a fake news era. Association for Psychological Science Virtual Convention.

Brashier, N. M., Pennycook, G., Berinsky, A., & Rand, D. G. (2020). When should you correct fake news? Comparing prebunking, warning labels, and debunking. Annual Meeting of the Psychonomic Society.

Brashier, N. M., Ho, C. H., Hogue, T., K., & Schacter, D. L. (2019). Episodic retrieval and metacognition during problem solving. Annual Meeting of the Psychonomic Society, Montreal, Canada.

Brashier, N. M., & Marsh, E. J. (2019). Looking on the bright side: Affect, age, and perceptions of truth. Biennial Meeting of the Society for Applied Research in Memory and Cognition, Cape Cod, MA.

Brashier, N. M., Eliseev, E. D., & Marsh, E. J. (2019). Sticking to what you know: Evaluating truth reduces later reliance on fluency. Biennial Meeting of the Society for Applied Research in Memory and Cognition, Cape Cod, MA.

Brashier, N. M., & Marsh, E. J. (2018). Judging truth through “rose-tinted glasses”: Reliance on an affect heuristic. Annual Meeting of the Psychonomic Society, New Orleans, LA.

MENTORING

<i>Dissertation Committees</i>	Nikita Salovich, Northwestern '22 Garrett O'Day, Purdue '22
<i>Thesis Students</i>	Catherine Ho, Harvard '21 (2019 PRISE fellow, 2020 HCRP fellow) Jenna Lang, Harvard '21 (2020 BLISS fellow, Psychology Faculty Prize winner)
<i>Research Assistants</i>	T'Ajmal Hogue, Harvard '21 Ayesha Syed, Duke '21 Stephanie Ng, Duke '19 Sarah Turner, Duke '18 Gabriella Rivera, Duke '18 Julian Pino, Duke '18 Tannya Cai, Duke '17 Sophie Alman, Duke '17 Mack Chandler, Duke '16
2021	Mentor, SPARK Society Speed Mentoring
2021	Mentor, Women in Cognitive Science Speed Mentoring
2021	Invited Speaker, Women in Cognitive Science 'Mentoring Matters' Panel <i>presented 'best practices' for recruiting and retaining first-gen, low-income college students interested in cognitive science</i>
2021	Panelist, Harvard Primus Women's Month Career Panel <i>for first-gen, low-income women</i>
2020	Mentor, PPREP Program <i>helped underrepresented students apply to graduate school</i> ☞
2019	Certificate in Science Mentoring, Harvard University ☞
2018-21	Mentor, First Generation Harvard Alumni <i>supported first-generation Harvard freshmen</i> ☞
2018	Honoree, Celebrating Mentors <i>senior gift made to Duke in my honor</i> ☞
2017-18	Panelist, Supporting Undergraduates at Psychonomics Workshop
2014-16	Mentor, Bass Connections Aging and Heuristics Team ☞ <i>supervised full-time interdisciplinary summer research and independent study</i>

TEACHING

2022	IMPACT Faculty Fellowship, \$10,000 ☞
2021-2	Introduction to Cognitive Psychology, Purdue University
2018	Certificate in College Teaching, Duke University ☞
2015	Alcohol: Brain, Individual, & Society, with Dr. Amir Rezvani, Duke University
2015	Developmental Psychology, with Dr. Dana Kotter-Gruehn, Duke University
2014	Research Methods, with Dr. Chris Grimes, Duke University

2014 Developmental Psychology, with Dr. Dana Kotter-Gruehn, Duke University

SERVICE

Professional

2022 Team Member, First-Generation Landscape Analysis Project, Purdue University
2021 Steering Committee Member, Center on Aging and the Life Course, Purdue University
2019-21 Outside Examiner, Davidson College

Community

2018-21 Volunteer, Haymarket People's Fund | *funds antiracist organizations in New England* ☞
contributed to Ford Foundation grant, \$27,060
2016-18 Volunteer, Southern Coalition for Social Justice | *promotes racial equity in the South* ☞