

ANDREA L COURTNEY

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EDUCATION AND TRAINING

- 2018–present **Postdoctoral Scholar**
Department of Psychology, Stanford University, Stanford CA
- 2018 **Ph.D.**, Psychological & Brain Sciences
Dartmouth College, Hanover NH
- 2012 **M.A.**, Psychology
Wake Forest University, Winston-Salem NC
- 2010 **B.A.**, Psychology and Spanish
Wake Forest University, Winston-Salem NC
Summa Cum Laude

FELLOWSHIPS AND AWARDS

Fellowships

- 2022 **Fellow**, Summer School in Social Neuroscience and Neuroeconomics,
Duke University (postponed from 2020)
- 2019 **Fellow**, Summer Institute in Cognitive Neuroscience,
UC Santa Barbara
- 2017–2018 **Recipient**, NIH Predoctoral (F31) Ruth L. Kirschstein National Research Service Award
- 2015 **Nominated member**, AAAS/Science Program for Excellence in Science
- 2013 **Fellow**, Training Course in fMRI,
University of Michigan
- 2012 **Finalist**, Fulbright Research Grant
- 2009 **Summer Research Fellow**,
Wake Forest University

Awards and Honors

- 2015 **Recipient**, Marie A. Center 1982 Award for Excellence in Teaching,
Dartmouth College
- 2012 **Departmental nominee**, Gordon A. Melson Outstanding Master's Student Award,
Wake Forest University
- 2009 **Inductee**, Phi Beta Kappa
- 2009 **Inductee**, Golden Key International Honour Society
- 2009 **Inductee**, Psi Chi Psychology Honor Society

Travel Awards

- 2018 Graduate Studies Travel Award, *Dartmouth College*
2016 Departmental Travel Grant, *Dartmouth College*
2016 NSF Travel Award to Society for Social Neuroscience, *San Diego, CA*
2016 Graduate Student Council Travel Grant, *Dartmouth College*
2016 Departmental Travel Grant, *Dartmouth College*

RESEARCH POSITIONS

- 2018–present **Stanford University**, Stanford CA
Postdoctoral researcher
Advisor: Jamil Zaki
- 2018 **Dartmouth College**, Hanover NH
Predoctoral researcher
Advisor: Meghan Meyer
- 2010–2012 **Wake Forest University**, Winston-Salem NC
Master’s student researcher
Advisor: Janine Jennings
- Summer 2009 **Wake Forest University**, Winston-Salem NC
Summer Undergraduate Research Fellow
Advisor: Dale Dagenbach
- 2009–2010 **Wake Forest University**, Winston-Salem NC
Undergraduate research assistant
Advisor: Janine Jennings

PUBLICATIONS

Refereed Journal Articles

- 2021 **Courtney, A.L.**, Baltiansky, D., Fang, W.M., Roshanaei, M., Aybas, Y.C., Samuels, N.A., Wetchler, E., Wu, Z., Jackson, M.O., Zaki, J. (*under review*). Social microclimates and well-being.
- 2021 Fang, W.M., **Courtney, A.L.**, Jackson, M.O., Zaki, J. (*under review*). Low SES students report wellbeing gaps and perceive fewer social connections in college.
- 2020 **Courtney, A.L.** & Meyer, M.L. (2020). Self-other representation in the social brain reflects social connection. *Journal of Neuroscience*. **“Featured research” and “Most discussed research” June 2020.**

- 2020 **Courtney, A.L.**, Casey, B.J., Rapuano, K.M. (2020). A neurobiological model of alcohol marketing effects on underage drinking. *Journal of Studies on Alcohol and Drugs*.
- 2019 Lopez, R.B. *, **Courtney, A.L.***, Wagner, D.D. (2019). Recruitment of cognitive control regions during effortful self-control is associated with altered brain activity in control and reward systems in dieters during subsequent exposure to food commercials. *PeerJ–Brain and Cognition*.
- 2018 **Courtney, A.L.**, PeConga, E.K., Wagner, D.D., Rapuano, K.M. (2018). Calorie information and dieting status modulate reward and control activation during the evaluation of food images. *PLoS One*.
- 2018 **Courtney, A.L.**, Rapuano, K.M., Sargent, J.D., Heatherton, T.F., Kelley, W.M. (2018). Reward system activation in response to alcohol advertisements predicts college drinking. *Journal of Studies on Alcohol and Drugs*. **Top cited 2018**.
- 2018 **Courtney, A.L.**, Rapuano, K.M., Sargent, J.D., Heatherton, T.F., Kelley, W.M. (2018). Brain Reward Responses are Behaviorally Relevant. *Journal of Studies on Alcohol and Drugs*.
- 2014 Powers, K.E., **Worsham, A.L.**, Freeman, J.B., Wheatley, T., Heatherton, T.F. (2014). Social connection modulates perception of animacy. *Psychological Science*.

* *These authors contributed equally*
Formerly Andrea L. Worsham

Manuscripts in Preparation

Courtney, A.L., Roshanaei, M., Zee, K.S., Jackson, M.O., & Zaki, J. Lonely people under-perceive and under-utilize social connections.

Appel, R.A., **Courtney, A.L.**, Roshanaei, M., Zaki, J., Harari, G. Mental health in context: Individual differences, activities, and locations as predictors of momentary stress, anxiety, and loneliness.

Courtney, A.L. & Zaki, J. Accuracy and bias in social network nominations.

Rapuano, K.M., **Courtney, A.L.**, Sargent, J.D., Chang, L.J. Real-world goal-relevance organizes neural responses to naturalistic alcohol cues.

Rapuano, K.M., **Courtney, A.L.**, Sargent, J.D., Chang, L.J. Idiosyncratic brand preferences modify neural responses to advertisements.

CONFERENCE PRESENTATIONS

Talks

- 2021 “Social network and dorm community predictors of university student well-being.” Talk presented at Networks 2021: A Joint Sunbelt and NetSci Conference, Indiana University Network Science Institute.
- 2020 “Accuracy and bias in social network nominations.” Talk presented at the Social Cognition Pre-conference for the Society for Personality and Social Psychology 2020, New Orleans, LA.
- 2016 “Neural markers of self-regulation and its depletion.” Talk presented at the North Carolina Cognition Conference, Wake Forest University, Winston-Salem, NC.

Poster Presentations

- 2021 Courtney, A.L., Appel, R.A., Zaki, J. (February 2021). Loneliness Drives Under-Perceptions of Empathic Support in Social Networks and Interactions. Poster presented at the Virtual Annual Convention of the Society for Personality and Social Psychology.
- 2020 Courtney, A.L. & Meyer, M.L. (May 2020). Self-other representation in the social brain reflects social connection. Poster accepted for the Annual Meeting of the Social and Affective Neuroscience Society, Santa Barbara, CA. (Conference canceled)
- 2020 Courtney, A.L. & Zaki, J. (April 2020). Affective Vulnerability Reduces Perceived Social Network Connections. Poster accepted for the Society for Affective Science Conference, San Francisco, CA. (Conference canceled)
- 2020 Courtney, A.L. & Zaki, J. (February 2020). Accuracy and Bias in Social Network Nominations. Poster presented at the Annual Convention of the Society for Personality and Social Psychology, New Orleans, LA.
- 2018 Courtney, A.L. & Meyer, M.L. (June 2018). Representational Similarity of Self and Others in Medial Prefrontal Cortex Reflects Social Closeness. Poster presented at the Annual Meeting of the Organization for Human Brain Mapping, Singapore.
- 2018 Courtney, A.L. & Meyer, M.L. (May 2018). Social Closeness Modulates Representational Similarity Between the Self and Others in the Medial Prefrontal Cortex. Poster presented at the Annual Meeting of the Social and Affective Neuroscience Society, Brooklyn, NY.
- 2017 Courtney, A.L., PeConga, E.K., Rapuano, K.M., Heatherton, T.F., & Kelley, W.M. (November 2017). Calorie information modulates reward and control activation in response to food images. Poster presented at the Annual Meeting of the Society for Neuroscience, Washington, D.C.

- 2016 Courtney, A.L., Heatherton, T.F., Kelley, W.M. (November 2016). Self-regulatory depletion increases liking but attenuates social processing for extraverts. Poster presented at the Annual Meeting of the Society for Social Neuroscience, San Diego, CA.
- 2016 Worsham Courtney, A.L., Heatherton, T.F., & Kelley, W.M. Self-regulatory depletion enhances social reward for extraverts. (January 2016). Poster presented at the Annual Convention of the Society for Personality and Social Psychology, San Diego, CA.
- 2015 Worsham Courtney, A.L., Rapuano, K.M., Sargent, J.D., Kelley, W.M., & Heatherton, T.F. Reward activation elicited by alcohol advertisements predicts real-world drinking behavior. (April 2015). Poster presented at Social and Affective Neuroscience Society Conference, Boston, MA.
- 2014 Worsham, A.L., Rapuano, K.M., Kelley, W.M., Sargent, J.D., & Heatherton, T.F. Brain activation in response to alcohol advertisements predicts drinking behavior. (April 2014). Poster presented at 7th Annual Integrative Biology Symposium, Dartmouth College, Hanover, NH
- 2011 Worsham, A.L., Jennings, J.M., & Dagenbach, D. (November 2011). Cognitive Interventions and Variability in Older Adults: Relationships with Training Success and Neural Network Metrics. Poster presented at 52nd Annual Psychonomic Society Conference, Seattle, WA.

DEPARTMENTAL PRESENTATIONS

Talks

- 2020 “Reward system responsivity to alcohol ads and real-world drinking”, Talk presented to the Symbiotic Project on Affective Neuroscience Laboratory (PI: Brian Knutson), Stanford University, Stanford, CA.
- 2018 “Social closeness blurs the neural representation of the self and others”, Affective Science Seminar, Stanford University, Stanford, CA.
- 2018 “Social Closeness Modulates the Neural Representation and Perception of the Self and Others”, Dissertation, Dartmouth College, Hanover, NH.
- 2018 “Representational similarity of self and others in MPFC reflects social closeness” Talk presented at the Prospective Weekend Data Blitz, Dartmouth College, Hanover, NH.
- 2017 “Does social connection modulate the representation of self and close others?” Talk presented at the Social Area Labs Meeting, Dartmouth College, Hanover, NH.
- 2016 “Self-regulatory depletion targets cognitive control networks.” Talk presented at the Social Brain Sciences Data Blitz, Dartmouth College, Hanover, NH.

2014 “Does social context influence the reward value of appetitive stimuli?” Talk presented at the Social and Behavioral Workshop, Dartmouth College, Hanover, NH

TEACHING EXPERIENCE

Dartmouth College

Graduate Ethics Course, **Facilitator** (Fall 2017), Supervising staff: Kerry Landers

I facilitated a required four-week seminar on research ethics for 12 first-year graduate students. I gave short presentations, assigned case studies, and facilitated group discussion on “Professionalism”, “Mentorship”, “Authorship, Peer Review, and Academic Integrity”, and “Data Collection”.

New TA Orientation, **Facilitator** (Winter 2015 & Winter 2016), Dartmouth Center for the Advancement of Learning, Supervising staff: Cindy Tobery

For two years I was selected to facilitate a workshop for new graduate teaching assistants. I developed a curriculum and co-facilitated a section on “First Day of Class and Connecting with Students” (December 2015), “Feedback and Assessment” (December 2016), and “Tricky Situations in Teaching” (both years), in addition to providing feedback during a micro-teaching section.

Systems Neuroscience with Laboratory, **Lab Instructor** (Fall 2013, Fall 2014, Spring 2015), Supervising faculty: Jeff Taube, Robert Maue, Kyle Smith

I instructed a 12-16 person lab section on neuroanatomy that complement the lecture portion of this course for neuroscience majors. This included providing a brief introduction to each lab, directing a sheep brain dissection and Morris Water maze experiment, grading lab work, and designing and grading a lab practicum.

Experimental Design, Methodology and Data Analysis Procedures, **Teaching Assistant and Guest Lecturer** (Spring 2014), Supervising faculty: John Pfister

I led weekly workshops, during an optional class period, where I reviewed homework questions and demonstrated the use of statistical software (SPSS) to organize and analyze data. I also guest lectured on the use of Chi-Square tests for count data, held weekly office hours, and graded homework assignments.

Statistics Summer Seminar for Humanities Faculty, **Unit instructor and Statistics Consultant** (Summer 2014), Supervising faculty: John Pfister & Christiane Donahue.

I was invited to instruct the “Data Treatment” and “Advanced Statistics” components of a one-week Statistics Summer Seminar for Humanities Faculty hosted by Dartmouth College. In addition, I acted as an independent statistics consultant for the workshop participants during this week.

Wake Forest University

Research Methods and Statistics II, **Lab Instructor** (Fall 2010, Spring 2011, Fall 2011, Spring 2012), Supervising faculty: Eric Stone & Wayne Pratt

I instructed a 12-15 person lab section in a course for psychology majors where students practiced designing studies and analyzing data using statistical software (SPSS). During lab, I

reviewed homework assignments and directed in-lab assignments. I also held test review sessions and graded homework assignments and tests.

Mentoring

2021– Samantha Grayson, Research Coordinator, Stanford University
2021– Daniel Ogunbamowo, Research Coordinator, Stanford University
2020– Sydney Garcia, Research Coordinator, Stanford University
2019–2021 Wicia Fang, Research Coordinator, Stanford University
2019–2021 Dean Baltiansky, Research Coordinator, Stanford University
2018–2019 Matt Leipzig, Research Coordinator, Stanford University
2017–2018 Thuy-Vy Nguyen, Presidential Scholar, Dartmouth College
2016–2017 Serena Zhu, Sophomore Science Scholar, Dartmouth College
2016 Kristina Mani, Neukom Institute Scholar, Dartmouth College
2015–2016 Emma PeConga, Undergraduate Honor Student, Dartmouth College
2012–2013 Sophie Palitz, Undergraduate Honor Student, Dartmouth College

SERVICE & OUTREACH

2021 Member of 500 Women Scientists (Bay Area)
2020 Departmental Colloquium discussion panelist, Stanford University
2020 Panelist for the Stanford Social Neuroscience Lab Professional Development series
2019 Advocate for expansion of Dartmouth College Campus Climate and Culture Initiative
2014–2016 Department Experiment and Subject Pool management and SONA administrator
2014 Neuroscience lab instructor for young mothers at the Family Place, Dartmouth College
2012–2017 Activity leader and volunteer for middle school Science Day, Dartmouth College
2012–2014 Departmental Representative to the Graduate Student Council

AD HOC PEER REVIEW

Addiction Biology, Emotion, European Archives of Psychiatry and Clinical Neuroscience, Experimental and Clinical Psychopharmacology, Frontiers in Psychiatry, Journal of Experimental Psychology: General, Scientific Reports

Publons profile: <https://publons.com/researcher/1660568/andrea-courtney/>

INVITED MEDIA COMMENTARY

CNN Health, NEO.LIFE

PROFESSIONAL AFFILIATIONS

Social & Affective Neuroscience Society
Society for Personality and Social Psychology

Andrea L. Courtney

Society for Affective Science
Society for Neuroscience
Organization for Human Brain Mapping
Networks Science Institute

PROFESSIONAL DEVELOPMENT

2020 Preparing for Faculty Careers Course, Stanford University
2012–2018 Professional Development workshop series at Dartmouth Center for the
 Advancement of Learning and Dartmouth School of Graduate and Advanced Studies
2017 AFNI Neuroimaging Bootcamp, by AFNI team at Dartmouth College
2017 Tools of the Trade Neuroimaging Workshop, Los Angeles, CA
2017 Workshop on Emerging Technologies & Data Analytics for Behavioral Health,
 Dartmouth College
2016 Readable Writing Workshop, Hanover, NH
2016 NeuroImaging Workshop on the Dynamic Social Brain,
 San Diego, CA
2015 Neural Decoding (Audit), Dartmouth College
2015 PyMVPA Workshop, Dartmouth College
2015 Introduction to Programming for Psychologists & Neuroscientists Course, Dartmouth
 College
2013 Communicating Science Course, Dartmouth College
2013 fMRI Summer Training Workshop, funded by NIH,
 University of Michigan

REFERENCES

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Matthew O. Jackson, Ph.D., 579 Jane Stanford Way, Stanford, CA 94305, Stanford University,
jacksonm@stanford.edu