

Shannon Burns, Ph.D.

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EMPLOYMENT & EDUCATION

Postdoctoral Scholar	Princeton University	2021-2022
Postdoctoral Scholar	Annenberg School of Communication, University of Pennsylvania	2020-2021
Ph.D., Social Psychology (minor: Quantitative Psychology)	University of California – Los Angeles	2020
M.A., Social Psychology	University of California – Los Angeles	2016
B.A., Psychology	Pomona College	2015

PUBLICATIONS

- Burns, S.M.**, Barnes, L.N., Dale, R., & Lieberman, M.D. (submitted). Empathic construal: How personal and experience similarity shape neural and self-report responses to others' disclosures.
- Cosme, D., Scholz, C., Chan, H.Y., Doré, B.P., Pandey, P., Carreras-Tartak, J., Cooper, N., Paul, A., **Burns, S.M.**, & Falk, E.B. (submitted). Message self and social relevance increases intentions to share content: Correlational and causal evidence from six studies.
- Sahi, R., Dieffenbach, M.A., Gan, S., Lee, M., Hazlett, L., **Burns, S.M.**, Lieberman, M.D., Shamay-Tsoory, S., & Eisenberger, N.I. (2021). The comfort in touch: Immediate and lasting effects of handholding on emotional pain. *PLoS One*, *16*(2), e0246753. doi: <https://doi.org/10.1371/journal.pone.0246753>
- Dieffenbach, M.C., Gillespie, G.S.R., **Burns, S.M.**, McCulloh, I.A., Ames, D.L., Dagher, M.M., Falk, E.B., & Lieberman, M.D. (2021). Neural reference groups: A synchrony-based classification approach for predicting attitudes using fNIRS. *Social Cognitive and Affective Neuroscience*, *16*(1), 117-128. doi: 10.1093/scan/nsaa115
- Burns, S.M.**, Barnes, L.N., McCulloh, I.A., Dagher, M.M., Falk, E.B., Storey, J.D., & Lieberman, M.D. (2019). Making social neuroscience less WEIRD: Using fNIRS to measure neural signatures of persuasive influence in a Middle East participant sample. *Journal of Personality and Social Psychology*, *116*(3), e1-e11. doi: 10.1037/pspa0000144

Burns, S.M., Barnes, L.N., Katzman, P.L, Ames, D.L., Falk, E.B., & Lieberman, M.D. (2018). A functional near infrared spectroscopy (fNIRS) replication of the sunscreen persuasion paradigm. *Social Cognitive and Affective Neuroscience*, 13(6), 628-636.

Lieberman, M.D., **Burns, S.M.**, Torre, J.B., & Eisenberger, N.I. (2016). Reply to Wager et al: Pain and the dACC: The importance of hit rate-adjusted effects and posterior probabilities with fair priors. *Proceedings of the National Academy of Sciences*, 113, E2476-E2479.

INVITED TALKS

**indicates presenting author*

***Burns, S.M.** (Apr 2021). On the same page: Dynamics of sharing perspective during communication. Invited talk presented at Dartmouth University Social Psychology Brown Bag.

***Burns, S.M.** (Sep 2020). Variations in empathic understanding as a function of personal experience and identity. Invited talk presented at Princeton University Psychology Social Seminar.

***Burns, S.M.**, Barnes, L.N., Dale, R., & Lieberman, M.D. (Sep 2019). Dynamic neural systems in natural social interaction. Invited talk presented at University of Pennsylvania & Princeton University.

***Burns, S.M.**, Cooper-White, M.A., Barnes, L.N., McCulloh, I.A., Dagher, M.M., Falk, E.B., Storey, J.D., & Lieberman, M.D. (Feb 2018). Cross-cultural examination of brain indicators of persuasion. Symposium talk at the *Society for Personality and Social Psychology Annual Convention*. Atlanta, GA.

***Burns, S.M.**, Barnes, L.N., Katzman, P.L, Ames, D.L., Falk, E.B., McCulloh, I.A., Dagher, M.M., Storey, J.D., & Lieberman, M.D. (May 2017). Neuroscience beyond the scanner: Social brain processes in real-world contexts. Invited talk presented at UCLA Psychology Department.

AWARDS & HONORS

Shelley Taylor Dissertation Award – for an outstanding doctoral dissertation in social psychology – UCLA Psychology Department 2020

UCLA Dissertation Year Fellowship (\$20,000) 2019

Collegium of University Teaching Fellowship – one of 20 graduate students across UCLA selected for teaching merit, awarded opportunity to design and teach own class 2019

Harold H. Kelley Award – for a meritorious research paper addressing basic issues or theory - UCLA Psychology Department	2018
Society for Personality and Social Psychology Student Travel Award (\$500)	2017
National Science Foundation Graduate Research Fellowship (\$34,000/year for 3 years)	2016

TEACHING & MENTORING

Overall average teaching score: 8.2/9

Instructor of Record	Psychology of the Mob, UCLA – developed and individually taught discussion and writing-based seminar class	2020
Teaching Assistant	Neuroscience of Social Perception, UCLA – Grade reading responses and exams, guest lecture on neuroscience research methods	2019
	Social Influence, UCLA – Grade research papers, assist students in study guide development, guest lecture on the neuroscience of social influence	2018
	Intimate Relationships, UCLA – Lead review sessions	2018
	Social Psychology, UCLA – Lead 2 discussion sections connected to course, grade reading responses and exams	2017
	Human Brain Laboratory, Pomona College – Guide students in learning research methods in lab, grade final research projects, guest lecture on social cognition in the brain	2015
	Introduction to Psychology, Pomona College – Grade quizzes, guest lecture on designing surveys for research	2014
Student Mentoring	Principal supervisor for 22 independent research students – train students in research methods and guide their development of independent research projects.	2017-present

Research Training	Workshop creator and instructor – Design and teach 3-day bootcamp on fNIRS data collection and analysis for graduate and undergraduate members of research lab	2019
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SPECIALIZED TRAINING & SKILLS

Brain Imaging: Functional near infrared spectroscopy; functional magnetic resonance imaging
Programming Languages: Matlab, Python, R

Summer School in Social Neuroscience and Neuroeconomics – Duke University	2019
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São Paulo School of Advanced Science on Social and Affective Neuroscience - Universidade Presbiteriana Mackenzie – São Paulo, Brazil	2018
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Methods in Neuroscience at Dartmouth Training Course - Dartmouth University	2017
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Summer Training Course in fMRI - University of Michigan	2016
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Functional Near Infrared Spectroscopy Intensive Course - MGH/HST Athinoula A. Martinos Center for Biomedical Imaging Massachusetts General Hospital	2015
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CONSULTING EXPERIENCE

Lotic.ai	Advised on evidence-based product development, designed and executed research and analysis on how to predict well-being from text	2021-present
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Resonance, Inc.	Create cognitive and neural tests for predicting optimal employee workgroup compositions	2018-2020
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ORB International & IIACSS	Use neural indicators of persuasion to develop personalized public health messaging in Amman, Jordan	2016-2017
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SERVICE & PROFESSIONAL ACTIVITIES

Ad-hoc reviewer for <i>Social, Cognitive, & Affective Neuroscience</i> ; <i>Social</i>	2016-present
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Curriculum Vitae - Shannon Burns

Neuroscience; Emotion; IEEE; Psychosomatic Medicine; eLife; Society for Personality and Social Psychology Annual Conference

Trainee Mentor Society for Functional Near-Infrared Spectroscopy	2020-present
Writing & Reviewing Mentor Undergraduate Research Journal of Psychology UCLA	2018-2020
Social Area Speaker Event Coordinator UCLA Department of Psychology	2017
Social Area Student Representative UCLA Department of Psychology	2016-2017
Speaker Event Coordinator Association for Underrepresented Graduate Students in Psychology UCLA	2015-2016

AFFILIATIONS

Social & Affective Neuroscience Society
Society for Social Neuroscience
Society for Personality and Social Psychology

REFERENCES

Dr. Matthew Lieberman – lieber@ucla.edu
Dr. Diana Tamir – dtamir@princeton.edu
Dr. Emily Falk – emily.falk@asc.upenn.edu