

Shannon Burns, Ph.D.

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shannonmburns.com

EMPLOYMENT & EDUCATION

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

Sahi, R., Dieffenbach, M.A., Gan, S., Lee, M., Hazlett, L., **Burns, S.M.**, Lieberman, M.D., Shamay-Tsoory, S., & Eisenberger, N.I. (in press). The comfort in touch: Immediate and lasting effects of handholding on emotional pain.

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.

ORAL PRESENTATIONS

**indicates presenting author*

- *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

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| 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

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| Instructor of Record | Psychology of the Mob, UCLA – developed and individually taught discussion and writing-based seminar class | 2020 |
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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 20 independent research students – train students in research methods and guide their development of independent research projects.	2017-2021
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

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

São Paulo School of Advanced Science on Social and Affective Neuroscience 2018
 - Universidade Presbiteriana Mackenzie – São Paulo, Brazil

Methods in Neuroscience at Dartmouth Training Course - Dartmouth University	2017
Summer Training Course in fMRI - University of Michigan	2016
Functional Near Infrared Spectroscopy Intensive Course - MGH/HST Athinoula A. Martinos Center for Biomedical Imaging Massachusetts General Hospital	2015

CONSULTING EXPERIENCE

Resonance, Inc.	Create cognitive and neural tests for predicting optimal employee workgroup compositions	2018-present
ORB International & IIACSS	Use neural indicators of persuasion to develop personalized public health messaging in Amman, Jordan	2016-2017

SERVICE & PROFESSIONAL ACTIVITIES

Ad-hoc reviewer for <i>Social, Cognitive, & Affective Neuroscience</i> ; <i>Social Neuroscience</i> ; <i>Emotion</i> ; <i>IEEE</i> ; <i>Psychosomatic Medicine</i> ;	2016-present
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