Shannon Burns, C.Phil

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EDUCATION

Ph.D., Social Psychology (minor: Quantitative Psychology)	University of California – Los Angeles	Expected June 2020
Advancement to Doctoral Candidacy	University of California – Los Angeles	March 2019
M.A., Social Psychology	University of California – Los Angeles	2016
B.A., Psychology	Pomona College	2015

PUBLICATIONS

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.

MANUSCRIPTS IN PREPARATION

Burns, S.M. & Lieberman, M.D. (in prep). The use of fNIRS for unique contributions to social and affective neuroscience. Preprint: https://psyarxiv.com/kygbm

Barnes, L.N., **Burns, S.M.,** & Lieberman, M.D. (in prep). Interpersonal neural dynamics underlying empathy and shared experience.

Burns, S.M., Barnes, L.N., & Lieberman, M.D. (in prep). Behavioral and neural differences in empathy as a function of shared experience.

Burns, S.M., & Lieberman, M.D. (in prep). The effect of ambiguity on neural processing of perceived emotion.

Burns, S.M., Dale, R., & Lieberman, M.D. (in prep). Decision-making partners coordinate brain state transitions during interaction.

Ames, D.L., Cooper-White, M.A., **Burns, S.M.,** Gillespie, G.S.R., Tan, K., & Lieberman, M.D. (in prep). "I did" vs. "You should:" Neural predictors of persuasion in response to descriptive and prescriptive messages.

CONFERENCE TALKS

Burns, S.M. (Feb 2018). Cross-cultural examination of brain indicators of persuasion. Symposium talk at the *Annual Convention of the Society for Personality and Social Psychology.* Atlanta, GA.

POSTER PRESENTATIONS

*indicates presenting author

*Burns, S.M. & Lieberman, M.D. (May 2019). Coordinated neural state transitions during interpersonal communication. Presented at the *Annual Meeting of the Social & Affective Neuroscience Society,* Miami, FL.

*Cooper-White, M.A., Gillespie, G.S.R., **Burns, S.M.,** McCulloh, I.A., Ames, D.A., Dagher, M.M., & Lieberman, M.D. (May 2019). Neural partisanship in the Middle East: An fNIRS study. Presented at the *Annual Meeting of the Social & Affective Neuroscience Society,* Miami, FL.

*Burns, S.M., Barnes, L.N., McCulloh, I., Dagher, M., Falk, E.B., & Lieberman, M.D. (Apr 2018). Making social neuroscience less WEIRD: Neural signatures of persuasive influence in the Middle East as measured with fNIRS. Presented at the *Annual Meeting of the Social & Affective Neuroscience Society,* Brooklyn, NY.

*Burns, S.M., Barnes, L., Katzman, P., & Lieberman, M.D. (Apr 2017). Neural predictors of persuasion-induced behavior change, as measured with fNIRS. Presented at the *Annual Meeting of the Social & Affective Neuroscience Society,* Los Angeles, CA.

*Burns, S.M. & *Ragsdale, A. (Aug 2014). Measuring rTPJ activity in response to theory of mind task using fNIRS. Presented at the *Pomona College Annual Summer Undergraduate Research Poster Conference,* Claremont, CA.

AWARDS & HONORS

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/yr for 3 years)	2016
Distinction in the Senior Exercise - Pomona College	2015
Pomona College Scholar (Dean's List)	Spring 2015 Fall 2014 Spring 2014 Fall 2012

TEACHING & MENTORING EXPERIENCE

Overall average teaching score: 8.24/9

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, lead review sessions, 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, assist students in study guide development	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 16 students in PSYCH 196A/B** – train students in research methods and guide their development of independent research projects.	2017-present
Research Training	**Course creator and instructor –** Design and teach 3-day bootcamp course 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; electroencephalography
Programming Languages: Matlab, Python, R
Other Relevant Computing Software: SPM, SPSS

Summer School in Social Neuroscience and Neuroeconomics – Duke University	2019
São Paulo School of Advanced Science on Social and Affective Neuroscience - Universidade Presbiteriana Mackenzie – São Paulo	2018
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 *Social, Cognitive, & Affective Neuroscience; Emotion*	2016-present
Writing & Reviewing Mentor Undergraduate Research Journal of Psychology UCLA	2018-2019
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
Psy Chi International Honor Society in Psychology
Mortar Board National Honor Society

REFERENCES

Dr. Matthew Lieberman, UCLA Department of Psychology (lieber@ucla.edu)
Dr. Carolyn Parkinson, UCLA Department of Psychology (cparkinson@ucla.edu)
Dr. Rick Dale, UCLA Department of Communication (rdale@ucla.edu)