

# Carolyn Parkinson

Department of Psychology, University of California, Los Angeles  
5532 Pritzker Hall, Los Angeles, CA 90095  
E-mail: cparkinson@ucla.edu | Phone: (612) 234-2276  
Web: csnlab.org

## **ACADEMIC APPOINTMENTS**

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July 2020 – July 2025	Wendell Jeffrey and Bernice Wenzel Term Endowed Chair in Cognitive Neuroscience University of California, Los Angeles
Jan. 2018 – Present	Faculty, Brain Research Institute University of California, Los Angeles
March 2016 – Present	Assistant Professor, Department of Psychology University of California, Los Angeles

## **EDUCATION AND TRAINING**

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Sept. 2015 – Feb. 2016	Postdoctoral Researcher, Dartmouth College
Sept. 2015 (conferred June 2016)	Ph.D. in Cognitive Neuroscience, Dartmouth College Advisor: Dr. Thalia Wheatley
Sept. 2008 – June 2009	Research Coordinator, Peking University & McGill University
June 2008	B.Sc. (First Class Honors) in Psychology, McGill University

## **FELLOWSHIPS, HONORS, AND AWARDS**

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2021–2026	National Science Foundation CAREER Award
2018–2020	Alfred P. Sloan Research Fellowship in Neuroscience
2018–2019	UCLA Equity, Diversity and Inclusion Faculty Career Development Award
2018	Social and Affective Neuroscience Society Innovation Award
2018	UCLA Life Sciences Excellence Award for Outstanding Research
2017, 2018	UCLA Academic Senate Council on Research Travel Award
2016	William M. Smith Promise Award in the Brain Sciences, Dartmouth College
2016	Hannah Croasdale Award for Academic Excellence (college-wide dissertation award), Dartmouth College
2012, 2015, 2016	Neukom Institute for Computational Science Travel Grant
2015	Social and Affective Neuroscience Society Poster Award
2015	Graduate Travel Award, Dartmouth Graduate Studies
2014–2015	Neukom Institute for Computational Science Graduate Fellowship

2014	Neukom Institute for Computational Science Prize for Outstanding Graduate Research in Computational Science
2014	Graduate Alumni Research Award, Dartmouth College
2014	Outstanding Graduate Student Teacher Award, Dartmouth College Center for the Advancement of Learning
2014	Summer Institute in Cognitive Neuroscience Fellow, University of California, Santa Barbara
2010–2013	Natural Sciences and Engineering Research Council of Canada Postgraduate Scholarship – Doctoral
2013	Advanced Neuroimaging Summer Training Program Fellow, UCLA Semel Institute for Neuroscience and Human Behavior
2013	Social and Affective Neuroscience Society Graduate Student Travel Award
2013	Conference Travel Grant, Dartmouth Graduate Student Council
2012	Marie A. Center 1982 Award for Research Excellence, Dartmouth College
2012	Society for Neuroscience Graduate Student Travel Award
2012	Society for Social Neuroscience Travel Award
2010	Cognitive Neuroscience Society Graduate Student Award
2009	Presidential Graduate Fellowship, Dartmouth College
2004–2008	Millennium Excellence Award, Canada Millennium Scholarship Foundation
2004–2008	J.W. McConnell Scholarship, McGill University
2007	Natural Sciences and Engineering Research Council of Canada Undergraduate Student Research Award
2006	Millennium Excellence Grant, Canada Millennium Scholarship Foundation
2004	Governor General's Academic Medal
2004	Rockwell Automation Bursary
2003	University of Toronto National Book Award

## **RESEARCH SUPPORT**

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### **CURRENT (SORTED BY END DATE)**

National Institute of Mental Health (09/01/2021–08/31/2026). *Disrupted neural synchrony during naturalistic perception in schizophrenia: Toward a new biomarker of social dysfunction* (R01 MH128720). Role: PI (multiple PI grant with Eric A. Reavis). \$3,631,321 (total costs).

National Science Foundation (05/01/2021–04/30/2026). *CAREER: Understanding how knowledge of social networks shapes thoughts, feelings, and behaviors*. Role: PI. \$747,557 (total costs).

National Science Foundation (09/01/2021–08/31/2024). *NCS-FO: Cognitive maps as a framework for organizing relationships in large-scale real social networks*. Role: Consultant (PIs: Oriel FeldmanHall and Matthew Nassar). \$775,948 (total costs).

National Research Foundation of Korea (07/01/2021–06/30/2024). *A Korean study of adolescent health*. Role: Co-I (PI: Yoosik Youm). \$404,616 (total costs).

Templeton World Charity Foundation (09/01/2019–08/31/2023). *Survival circuit influences on human nature*. Role: PI for UCLA subaward from 08/01/2021 onward (Lead PI: Joseph Ledoux). \$177,643 (total costs for UCLA subaward). Note: The original PI for the UCLA subaward for this grant was Hakwan Lau, prior to his departure from UCLA.

National Science Foundation (04/01/2019–03/31/2023). *NCS-FO: How real-world interaction networks shape and are shaped by neural information processing*. Role: PI (multiple PI grant with Mason A. Porter). \$976,747 (total costs).

National Science Foundation (09/01/2021–08/31/2022). *SaTC: EAGER: Investigation of misinformation beliefs expressed and spread online*. Role: PI (multiple PI grant with Morteza Dehghani and Jonas Kaplan). \$195,213 (total costs); \$65,166 (total costs for UCLA subaward).

### **COMPLETED**

Alfred P. Sloan Foundation Fellowship (09/15/2018–09/14/2020). Role: PI. \$65,000.

UCLA Equity, Diversity and Inclusion Faculty Career Development Award (07/01/2018–06/30/2019). *How context shapes the neural encoding of social network position*. Role: PI. \$14,550.

UCLA Academic Senate Council on Research Faculty Research Grant (07/01/2018–06/30/2019). *Testing for the spontaneous neural encoding of social network knowledge*. Role: PI. \$8,044.

UCLA Academic Senate Council on Research Faculty Research Grant (07/01/2017–06/30/2018). *Are spatial and social cognition supported by common underlying neural mechanisms?* Role: PI. \$8,730.

### **EXTRAMURAL TRAINEE SUPPORT**

National Science Foundation Directorate for Social, Behavioral and Economic Sciences Postdoctoral Research Fellowship (2022–2024). Trainee: João F. Guassi Moreira.

National Science Foundation Graduate Research Fellowship (2021–2024). Trainee: Ruby Basyouni.

National Science Foundation Graduate Research Fellowship (2020–2023). Trainee: Miriam Weaverdyck.

National Science Foundation Directorate for Social, Behavioral and Economic Sciences Postdoctoral Research Fellowship (2019–2022). Trainee: Elisa Baek.

## **PUBLICATIONS**

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### **SELECTED FORTHCOMING MANUSCRIPTS**

\*Signifies student/trainee

Basyouni, R.\* & **Parkinson, C.** (Invited). Mapping the social landscape: Tracking simple and complex patterns of social relationships.

Baek, E. C.\* & **Parkinson, C.** (Invited). Shared understanding and social connection: Integrating approaches from social psychology, social network analysis, and neuroscience.

Baek, E. C.\* & **Parkinson, C.** (Invited). Computational Social Neuroscience. In J. Chiao (Ed.), *The Oxford Handbook of Social and Affective Neuroscience*, New York: Oxford University Press.

Baek, E. C.\*, Hyon, R.\*, López, K.\*, Porter, M. A., & **Parkinson, C.** (Under review). Lonely individuals process the world in idiosyncratic ways. Preprint: [doi.org/10.31234/osf.io/yt872](https://doi.org/10.31234/osf.io/yt872)

Weaverdyck, M. E.\*, Du, M.\*, & **Parkinson, C.** (Under review). Learning the structure of social worlds: Brokerage affects one's ability to learn new social networks.

Hyon, R.\*, Chavez, R. S., Chwe, J. A.\*, Wheatley, T., Kleinbaum, A. M., & **Parkinson, C.** (In revision). White matter connectivity in brain systems supporting social and affective processing predicts real-world social network characteristics.

Baek, E. C.\*, Hyon, R.\*, López, K.\*, Finn, E. S., Porter, M. A., & **Parkinson, C.** (In revision). Popularity is linked to neural coordination. Preprint: [doi.org/10.31234/osf.io/6fj2p](https://doi.org/10.31234/osf.io/6fj2p)

Weaverdyck, M. E.\*+, Du, M.\*+, Li, Y.\*+, Chang, L. J., & **Parkinson, C.** (In revision). Homophily serves as a social prior: The assumption that "birds of a feather flock together" shapes social decisions and relationship beliefs.

\*Contributed equally

### **PUBLISHED AND IN-PRESS MANUSCRIPTS**

\*Signifies student/trainee

Sievers, B., **Parkinson, C.**, Kohler, P. J., Hughes, J., Fogelson, S. V., & Wheatley, T. (In press). Visual and auditory brain areas share a representational structure that supports emotion perception. *Current Biology*.

Sahi, R. S.\*, Weaverdyck, M. E.\*, **Parkinson, C.**, & Eisenberger, N. I. (2021). Having more virtual interaction partners during COVID-19 physical distancing measures may benefit mental health. *Scientific Reports*, 11(1): 18273.

Rosenfeld, D. L., Balcetis, E., Bastian, B., Berkman, E. T., Bosson, J. K., Brannon, T. N., Burrow, A. L., Cameron, C. D., Chen, S., Cook, J. E., Crandall, C., Davidai, S., Dhont, K., Eastwick, P. W.,

- Gaither, S. E., Gangestad, S. W., Gilovich, T., Gray, K. J., Haines, E. L., ... **Parkinson, C.**, ... Tomiyama, A. J. (2021). Psychological science in the wake of COVID-19: Social, methodological, and meta-scientific considerations. *Perspectives on Psychological Science*. [Epub ahead of print: [doi.org/10.1177/1745691621999374](https://doi.org/10.1177/1745691621999374)]
- Du, M.\* & **Parkinson, C.** (2021). Navigating social knowledge. *Nature Neuroscience*, 24, 1195–1197.
- Parkinson, C.** (2021). Computational methods in social neuroscience: Recent advances, new tools, and future directions. *Social Cognitive and Affective Neuroscience*, 16(8), 739–744.
- Baek, E.\*, Porter, M. A., & **Parkinson, C.** (2021). Social network analysis for social neuroscientists. *Social Cognitive and Affective Neuroscience*, 16(8), 883–901.
- Du, M.\*, Basyouni, R.\*, & **Parkinson C.** (2021). How does the brain navigate knowledge of social relations? Testing for shared neural mechanisms for shifting attention in space and social knowledge. *NeuroImage*, 235, 118019.
- Alt, N. A.\*, **Parkinson, C.**, Kleinbaum, A. M., & Johnson, K. L. (2021). The face of social networks: Naïve observers' accurate assessment of others' social network positions from faces. *Social Psychological and Personality Science*. [Epub ahead of print: [doi.org/10.1177/19485506211003723](https://doi.org/10.1177/19485506211003723)]
- Hyon, R.\*, Youm, Y., Kim, J., Chey, J., Kwak, S., & **Parkinson, C.** (2020). Similarity in functional brain connectivity at rest predicts interpersonal closeness in the social network of an entire village. *Proceedings of the National Academy of Sciences of the United States of America*, 117(52), 33149–33160.
- Article featured in the PNAS Front Matter Journal Club, which highlights recently published papers selected by Academy members.
- Guassi Moreira, J.\*, Sahi, R., Ninova, E., **Parkinson, C.**, & Silvers, J. (2020). Performance and belief-based emotion regulation capacity and tendency: Mapping links with cognitive flexibility and perceived stress. *Emotion*. [Epub ahead of print: [doi.org/10.1037/emo0000768](https://doi.org/10.1037/emo0000768)]
- Parkinson, C.**, Wheatley, T., & Kleinbaum, A. M. (2020). The Neuroscience of Social Networks. In R. Light & J. Moody (Eds.), *The Oxford Handbook of Social Network Analysis*, pp. 496–515. New York: Oxford University Press.
- Weaverdyck, M. E.\*, Lieberman, M. D., & **Parkinson, C.** (2020). Multivoxel pattern analysis in fMRI: A practical introduction for social and affective neuroscientists. *Social Cognitive and Affective Neuroscience*, 15(4), 487–509.
- Parkinson, C.** & Du, M.\* (2020). How does the brain infer hidden social structures? *Trends in Cognitive Sciences*, 24(7), 497–498.

Hyon, R.\*, Kleinbaum, A. M., & **Parkinson, C.** (2020). Social network proximity predicts similar trajectories of psychological states: Evidence from multi-voxel spatiotemporal dynamics. *NeuroImage*, 216, 116492.

**Parkinson, C.** (2018). Emotion in the Social World. In A. S. Fox, R. C. Lapate, A. J. Shackman, & R. J. Davidson (Eds.), *The Nature of Emotion: Fundamental Questions* (2<sup>nd</sup> Edition), pp. 222-225. New York: Oxford University Press.

Weaverdyck, M. E.\* & **Parkinson, C.** (2018). The neural representation of social networks. *Current Opinion in Psychology*, 24, 58-66.

**Parkinson, C.**, Kleinbaum, A. M., & Wheatley, T. (2018). Similar neural responses predict friendship. *Nature Communications*, 9, 332.

- Article commentary in *Trends in Cognitive Sciences* ("Spotlight" piece by M. D. Lieberman); featured in *Nature Communications'* monthly Editor's Highlights section; awarded the UCLA Life Sciences Excellence Award for Outstanding Research.

**Parkinson, C.**, Kleinbaum, A. M., & Wheatley, T. (2017). Spontaneous neural encoding of social network position. *Nature Human Behaviour*, 1, 72.

- Article commentaries in *Nature Human Behaviour* ("News & Views" piece by J. Curley & K. Ochsner) and *Trends in Cognitive Sciences* ("Spotlight" piece by O. FeldmanHall); featured cover article; awarded the Social and Affective Neuroscience Society Innovation Award.

**Parkinson, C.**, Walker, T., Memmi, S., & Wheatley, T. (2017). Emotions are understood from biological motion across remote cultures. *Emotion*, 17(3), 459–477.

**Parkinson, C.** & Wheatley, T. (2016). Reason for optimism: How a shifting focus on neural population codes is moving cognitive neuroscience beyond phrenology. *Behavioral and Brain Sciences*, 39, e126.

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#### *Hired at UCLA*

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**Parkinson, C.** & Wheatley, T. (2015). The repurposed social brain. *Trends in Cognitive Sciences*, 19(3), 133–141.

Christian, B. M.+ , **Parkinson, C.**+ , Macrae, C. N., Miles, L. K., & Wheatley, T. (2015). When imagining yourself in pain, visual perspective matters: The neural and behavioral correlates of simulated sensory experiences. *Journal of Cognitive Neuroscience*, 27(5), 866–875.

+Contributed equally

**Parkinson, C.**, Liu, S., & Wheatley, T. (2014). A common cortical metric for spatial, temporal, and social distance. *Journal of Neuroscience*, 34(5), 1979–1987.

**Parkinson, C.**, & Wheatley, T. (2014). Relating anatomical and social connectivity: White matter microstructure predicts emotional empathy. *Cerebral Cortex*, 24(3), 614–625.

- Parkinson, C., & Wheatley, T.** (2013). Old cortex, new contexts: Re-purposing spatial perception for social cognition. *Frontiers in Human Neuroscience*, 7, 645.
- Christian, B. M., Miles, L. K., **Parkinson, C.**, & Macrae, C. N. (2013). Visual perspective and the characteristics of mind wandering. *Frontiers in Psychology*, 4, 699.
- Parkinson, C.**, Kohler, P., Sievers, B., & Wheatley, T. (2012). Associations between auditory pitch and visual elevation do not depend on language: Evidence from a remote population. *Perception*, 41(7), 854–861.
- Wheatley, T., Kang, O., **Parkinson, C.**, & Looser, C. (2012). From mind perception to mental connection: Synchrony as a mechanism for social understanding. *Social and Personality Psychology Compass*, 6(8), 589–606.
- Parkinson, C.** & Wheatley, T. (2012). Intention. In V. S. Ramachandran (Ed.), *Encyclopedia of Human Behavior* (2nd Edition, pp. 452–457). San Diego, CA: Elsevier.
- Parkinson, C.**, Sinnott-Armstrong, W., Koralus, P., Mendelovici, A., McGeer, V., & Wheatley, T. (2011). Is morality unified? Evidence that distinct neural systems underlie judgments of harm, dishonesty, and disgust. *Journal of Cognitive Neuroscience*, 23(10), 3162–3180.
- Zhu, X., Wang, X., **Parkinson, C.**, Cai, C., Gao, S., & Hu, P. (2010). Brain activation evoked by erotic films varies with menstrual phases: An fMRI study. *Behavioural Brain Research*, 206(2), 279–285.
- Abela, J.R.Z., **Parkinson, C.**, Stolow, D., & Starrs, C. (2009). A test of the integration of the hopelessness and response styles theories of depression in middle adolescence. *Journal of Clinical Child and Adolescent Psychology*, 38(3), 354–364.

## **INVITED AND CONFERENCE TALKS**

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- 2021** Oct. Invited Speaker – *Canadian Symposium on Computational Neuroscience*
- Aug. Invited Speaker and Workshop Panelist – *National Institute of Mental Health (NIMH), Workshop on Naturalistic Stimuli and Individual Differences*
- June Invited Keynote Speaker – *Network Neuroscience 2021 (Networks 2021 satellite meeting)*
- June Invited Speaker – *McGill University, Feindel Brain and Mind Lecture Series*
- June Invited Speaker – *International Conference on Social Neuroscience in Ecologically Valid Conditions, co-organized by Aalto University (Finland) and the Institute of Cognitive Neuroscience (HSE, Russia)*
- May Invited Speaker – *UC San Diego, Social Psychology Brown Bag Series*

- Mar. Invited Speaker – *National Academies of Sciences, Engineering, and Medicine, Distinctive Voices Public Lecture Series*
- Feb. Invited Speaker – *Society for Personality and Social Psychology, Social Cognition Pre-Conference*
- 2020** Nov. Invited Speaker – *Bundeswehr University Munich, Institute of Psychology, Social BRIDGES e-conference*
- Aug. Invited Speaker – *University of Michigan Training Course in fMRI (Ann Arbor, MI) – canceled due to COVID-19*
- Aug. Invited Speaker – *Methods in Neuroscience at Dartmouth Computational Summer School (Hanover, NH) – canceled due to COVID-19*
- June Speaker – *Organization for Human Brain Mapping, Educational Course on Analysis Methods for Naturalistic Data*
- Mar. Invited Speaker – *Indiana University Bloomington, Cognitive Science Colloquium (Bloomington, IN)*
- 2019** Nov. Invited Speaker – *Princeton University, Social Psychology Research Seminar Series (Princeton, NJ)*
- Oct. Invited Speaker – *University of Southern California, Social Psychology Brownbag (Los Angeles, CA)*
- Oct. Invited Speaker – *Person Memory Interest Group Annual Meeting (Toronto, Canada)*
- Sept. Invited Speaker – *Yonsei University, Department of Sociology (Seoul, South Korea)*
- Sept. Invited Speaker – *Pusan National University, Department of Psychology (Busan, South Korea)*
- Aug. Invited Speaker – *Methods in Neuroscience at Dartmouth Computational Summer School (Hanover, NH)*
- June Invited Speaker – *Duke University, Summer School in Neuroeconomics and Social Neuroscience (Durham, NC)*
- June Invited Speaker – *McGill University, Summer Workshop in Social and Cultural Neuroscience (Montreal, Canada)*
- May Invited Speaker – *Social and Affective Neuroscience Society Pre-Conference on Computational Approaches to Social and Affective Neuroscience (Miami, FL)*
- April Invited Speaker – *UC Merced, Department of Cognitive and Information Sciences, Mind, Technology & Society Seminar Series (Merced, CA)*
- Mar. Symposium Speaker – *Cognitive Neuroscience Society Annual Meeting (San Francisco, CA)*



- Mar. Invited Speaker – *Whistler Scientific Workshop on Brain Functional Organization, Connectivity, and Behavior* (Noosa, Australia)
- Mar. Symposium Speaker – *International Convention of Psychological Science* (Paris, France)
- Feb. Invited Speaker – *Caltech T&C Chen Decision and Social Neuroscience Seminar Series* (Pasadena, CA)
- Feb. Invited Speaker – *UCLA Cognitive Forum* (Los Angeles, CA)
- 2018** Dec. Invited Speaker – *École Normale Supérieure, Computational Cognitive Social Neuroscience Symposium* (Paris, France)
- Nov. Invited Symposium Chair and Speaker – *North American Social Networks Conference* (Washington, D.C.)
- Nov. Invited Speaker – *UC Riverside, Social and Personality Psychology Area Meeting* (Riverside, CA)
- Nov. Invited Speaker – *UCLA Health Psychology/Behavioral Medicine Seminar* (Los Angeles, CA)
- Nov. Symposium Speaker – *Society for Social Neuroscience* (San Diego, CA)
- Oct. Invited Speaker – *Annenberg Networks Network (ANN)-Science of Networks in Communities (SONIC)-Northwestern Institute on Complex Systems (NICO), 9<sup>th</sup> International Workshop on Network Theory* (Evanston, IL)
- Oct. Invited Speaker – *Kellogg School of Management at Northwestern University, Department of Management and Organizations Seminar Series* (Evanston, IL)
- Oct. Symposium Chair & Speaker – *Society of Experimental Social Psychology* (Seattle, WA)
- Aug. Invited Speaker – *Methods in Neuroscience at Dartmouth Computational Summer School* (Hanover, NH)
- July Invited Speaker – *European Society for Social and Affective Neuroscience Meeting* (Leiden, the Netherlands)
- June Invited Speaker – *UCLA Brain Mapping Center Seminar Series* (Los Angeles, CA)
- June Invited Speaker – *UCLA Brain Research Institute, Joint Seminars in Neuroscience* (Los Angeles, CA)
- June Invited Speaker – *UCLA Computational Sociology Working Group* (Los Angeles, CA)
- May Symposium Speaker – *Association for Psychological Science* (San Francisco, CA)
- May Invited Speaker – *UC Santa Barbara, Social Psychology Colloquium* (Santa Barbara, CA)
- April Invited Speaker – *UCLA Neuroimaging Affinity Group* (Los Angeles, CA)

- Feb. Flash Talk – *Society for Personality and Social Psychology – Social Cognition Pre-Conference* (Atlanta, GA)
- Jan. Invited Speaker – *Defense Advanced Research Projects Agency (DARPA) Information Science and Technology Study Group “Reality Jamming: Socio-Technological Solutions” Workshop* (Berkeley, CA)
- 2017** Nov. Flash Talk – *Society for Social Neuroscience* (Washington, D.C.)
- Oct. Invited Speaker – *UCLA Center for Behavior, Evolution & Culture* (Los Angeles, CA)
- Oct. Invited Speaker – *The National Academies of Sciences, Engineering, and Medicine, “Leveraging Advances in Social Network Thinking for National Security” workshop convened by the Committee on a Decadal Survey of Social and Behavioral Sciences for Applications to National Security of the National Academies of Sciences, Engineering, and Medicine* (Washington, D.C.)
- July Symposium Speaker – *European Association of Social Psychology* (Granada, Spain)
- July Flash Talk – *European Association of Social Psychology, “Social Minds, Social Brains” Pre-Conference* (Granada, Spain)
- Jan. Symposium Chair & Speaker – *Society for Personality and Social Psychology* (San Antonio, TX)
- 2016** Sept. Symposium Speaker – *Society of Experimental Social Psychology* (Santa Monica, CA)
- April Symposium Speaker – *Social & Affective Neuroscience Society* (New York, NY)
- 2015** Mar. Symposium Speaker – *International Convention of Psychological Science* (Amsterdam, the Netherlands)
- Feb. Invited Speaker – *Cornell University, Department of Psychology* (Ithaca, NY)
- Feb. Invited Speaker – *UCLA, Department of Psychology* (Los Angeles, CA)
- Jan. Invited Speaker – *University of Colorado Boulder, Cognitive Lunch Talk Series* (Boulder, CO)
- 2014** April Seminar Speaker – *Dartmouth College, Social Behavioral Workshop* (Hanover, NH)
- Feb. Flash Talk – *Society for Personality and Social Psychology – Emotion Pre-Conference* (Austin, TX)
- 2013** Dec. Invited Speaker – *Harvard University, Concepts Seminar Series* (Cambridge, MA)
- Sept. Seminar Speaker – *Dartmouth College, Social Brain Sciences Seminar Series* (Hanover, NH)
- April Symposium Speaker – *Social & Affective Neuroscience Society* (San Francisco, CA)

- 2012 Dec. Flash Talk – *Harvard Social Brain Sciences Symposium* (Cambridge, MA)  
 May Seminar Speaker – *Dartmouth College, Social Brain Sciences Seminar Series* (Hanover, NH)
- 2011 Nov. Seminar Speaker – *Dartmouth College, Social Brain Sciences Seminar Series* (Hanover, NH)
- 2010 April Symposium Speaker – *Cognitive Neuroscience Society* (Montreal, QC)  
 April Seminar Speaker – *Dartmouth College, Cognitive Brown Bag* (Hanover, NH)  
 Mar. Seminar Speaker – *Princeton University, Moral Psychology Research Group* (Princeton, NJ)

### **CHAIRING AND MODERATION OF CONFERENCE SYMPOSIA**

- 2021 *Connections Within Brains and Across Organisms* (moderator). Social and Affective Neuroscience Society Annual Meeting (virtual due to COVID-19)
- 2018 *Contemporary Approaches to Studying Thoughts, Attitudes, and Behaviors in Real-World Contexts: From Social Networks to Smartphone Sensing* (co-chair with D. Wagner). Society of Experimental Social Psychology Annual Meeting, Seattle, WA
- 2018 *Social Networks and Neuroscience*. International Network for Social Network Analysis (INSNA) – North American Social Networks Conference, Washington, D.C.
- 2017 *Decoding Social Categories, Person Knowledge & Social Networks from Brain Activity* (co-chair with D. Wagner). Society for Personality and Social Psychology Annual Meeting, San Antonio, TX
- 2017 *Novel Approaches to Studying Social and Affective Processes*. Social and Affective Neuroscience Society Annual Meeting, Los Angeles, CA

### **PROFESSIONAL SERVICE**

#### **PROFESSIONAL SERVICE FOR ACADEMIC CONFERENCES AND WORKSHOPS**

- 2020-2022 Abstract Review Board, *Society for Affective Science Annual Conference*
- 2020-2021 Scientific Program Committee Member, *2021 Annual Meeting of the Social and Affective Neuroscience Society*
- 2020 Summer Institute Faculty, *Methods in Neuroscience at Dartmouth (MIND) Computational Summer School - "How Do Minds Interact?"* – canceled due to COVID-19
- 2020 Contributor, *Organization for Human Brain Mapping, Educational Course on Analysis Methods for Naturalistic Data* (<https://doi.org/10.5281/zenodo.3937848>; <http://naturalistic-data.org/>)

- 2019–2020 Program Committee Member, *2020 Annual Meeting of the Social and Affective Neuroscience Society* – postponed due to COVID-19
- 2019 Summer Institute Faculty, *Methods in Neuroscience at Dartmouth (MIND) Computational Summer School - "Cognitive Maps"*
- 2018–2019 Organizing Committee, *Computational Social and Affective Neuroscience Pre-Conference at the 12<sup>th</sup> Annual Meeting of the Social and Affective Neuroscience Society*
- 2018 Summer Institute Faculty, *Methods in Neuroscience at Dartmouth (MIND) Computational Summer School - "Narratives & Naturalistic Contexts"*
- 2018 Invited Expert (and Presenter), "Reality Jamming: Socio-Technological Solutions" workshop convened by the *DARPA Information Science and Technology study group*
- 2017 Invited Expert (and Presenter), "Leveraging Advances in Social Network Thinking for National Security" workshop convened by the *Committee on a Decadal Survey of Social and Behavioral Sciences for Applications to National Security of the National Academies of Sciences, Engineering, and Medicine*
- 2016–2017 Co-Organizer, *10<sup>th</sup> Annual Meeting of the Social and Affective Neuroscience Society*

## **EDITING AND REVIEWING**

### **Funding Agencies**

#### Grant Review Panels

2018 National Science Foundation Grant Review Panel

#### Ad-hoc Reviewing for Funding Agencies

Israel Science Foundation, National Science Foundation, U.S. Army Research Office

### **Journals**

#### Editorial Positions

2019–2021 Guest Editor, *Social Cognitive and Affective Neuroscience*, Special Issue ("Computational Methods in Social Neuroscience")

2018– Consulting Editor, *Social Cognitive and Affective Neuroscience*

2018– Editorial Board Member, *Personality Neuroscience*

#### Ad-hoc Reviewing for Journals

*Annals of the New York Academy of Sciences, Biological Psychology, Cerebral Cortex, Current Directions in Psychological Science, Current Opinion in Psychology, eLife, Frontiers in Human Neuroscience, Journal of Cognitive Neuroscience, Journal of Experimental Social Psychology, Journal of Neuroscience, Journal of Personality and Social Psychology, Nature Communications, Nature Human Behaviour, Nature Neuroscience, NeuroImage, Neuroscience & Biobehavioral Reviews, Philosophical Transactions of the Royal Society B: Biological Sciences, Proceedings of the National Academy of Sciences of the United States of America, Psychological Science, Science Advances, Social Cognitive and Affective Neuroscience, Trends in Cognitive Sciences*

**OUTREACH**

- 2021 Public Lecture, *National Academies of Sciences, Engineering, and Medicine, Distinctive Voices Public Lecture Series*
- 2021 Co-authored article on neuroscience and social networks for *Frontiers for Young Minds*, which aims to make science accessible to school children
- 2019 Panelist, *Los Angeles Brain Bee Professional Panel for Students and Parents*
- 2017 Panelist, *Acing the Interview Panel, UCLA Department of Psychology*
- 2016 Panelist, *Career Panel, Advanced Neuroimaging Summer Training Program, UCLA Semel Institute for Neuroscience and Human Behavior*
- 2016 Panelist, *Academic Job Market Panel, UCLA Department of Psychology*
- 2015 Speaker and discussion leader, *Careers in Science (informational dinner for undergraduates), Dartmouth College East Wheelock Cluster, Hanover, NH*
- 2013 Panelist, *Science Career Exploration Panel, State Street School, Windsor, VT*
- 2013 Panelist, *Science Career Exploration Panel for 8<sup>th</sup> Graders, Woodstock Middle School, Woodstock, VT*

**DEPARTMENTAL AND UNIVERSITY SERVICE****University**

- 2018 Society for Neuroscience Travel Awards Committee, UCLA Brain Research Institute/Semel Institute for Neuroscience and Human Behavior
- 2017, 2018 Judge, UCLA Grad Slam (campus-wide graduate student research presentation competition)

**Departmental**

- 2021–Present Computational Modeling Search Committee, UCLA Dept. of Psychology
- 2021–Present Executive Committee, UCLA Dept. of Psychology
- 2019–2020 Executive Committee, UCLA Dept. of Psychology
- 2018–2020 Merit Review Committee, UCLA Dept. of Psychology
- 2019–Present Social Psychology Colloquium Organizer (Spring 2019, Fall 2019, Fall 2020)
- 2017–2020 Graduate Student Awards Committee, UCLA Dept. of Psychology
- 2017–Present Social Area Awards Committee (Chair, 2019–Present), UCLA Dept. of Psychology
- 2017–Present UCLA Psychology Research Opportunities Programs (PROPS) mentor
- 2016–Present Cognitive Science Major Committee, UCLA Dept. of Psychology

**TEACHING AND MENTORING**

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**TEACHING****Courses Taught at UCLA**

*The Neuroscience of Social Perception (lecture)*: Fall 2016, Spring 2019, Winter 2021, Fall 2021

*The Neuroscience of Social Perception (advanced honors seminar)*: Fall 2016, Spring 2019, Winter 2021

*Introduction to Social Psychology (lecture)*: Spring 2016, Spring 2017, Winter 2018, Winter 2019, Spring 2020, Spring 2021, Spring 2022

*The Social Brain (graduate seminar)*: Spring 2018, Winter 2020, Winter 2022

### **Guest Lectures**

*The Neurobiology of Bias and Discrimination (UCLA)*: 2019, 2020, 2021

*Graduate Research Methods in Social Psychology (UCLA)*: 2017, 2018, 2019, 2020, 2021

*Introduction to Psychology (Dartmouth College)*: 2014

*Cognition (Dartmouth College)*: 2014

*Social Psychology (Dartmouth College)*: 2011

### **MENTORING**

#### **Postdoctoral Fellows**

Elisa Baek, PhD: 2019–present

*NSF Postdoctoral Research Fellowship (2019–2022)*

*UCLA Brain Research Institute/Semel Institute Postdoctoral Fellow Travel Award (2021)*

*Kavli Summer Institute in Cognitive Neuroscience Fellow (2019)*

João F. Guassi Moreira: Starting 3/1/2022

*NSF Postdoctoral Research Fellowship (2022–2024)*

#### **Graduate Students**

Miriam (Weaverdyck) Schwyck (primary mentor): Fall 2017–present

*NSF Graduate Research Fellowship (2020–2023)*

*Society for Personality and Social Psychology Graduate Student Travel Award (2022)*

*UCLA Graduate Division Graduate Research Mentorship Award (2019–2020)*

*Harold H. Kelley Award for best paper advancing theory in social psychology at UCLA (2019)*

*Social and Affective Neuroscience Society Poster Awards (2019 and 2021)*

*Kavli Summer Institute in Cognitive Neuroscience Fellow (2019)*

*Duke/NIA Summer School in Social Neuroscience and Neuroeconomics Fellow (2019)*

*International Convention of Psychological Science Travel Grant (SAGE/Association for Psychological Science, 2019)*

*UCLA Graduate Division Graduate Summer Research Mentorship Award (2018)*

*UCLA Graduate Dean's Scholar Award (2017–2018)*

Meng Du (primary mentor): Fall 2019–present (post-bac researcher in the lab 2016–2019)

*Harold H. Kelley Award for best paper advancing theory in social psychology at UCLA (2021)*

*Grace Hopper Celebration Scholarship (2020)*

*Debug 2020 Summit Scholarship (2020)*

*Neural Information Processing Systems Annual Meeting (NeurIPS) Travel Award (2019)*

*Methods in Neuroscience at Dartmouth Computational Summer School Fellow (2019)*

Ryan Hyon (primary mentor): Fall 2019–present (post-bac researcher in the lab 2017–2019)

*UCLA Graduate Division Graduate Research Mentorship Award (2020–2021)*

*UCLA Graduate Division Graduate Summer Research Mentorship Award (2020)*

*Duke/NIA Summer School in Social Neuroscience and Neuroeconomics Fellow (2020)*

*Social and Affective Neuroscience Society Poster Award (2019)*

*NSF Graduate Research Fellowship Program Honorable Mentions (2019 and 2021)*

*Los Angeles Summer Institute in Computational Social Science Fellow (2019)*

Ruby Basyouni (primary mentor): Fall 2020–present (PROPS student in the lab in 2017)

*NSF Graduate Research Fellowship (2021–2024)*

*UCLA Competitive Edge Summer Transition Program Awardee (funds summer research for high-potential, underrepresented minority students matriculating into doctoral STEM programs at UCLA; 2020)*

*UCLA Graduate Dean's Scholar Award (2020–2021)*

Kevin Tan (secondary mentor): Fall 2018–present

*NSF Graduate Research Fellowship (2019–2022)*

*Graduate Summer Research Mentorship Award (2019)*

### **Dissertation Committees (UCLA)**

Nicholas Alt, Shannon Burns, Macrina Cooper-White, Victor Kaufman, João F. Guassi Moreira, Michael Parrish, Razia Sahi, Jessica Shropshire, Mark Straccia, Miriam Weaverdyck (chair).

### **Dissertation Committees (external)**

Katharina Pittner (Leiden University).

### **Trainee Conference Presentations**

*\*Signifies student/trainee*

#### **Trainee Talks**

Baek, E. C.\*, Hyon, R.\*, López, K.\*, Porter, M.A., & Parkinson, C. (2021). Convergence across subjects in neural responses during spontaneous viewing predicts sharing of naturalistic stimuli. In *Communication Science, Biology, and Digital Media: Scrolling, Sharing, and Screens*. Session conducted at the annual meeting of the International Communication Association, May 2021 (virtual due to COVID-19).

Du, M.\*, Basyouni, R.\*, & Parkinson, C. (2021). Comparing neural mechanisms for shifting attention in space and social knowledge. Presented at the Brain2AI Workshop (“*How can findings about the brain improve AI systems?*”) at the 9<sup>th</sup> International Conference on Learning Representations, May 2021 (virtual due to COVID-19).

Baek, E. C.\*, Hyon, R.\*, López, K.\*, Porter, M.A., & Parkinson, C. (2021). Lonely individuals process the world in idiosyncratic ways. Presented at the annual meeting of the Society for Affective Science, April 2021 (virtual due to COVID-19).

- *Selected for publication as a peer-reviewed abstract in a supplement in Affective Science based on ranking in the top 20% of abstracts*

Baek, E. C.\*, Hyon, R.\*, López, K.\*, Porter, M.A., & Parkinson, C. (2021). Popular people in a social network exhibit synchronized neural responses to naturalistic stimuli, and unpopular people exhibit idiosyncratic neural responses. Presented at the Social Cognition Preconference (data blitz) at the annual meeting of the Society for Personality and Social Psychology, Feb. 2021 (virtual due to COVID-19).

Alt, N.\*, Parkinson, C., Kleinbaum, A. M., & Johnson, K. (2019). The face of social networks: Naïve observers accurately judge social network characteristics from faces. In N. Alt (Chair), *Social Vision of Groups: Small Ensembles to Large Social Networks*. Symposium conducted at the annual meeting of the Society for Personality and Social Psychology, Feb. 2019, Portland, OR.

Hyon, R.\*, Chavez, R., Chwe, J. A.\*, Wheatley, T., Kleinbaum, A. M., & Parkinson, C. (2018). Individual differences in brain connectivity patterns predict social network centrality. In C. Parkinson (Chair), *Neuroscience and Networks*. Symposium conducted at the North American Social Networks Conference, Nov. 2018, Washington, D.C.

### Trainee Posters

Weaverdyck, M. E.\*, Du, M.\*, & Parkinson, C. (2021). Learning the structure of social worlds: Brokerage affects one's ability to learn new social networks. Poster to be presented at the annual meeting of the Society for Personality and Social Psychology, Feb. 2022, San Francisco, CA.

- Winner, SPSP Graduate Student Travel Award

Baek, E. C.\*, Hyon, R. H.\*, López, K.\*, Porter, M. A., Parkinson, C., & Reavis, E. A. (2021). Neural coordination between participants during naturalistic perception: Towards a marker of social dysfunction in schizophrenia. Poster to be presented at the annual meeting of the Society for Neuroscience, Nov. 2021, Chicago, IL.

Weaverdyck, M. E.\*, Du, M.\*, Natarajan, P.\*, Chwe, J. A.\*, & Parkinson, C. (2021). Neural encoding of new social network structures. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, April 2021 (virtual due to COVID-19).

- Winner, Social and Affective Neuroscience Society Poster Award

Baek, E. C.\*, Hyon, R.\*, López, K.\*, Porter, M.A., & Parkinson, C. (2021). Lonely individuals process the world in idiosyncratic ways. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, April 2021 (virtual due to COVID-19).

Du, M.\*, Basyouni, R.\*, & Parkinson, C. (2021). Comparing functional connectivity while shifting attention in space and social knowledge. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, April 2021 (virtual due to COVID-19).

Hyon, R.\*, López, K.\*, Baek, E.\*, Porter, M. A., & Parkinson, C. (2021). Inter-subject similarity in multi-voxel response pattern trajectories reflects similarities in preferences and personality. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, April 2021 (virtual due to COVID-19).

Baek, E. C.\*, Hyon, R.\*, López, K.\*, Porter, M.A., & Parkinson, C. (2021). Popular people in a social network exhibit synchronized neural responses to naturalistic stimuli,



and unpopular people exhibit idiosyncratic neural responses. Poster presented at the annual meeting of the Society for Social Neuroscience, Feb. 2021 (virtual due to COVID-19).

Baek, E.\*, Hyon, R.\*, López, K.\*, Porter, M.A., & Parkinson, C. (2021). Convergence in neural responses during spontaneous viewing predicts sharing., Poster presented at the annual meeting of the Society for Personality and Social Psychology, Feb. 2021 (virtual due to COVID-19).

Hyon, R.\*, López, K.\*, Baek, E.\*, Porter, M. A., & Parkinson, C. (2020). Inter-subject similarity in multi-voxel response pattern trajectories reflects similarities in preferences and personality. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, May 2020, Santa Barbara, CA.

- *Abstract accepted but conference postponed due to COVID-19; modified version presented in 2021 (see above)*

Baek, E.\*, Youm, Y., Chey, J., Kim, H., & Parkinson, C. (2020). Individuals who occupy central positions in a real-life social network show increased sensitivity to social exclusion. Poster accepted for the annual meeting of the Social and Affective Neuroscience Society, May 2020, Santa Barbara, CA.

- *Abstract accepted but conference postponed due to COVID-19*

Weaverdyck, M. E.\*, Du, M.\*, Natarajan, P.\*, Chwe, J. A.\*, & Parkinson, C. (2020). Distinct neural representations of facial appearance, trait inferences, and social network knowledge. Poster accepted for the annual meeting of the Social and Affective Neuroscience Society, May 2020, Santa Barbara, CA.

- *Abstract accepted but conference postponed due to COVID-19*

Du, M.\*, Basyouni, R.\*, & Parkinson, C. (2020). Comparing functional connectivity while shifting attention in space and social knowledge. Poster accepted for the annual meeting of the Social and Affective Neuroscience Society, May 2020, Santa Barbara, CA.

- *Abstract accepted but conference postponed due to COVID-19; modified version presented in 2021 (see above)*

Weaverdyck, M. E.\*, Du, M.\*, Natarajan, P.\*, Chwe, J. A.\*, & Parkinson, C. (2019). Contextual goals shape the neural representation of social networks. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, May 2019, Miami, FL.

- *Winner, Social and Affective Neuroscience Society Poster Award*

Hyon, R. H.\*, Youm, Y., Chey, J., & Parkinson, C. (2019). Functional connectomes predict friendship and centrality in the social network of an entire village. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, May 2019, Miami, FL.

- *Winner, Social and Affective Neuroscience Society Poster Award*

Weaverdyck, M. E.\*+, Du, M.\*+, Li, Y.\*, Chang, L. J., & Parkinson, C. (2019). How third-party relationship knowledge shapes trust. Poster presented at the biennial International Convention of Psychological Science, March 2019, Paris, France.

- *\*Contributed equally*
- *Winner, International Convention of Psychological Science Travel Grant*

Weaverdyck, M. E.\*+, Du, M.\*+, Li, Y.\*, Chang, L. J., & Parkinson, C. (2019). Social network knowledge shapes and is shaped by trust behavior. Poster presented at the annual meeting of the Society for Personality and Social Psychology, February 2019, Portland, OR.

\*Contributed equally

Du, M.\*, Basyouni, R.\*, & Parkinson, C. (2018). Shared neural architecture for navigating space and social hierarchies. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, May 2018, New York, NY.

Hyon, R.\*, Wheatley, T., Kleinbaum, A. M., & Parkinson, C. (2018). Associations between white matter microstructure and social network position. Poster presented at the annual meeting of the Social and Affective Neuroscience Society, May 2018, New York, NY.

Castro, V.\*, Du, M.\*, Sul, S., & Parkinson, C. (2018). How well would you treat a friend-of-a-friend? The effects of third-party relationship knowledge on prosocial behavior. Poster presented at the annual meeting of the Society for Personality and Social Psychology, March 2018, Atlanta, GA.

## **PUBLIC INTERVIEWS AND MEDIA COVERAGE OF RESEARCH**

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### **SELECTED PUBLIC INTERVIEWS**

#### Selected Broadcast Interviews on Scientific Research

*BBC Radio*. Interview on *Personal Best*. "Friendship." (Nov. 2018).

*NPR*. Interview on *Innovation Hub (WGBH/PRI)*. "Define the relationship." (July 2018).

*NBC*. Interview and research demonstration on *The Today Show*. "How your brain's chemistry affects the friends you choose." (June 2018).

*NPR*. Interview on *AirTalk (KPCC)*. "Locked in: What neuroscience is telling us about friendships." (Feb. 2018).

*CBC Radio*. Interview on *Quirks & Quarks*. "Friends share more than interests, their brains are similar too." (Feb. 2018).

*American Association for the Advancement of Science (AAAS)*. Interview on "Science Update" podcast. "Friendship on the brain." (Feb. 2018).

#### Selected Print Interviews on Scientific Research

*The New York Times*. "Wired to be besties: Research reveals shared neural response patterns in our social networks." [print] / "You share everything with your bestie. Even brain waves." [web] (April 2018).

*Psychology Today*. "Friends are similar deep in the brain." (April 2018).

*Scientific American*. "What makes us vibe." (Feb. 2018).

*Vice*. "Brain science confirms you and your best friend really do think alike." (Feb. 2018).

*Newsweek*. "Great minds think alike: Friends' brains work in similar ways, neuroimaging shows." (Jan. 2018).

*Pacific Standard*. "A brainy new way of looking at friendship." (Jan. 2018).

*Scientific American*. "The brain boasts its own social network." (April 2017)

#### **OTHER MEDIA COVERAGE OF RESEARCH**

*The New York Times, Los Angeles Times, The Boston Globe, Newsweek, National Geographic, Popular Science, Scientific American, Scientific American Mind, Discover Magazine, Psychology Today, The Guardian, The Telegraph, The Independent, The Sun, The Financial Times, The Daily Mail, The New York Post, The New Zealand Herald, Deutsche Welle, Der Spiegel, Die Welt, Agence France-Presse, South China Morning Post, NPR, New Zealand Public Radio, Radio Slovenia, Pacific Standard Magazine, Vice, Cosmopolitan, Teen Vogue, Harper's Bazaar UK, Cosmos Magazine, Business Insider, Quartz, WebMD, Big Think, Live Science, Science Daily, Medical Daily, New Scientist, Natural History Magazine, Yahoo! News, SciShow (YouTube).*