

nathan liang

{ curriculum vitae }

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PROFESSIONAL EXPERIENCE

CURRENT POSITIONS

2021-2022 **Social Neuroscience Lab Manager + Research Specialist**
Princeton Social Neuroscience (PrSoN) Lab • Diana I. Tamir, Ph.D.
Princeton University (*Princeton, NJ*)

PREVIOUS POSITIONS

2020-2021 **Experimental Philosophy Postgraduate Research Fellow**
Moral Attitudes and Decision-Making (MAD) Lab
Walter Sinnott-Armstrong, Ph.D. & Jana Schaich Borg, Ph.D.
Duke University (*Durham, NC*)

2019-2021 **Cognition + Cognitive Neuroscience Research Associate**
Imagination and Modal Cognition (IMC) Lab • Felipe De Brigard, Ph.D.
Duke University (*Durham, NC*)

✓ **Cognitive Psychology Research Assistant**
Mind at Large Lab • Paul Seli, Ph.D.
Duke University (*Durham, NC*)

Summer 2020 **Developmental Psychology Research Assistant**
Mind and Development (MaD) Lab • Paul Bloom, Ph.D.
Yale University (*New Haven, CT*)

✓ **Social Psychology Research Assistant**
Morality Lab • Liane Young, Ph.D. & Gordon T. Kraft-Todd, Ph.D.
Boston College (*Chestnut Hill, MA*)

Summer 2019 **Cognitive Psychology Research Assistant**
Vision Sciences Group (VSG)
Jonathan I. Flombaum, Ph.D., Justin Halberda, Ph.D., & Chaz Firestone, Ph.D.
Johns Hopkins University (*Baltimore, MD*)

2018-2019 **Educational/Cognitive Psychology Research Assistant**
Behavioral Research Informing Teaching Excellence (BRITE) Lab
Bridgette M. Hard, Ph.D.
Duke University (*Durham, NC*)

Summer 2018 **Data Science Intern**
Rhodes Information Initiative: Data+ 2018 • Paul Bendich, Ph.D.
Duke University (*Durham, NC*)

2014-2017 **Educational/Social + Personality Psychology Research Assistant**
School of Social and Behavioral Sciences • C. Ryan Kinlaw, Ph.D.
Marist College (*Poughkeepsie, NY*)

EDUCATION






2017-2020 Duke University (*Durham, NC*)
B.S., Psychology; Minor, Philosophy
 Major Advisor: Bridgette M. Hard, Ph.D.
 Cum.(Major) GPA: 3.83(3.90)/4.00, *Cum Laude*

RELEVANT COURSEWORK

Neuroscience Fundamentals	Philosophy of Science	Mind Wandering & Inattention*
Biological Bases of Behavior	Psychology of Thinking	Language, Music & Dementia*
Developmental Psychology	Psychology of Language	Research in the Classroom*
Introductory Psychology	Neuroscience & Philosophy	Human Cooperation*
Intro Stat Methods	Human Cognitive Evolution	Comparative Ethics*
Research Methods	Cognitive Control and the PFC	Brain & Language*
		Moral Psychology*

*Denotes graduate coursework.

SELECTED PRESENTATIONS & TALKS

- 2.2021 **Liang N., Gerdin, E., & Kraft-Todd, G. T.** *Dimensions of Dehumanization: Integrating Theoretical Perspectives Using Factor Analysis.* Poster presented at the 2021 SPSP Annual Convention [Virtual]. 
- 7.2020 **Liang, N.** *Dimensions of Dehumanization.* Yale Psychology Summer 2020 colloquium talk presented to the Mind & Development Lab. New Haven, CT [Virtual]. 
- 4.2020 **Liang, N., Thier, B., & Wong, M.** *Effects of Course Structure on Metacognitive Regulation.* Lightning talk presented as part of the Duke Learning Innovation and BRITE Lab Spring 2020 BRITE Ideas Series. Durham, NC [Virtual]. 
- 7.2019 **Liang, N., Upadhyayula S. A., & Flombaum, J. I.** *Temporal Distortions of Time Perception.* Poster presented at the Johns Hopkins University 2020 Mind & Vision Summer Research Internship Symposium. Baltimore, MD. 
- 5.2019 **Hard, B. M., Flusberg, S. J., Wong, M., & Liang, N.** *Mapping the structure of metaphorical lay theories in education.* Poster presented at the 31st Annual Convention for the Association for Psychological Science. Washington, D.C.
- 9.2018 **Luksic, S., Malone, A., & Liang, N.** *Quantifying Representation in Women's Magazines.* Talk presented at the Visualization Friday Forum. Durham, NC. 

MANUSCRIPTS IN PREP. & UNDER REVIEW

- 2022 [1] **Liang, N.***, Grayson, S. J.*, Mildner, J., Tamir, & D. I., (in prep.). "Call me, beep me, if you wanna reach me": The impact of virtual social interaction on well-being during the COVID-19 pandemic. 🔄
- [2] **Liang, N.**, Parikh, N., & De Brigard, F. (in prep.). Phenomenology of counterfactual thinking and state-anxiety.
- 2021 [1] Gerdin, E., **Liang, N.**, & Kraft-Todd, G. T. (in prep.). Dimensions of dehumanization: Integrating theoretical perspectives using exploratory factor analysis. 🔄
- [2] **Liang, N.**, Murray, S., De Brigard, F., & Sinnott-Armstrong, W. (in prep.). The experience of evil: Understanding some psychological dimensions of the evidential problem of evil. 🔄
- 2019 [1] Sridhar, H. S., Kimble, A., King, M. M., Johnson, C. P., Shah, R. J., Dietzel, J. M., Yoo, C. H., Moreno, M. P., Pant, P., Edwards, J. A., Lester, R. L., Linares, A. R., Wong, K. E., Vandekerckhove, V., Suh, Y. J., Stout, C. D., Stanback, I. E., Staley, T. G., Srivatsa, S. V., . . . Samanez-Larkin, G. R. (2019, under review). Lower sleep variability associated with higher academic performance across the semester in college students. 📄

*Denotes equal contribution.

PUBLICATIONS

PEER-REVIEWED JOURNAL ARTICLES

- 📄 Scholar Metrics 📄
- 2021 [1] Hard, B. M., **Liang, N.**, Wong, M., & Flusberg, S. J. (2021). Metaphors we teach by: Uncovering the structure of metaphorical lay theories of teaching. *Metaphor and the Social World*. 📄
- [2] Murray, S., **Liang, N.**, Brosowsky, N., & Seli, P. (2021). What are the benefits of mind wandering to creativity? *Psychology of Aesthetics, Creativity, and the Arts*. 🔄 📄

LEADERSHIP & ACTIVITIES

CO/EXTRA-CURRICULARS

- 2021- Duke Institute for Brain Sciences (DIBS) Methods Meetings
- 2020-2021 Mind Wandering Journal Club, WUSTL Dept. of Psychological & Brain Sciences
- 2019-2020 Synapse: Mental Health Advocacy & Volunteerism Club, Co-President
- ✓ Neuroscience Majors' Union, Webmaster & Publicity Officer
- 2018-2020 Chapel Scholar, Duke University Chapel
- ✓ Duke Recreational Club Soccer
- 2017-2020 Psychology Majors' Union, President & Peer-Mentor
- 2017 Duke America Reads/America Counts Tutor
- ✓ Writer, *The Chronicle*
- ✓ Project Change Pre-Orientation Program, The Kenan Institute for Ethics

UNIVERSITY SERVICE

- 2021- Duke University Psychology Alumni Network, Staff Administrator
- 2021 Duke Divinity School Senate Review for Campus Religious Life
- 2020 Student Worship Leadership Team, Duke University Chapel
 - ✓ Search Committee for Director of Student Ministry & Engagement
- 2019-2020 DukeHub 2.0 Pilot Program
- 2019 Discovery Day Volunteer, Duke Institute for Brain Sciences (DIBS)
- 2018-2019 Bass Connections Student Advisory Council
 - ✓ Education & Human Development Student Advisory Council

PROJECTS

INTERDISCIPLINARY RESEARCH

- 2020-2021 The Good that Comes from Bad Dreams, Bass Connections [↗](#)
- 2018-2019 Wired for Learning: Supporting Thinking Skills in the K-2 Classroom, Bass Connections [↗](#)

NONPROFITS

- 2019- American Association for Gifted Children (AAGC), Duke Social Science Research Institute (SSRI): Board Member, Web Designer [↗](#)

STARTUPS

- 2019-2020 ZenFoci by IncuSublime Inc.: Co-Founder, Graphics and UI/UX Designer [↗](#)

TEACHING EXPERIENCE

MENTORING

Princeton Social Neuroscience Lab Research Assistants

Akhila Bandlora (Neuroscience, Princeton '24)

Amy Ciceu (Neuroscience, Princeton '24)

Trinh Nguyen (Neuroscience, Princeton '25)

PRIVATE TUTORING

- 2014- Private Tutoring (AP Psychology, AP Statistics, Python, HTML/CSS, SAT/ACT Test Prep, K-12 Reading/Writing/Math)

ADDITIONAL TRAINING

- ∞ **Coursera:** AI for Everyone • Chimpanzee Behavior & Conservation • Dog Emotion & Cognition • Moralities of Everyday Life • Psychology of Popularity
- DataCamp:** Introduction to SQL • Introduction to R
- LinkedIn:** Agile Foundations • Learning Regular Expressions
- Neuroimaging:** Princeton Neuroscience Institute Scully Center L2 MRI Operator Certification

PROFESSIONAL AFFILIATIONS

Society for Personality and Social Psychology Psi Chi: The Intl. Honor Society in Psychology
 Association for Research in Personality Society for the Neuroscience of Creativity
 Association for Psychological Science Cognitive Science Society
 Psychonomic Society

HONORS & AWARDS

- 2021 Fulbright Canada Research Award Semifinalist
- 2020 SPSP Diversity Undergraduate Registration Award
 - ✓ Jerome S. Bruner Award for Excellence in Undergraduate Research, Dept. of Psychology & Neuroscience, Duke University (\$200)
 - ✓ Dean's Scholar, Duke University Chapel
- 2018-2019 Dean's List (Spring 2018, Fall 2019)
- 2018 The Kenan Institute for Ethics: *What is Good Art?* Audience Choice Award (\$100)
- 2017 Elks National Foundation Most Valuable Student NY State Finalist (\$1,000)
 - ✓ National Merit Scholarship Finalist (\$1,000)
 - ✓ National AP Scholar
- 2015-2017 Scholastic Art & Writing Awards National Silver Medal (x4), American Visions Nominee
- 2016 RIT Innovation and Creativity Award

GRANT SUPPORT & FELLOWSHIPS

INTERNAL RESEARCH SUPPORT

- 2020 Charles Lafitte Fdn. P&N Undergraduate Research Small Grant (\$400) (x2)
 - ✓ Charles Lafitte Fdn. P&N Undergraduate Local Travel Award (\$200) (x2)
- 2019 Charles Lafitte Fdn. P&N Undergraduate Local Travel Award (\$200) (x2)
 - ✓ Charles Lafitte Fdn. P&N Undergraduate Travel Award (\$1,500) (x2)

LANGUAGES & TECHNICAL SKILLS

SPOKEN LANGUAGES

English (Native) • Chinese (Mandarin, Mother tongue) • French (France, B2)

PROGRAMMING LANGUAGES

HTML • (S)CSS • JavaScript • Markdown • Python • R • SQL • PHP • Bash/Zsh

DEVELOPER TOOLS

IDE/Text Editors: Eclipse • Jupyter Notebook • Google Colab • Visual Studio • VSCode
 • JetBrains (Datalore, IntelliJ, PyCharm, WebStorm) • Atom • RStudio

Tools: Git(Hub) • L^AT_EX • conda • pip • npm • regex

LIBRARIES, FRAMEWORKS + ADDITIONAL SOFTWARE

Data Vis: ggplot2 • matplotlib • seaborn • Tableau • D3.js

Data Sci: BeautifulSoup • Selenium • pandas • NumPy • tidyverse

Frontend Dev: React.js • Node.js • jQuery • Bootstrap • WordPress • Drupal • Adobe Creative Suite (Dreamweaver, Illustrator, Photoshop, XD)

ML: Scikit-learn • PyTorch

NLP: HuggingFace/BERT • SpaCy • nltk • TextBlob

Stats: SPSS/JASP/jamovi • G*Power/simr • SciPy • lme4

Research: Amazon MechanicalTurk • fMRI (AFNI, FreeSurfer, BIDS) • Prolific • Covidence • LIWC • SEANCE • Google Workspace • Microsoft Office • Qualtrics • SONA Systems

Admin: Agile (Scrum/Kanban) • Box/Dropbox • Salesforce • SAP Concur

REFERENCES

[Not publicly available, please contact for more information]