

# Nathan Liang

## Curriculum Vitae

🏠 [nathanliang.github.io](https://nathanliang.github.io)

📍 Boston, MA | 📞 0000-0002-5308-6368 | 📧 [nathanliang](mailto:nathanliang@gmail.com) | 📷 [@nathan\\_liang](https://www.instagram.com/nathanliang) | 📺 [nathanliang](https://www.youtube.com/channel/UCnathanliang)

## EXPERIENCE

### CURRENT POSITIONS

- 2020-Present **Experimental Philosophy Research Assistant**  
Moral Attitudes and Decision-Making (MAD) Lab •  
Dr. Walter Sinnott-Armstrong & Dr. Jana Schaich Borg  
Duke University (*Durham, NC*)
- 2019-Present **Cognition + Cognitive Neuroscience Research Assistant**  
Imagination and Modal Cognition (IMC) Lab • Dr. Felipe De Brigard  
Duke University (*Durham, NC*)
- ▶ **Cognitive Psychology Research Assistant**  
Mind at Large Lab • Dr. Paul Seli  
Duke University (*Durham, NC*)

### PREVIOUS POSITIONS

- Summer 2020 **Developmental Psychology Research Assistant**  
Mind and Development Lab • Dr. Paul Bloom  
Yale University (*New Haven, CT*)
- ▶ **Moral Psychology Research Assistant**  
Morality Lab • Drs. Liane Young & Gordon Kraft-Todd  
Boston College (*Chestnut Hill, MA*)
- Summer 2019 **Cognitive Psychology Research Assistant**  
Vision Sciences Group •  
Drs. Jonathan I. Flombaum, Justin Halberda, & Chaz Firestone  
Johns Hopkins University (*Baltimore, MD*)
- 2018-2019 **Educational Psychology Research Assistant**  
Behavioral Research Informing Teaching Excellence (BRITE) Lab •  
Dr. Bridgette M. Hard  
Duke University (*Durham, NC*)
- Summer 2018 **Data Science Intern**  
Rhodes Information Initiative: Data+ 2018 • Dr. Paul Bendich  
Duke University (*Durham, NC*)
- 2014-2017 **Educational, Social, & Personality Psychology Research Assistant**  
School of Social and Behavioral Sciences • Dr. Ryan Kinlaw  
Marist College (*Poughkeepsie, NY*)

## ACADEMIC HISTORY

2017-2020 **Duke University** (Durham, NC)  
*B.S., Psychology; Minor, Philosophy*  
 Advisor: Dr. Bridgette Martin Hard  
 Cumulative(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.

## MANUSCRIPTS IN PREP & UNDER REVIEW

- 2020 [1] Gerdin, E., **Liang, N.**, & Kraft-Todd, G. (in prep). Dimensions of dehumanization: Integrating theoretical perspectives using exploratory factor analysis.
- [2] Murray, S., **Liang, N.**, Brosowsky, N.P., Schooler, J., & Seli, P. (2020, under review). What are the benefits of mind wandering to creativity?
- 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.

## PUBLICATIONS

- Scholar Metrics
- 2020 Hard, B. M., **Liang, N.**, Wong, M., & Flusberg, S. J. (2020, forthcoming). Metaphors we teach by: Uncovering the structure of metaphorical lay theories of teaching. *Metaphor and the Social World*.

## SELECTED PRESENTATIONS & TALKS

- 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.
- 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. 📄

## LEADERSHIP & ACTIVITIES

### EXTRACURRICULARS

- 2020-Present Mind Wandering Journal Club, WUSTL Dept. of Psychological & Brain Sciences
- 2018-2020 Chapel Scholar, Duke University Chapel
- ▶ Duke Recreational Club Soccer
- 2018-2019 Bass Connections Student Advisory Council
- ▶ Education & Human Development Student Advisory Council
- 2017 Duke America Reads/America Counts Tutor
- ▶ Writer, *The Chronicle*
  - ▶ Project Change Pre-Orientation Program, The Kenan Institute for Ethics

### UNIVERSITY SERVICE

- 2019-2020 Synapse: Mental Health Advocacy & Volunteerism Club, Co-President
- 2017-2020 Psychology Majors' Union, President, Peer-Mentor
- 2020 Student Worship Leadership Team, Duke University Chapel
- ▶ Search Committee for Director of Student Ministry & Engagement
- 2019-2020 DukeHub 2.0 Pilot Program
- ▶ Neuroscience Majors' Union Webmaster & Publicity Officer
- 2019 Discovery Day Volunteer, Duke Institute for Brain Sciences (DIBS)

## PROJECTS

### INTERDISCIPLINARY RESEARCH

- 2020-Present The Good that Comes from Bad Dreams, Bass Connections 📄
- 2018-2019 Wired for Learning: Supporting Thinking Skills in the K-2 Classroom, Bass Connections 📄

### STARTUPS

- 2019-2020 ZenFoci by IncuSublime Inc.: Co-Founder, Graphics and UI/UX Designer 📄

## ADDITIONAL TRAINING

- Coursera:** AI for Everyone • Chimpanzee Behavior & Conservation • Dog Emotion & Cognition • Moralities of Everyday Life • Psychology of Popularity • Sports & Society
- DataCamp:** Introduction to SQL • Introduction to R

## PROFESSIONAL AFFILIATIONS

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

## HONORS & AWARDS

- 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

## GRANTS & FUNDING

### 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. Psychology & Neuroscience (P&N) Undergraduate Travel Award (\$1,500) (x2)

## LANGUAGES & TECHNICAL SKILLS

### LANGUAGES

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

### PROGRAMMING LANGUAGES

HTML • CSS • Sass • JavaScript • Markdown • Python • R • SQL • PHP

### DEVELOPER TOOLS

IDE/Text Editor: Eclipse • Jupyter Notebook • VSCode • JetBrains • Atom

Tools: Git/GitHub • L<sup>A</sup>T<sub>E</sub>X

**LIBRARIES, FRAMEWORKS + ADDITIONAL SOFTWARE**

**Data Vis:** ggplot2 • Matplotlib • Tableau

**Data Sci:** BeautifulSoup • Selenium

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

**ML:** Scikit-learn

**NLP:** SpaCy • nltk

**Stats:** SPSS/JASP/jamovi • G\*Power • pandas • NumPy

**Research:** Amazon MechanicalTurk • Prolific • Covidence • LIWC • Google Workspace • Microsoft Office • NVivo • Qualtrics • Salesforce • SONA Systems