

Jonathan S. Daniels

jonathan.daniels@princeton.edu

Permanent Residence

Nyack, NY, 10960

Current Residence

Princeton, NJ 08540

EDUCATION

- 2021-Present Princeton University
Doctor of Philosophy in Psychology
Faculty Advisors: Jordan A. Taylor, Ph.D., Casey Lew-Williams, Ph.D.
- 2019 Case Western Reserve University
Bachelor of Arts (Honors) in Psychology
Honors Capstone: *Learning and Transfer in Problem-Solving Progressions*
Faculty Advisor: Brooke N. Macnamara, Ph.D.

ACADEMIC APPOINTMENTS

- 2023-2028 Graduate Research Fellow
National Science Foundation Graduate Research Fellowship
National Science Foundation, Alexandria, VA
- 2022-2027 Graduate Research Fellow
Ford Foundation Predoctoral Fellowship
National Academies of Sciences, Engineering, and Medicine, Washington D.C.
- 2021-2026 Graduate Research Fellow
Princeton University Centennial Fellowship
Princeton University, Princeton, NJ

PUBLICATIONS

- Daniels, J. S.,** Moreau, D., & Macnamara, B. N. (2022). Learning and Transfer in Problem Solving Progressions. *Journal of Intelligence*, 10(4), Article 4.
<https://doi.org/10.3390/jintelligence10040085>

PRESENTATIONS

- Daniels, J. S.,** Kan, H., Lew-Williams, C., & Taylor, J. (2023). Experience-Dependent Representational Change During Motor Skill Learning. Proceedings of the Annual Meeting of the Cognitive Science Society, 45. Retrieved from <https://escholarship.org/uc/item/86v3b5mm>

Daniels, J. S., Moreau, D., & Macnamara, B. N. (2018, November). *Learning and learning transfer in problem-solving progressions*. [Poster](#) presented at the 59th Psychonomic Society Annual Meeting, New Orleans, LA.

ADVANCED COURSEWORK

- Summer 2023 Federation of European Neuroscience Societies – Chen Institute –
NeuroLéman Summer School on “Motor control: from thought to action”,
EPFL, Lausanne, Switzerland
- Summer 2021 Neuromatch Academy Deep Learning (NMA-DL)

PRE-GRADUATE RESEARCH EXPERIENCE

- 2019-2021 Postgraduate Associate
Turk-Browne Lab
Yale University, New Haven, CT
Principal Investigator: [Nicholas Turk-Browne, Ph.D.](#)
- 2017-2019 Senior Research Assistant
Skills, Learning, and Performance Lab
Case Western Reserve University, Cleveland, OH
Principal Investigator: [Brooke N. Macnamara, Ph.D.](#)

ACADEMIC ACCOMPLISHMENTS

- Spring 2023 **National Science Foundation Graduate Research Fellow | \$138,000**
Recipient of funding via a national competition administered by the
National Science Foundation
- 2021, 2022 **Graduate Student Research Funding | \$5,000**
Recipient of funds through Princeton University’s Cognitive Science Program
to collect data on ongoing projects during my initial year of graduate school
- Spring 2022 **Graduate Student Research Support | \$1,000**
Recipient of funds through Princeton University’s Cognitive Science Program
to collect data on ongoing projects during my initial year of graduate school
- Spring 2022 **Ford Foundation Predoctoral Fellowship | \$81,000**
Recipient of funding via a national competition administered by the
National Academies of Sciences, Engineering, and Medicine on behalf
of the Ford Foundation
- Fall 2021 **Princeton University Centennial Fellowship | \$20,000**
Recipient of supplemental funding awarded at time of admission,
supplementing awardee’s stipend through duration of graduate school
- Spring 2019 **The Stephen Bednarik Memorial Award**

Spring 2019	This award honors an outstanding senior majoring in psychology The Professor Edwin P. Hollander (Adelbert 1948) and Mrs. Patricia A. Hollander Capstone Research Award
Summer 2018	This award honors a graduating senior for an outstanding capstone research project in the psychological sciences Travel Funding \$600 Recipient of funds through the Support of Undergraduate Research and Creative Endeavors (SOURCE) Program to present my research at the 59 th Psychonomic Society Annual Meeting in New Orleans, LA.
Summer 2018	Support of Undergraduate Research and Creative Endeavors \$3,500 Recipient of funds through the Art, Humanities and Social Sciences (SOURCE-AHSS) Program to collect data on my Honors Capstone project and present at the bi-annual Research ShowCASE + Intersections
2015 – 2019	Case Western Reserve University Scholarship \$11,500 Yearly recipient of academic scholarship

TECHNOLOGICAL AND METHODOLOGICAL EXPERTISE

Behavioral	Online-Hosted Psychophysics Behavioral Testing Pose-Estimation Behavioral Analysis
Computational	Python and JavaScript Proficient Neural Network Controlled Biomechanical Simulations
Neurological	Functional magnetic resonance imaging [L1 Certified] Preprocessing and fMRI Analysis

LANGUAGES

English	Native Proficiency
German	A1.1 Proficiency Certified

TEACHING

Fall 2022, 2023	PSY/CGS 254: Developmental Psychology Assistant Instructor
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OUTREACH

Daniels, J. S., (2022). *Letter to My Younger Self*. Black In Neuro.
<https://blackinneuro.com/perspectives/letter-to-my-younger-self>

Daniels, J. S., (2020). Student Notebook: Applying to Graduate School During a Global Pandemic. *APS Observer*, 33(10). <https://www.psychologicalscience.org/observer/student-notebook-grad-school-pandemic>

MEMBERSHIP/SERVICE

2022-Present	Committee Member Psychology Department Subject Pool Panelist
2022-Present	Graduate Member Black in Neuro
2022	Student Member Society for the Neural Control of Movement
2020-Present	Member Cognitive Science Society
2019-2021	Undergraduate Student Member Society for Neuroscience
2019-Present	Member Psychonomic Society
2019-Present	Member Psi Chi, International Honor Society in Psychology
2018-Present	Student Member Association of Psychological Science

REFERENCES

Jordan Taylor, Ph.D.
Associate Professor
Department of Psychology
Princeton Neuroscience Institute
Princeton University
Princeton, NJ, 08544
604-258-4648
jordanat@princeton.edu

Casey Lew-Williams, Ph.D.
Professor, Director of Graduate Studies
Department of Psychology
Princeton University
Princeton, NJ, 08544
caseylw@princeton.edu

Nicholas Turk-Browne, Ph.D.
Professor
Department of Psychology
Yale University
New Haven, CT, 06511
203-432-4654
nicholas.turk-browne@yale.edu

Brooke Macnamara, Ph.D.
Associate Professor
Department of Psychological Sciences
Case Western Reserve University
Cleveland, OH, 44106
216-368-2681
brooke.macnamara@case.edu