

Gabriel Reyes

Stanford University | Graduate School of Education

Developmental and Psychological Sciences

Educational Neuroscience Initiative

Mobile: +1 (505) 804-0225

Email: g.reyes0225@gmail.com | gareyes@stanford.edu

Website: greyes1996.github.io | www.FLiSci.com

Twitter: @BrainGabe



EDUCATION

2021 - 2026

Stanford University

Incoming Ph.D. Student in Education (Developmental and Psychological Sciences)

Advisors: Drs. Bruce McCandliss, Jason Yeatman, Jelena Obradović

2019 - 2021

Columbia University

M.S. in Neuroscience & Education

Thesis: Exploring the neurodevelopmental effects of economic scarcity on learning and memory

Advisor: Dr. Karen Froud

2014 - 2018

Brown University

Sc.B. in Cognitive Neuroscience (Honors)

Thesis: Picture this — or not? An objective exploration of Aphantasia

Advisor: Dr. Leslie Welch

ACCOLADES & AWARDS

Graduate

2021 - 2024	Knight-Hennessy Scholarship
2021	Enhancing Diversity in Graduate Education Doctoral Fellowship
2021	Edwin Gould Foundation Accelerator Fellowship
2020	Teachers College Innovation Scholarship for Best Student Research Award
2020	Lead365 National Leader of the Year Award Finalist
2020	4.0 New Normal Fellowship
2020	Education Pioneers Fellowship
2020, 2021	Teachers College Minority Scholarship
2020, 2021	Teachers College Dean's Grant for Student Research
2019	4.0 Essentials Fellowship
2019	Teachers College Arthur Zankel Urban Fellowship
2019	Columbia University Bridge to the Ph.D. in STEM Predoctoral Scholars Program (<i>Declined</i>)

Undergraduate

2018	Alfred H. Joslin Award (awarded to 5-10 undergraduates at Brown for "outstanding contributions")
2018	Elected to Sigma Xi: The Scientific Research Honor Society
2017	Research at Brown Award
2017	Institute for the Recruitment of Teachers Fellowship (<i>Declined</i>)
2016	World Economic Forum Albuquerque Global Shaper

2016	Congressional Hispanic Caucus Institute Scholarship
2015 - 2018	Future Global Leaders Fellowship
2015	Careers for the Common Good in New York City Grant Award
2014	Brown University Conte First-Generation Scholarship
2014 - 2025	Gates Millennium Scholarship
2013 - 2018	QuestBridge Scholar

RESEARCH PRESENTATIONS

**Denotes equal contribution*

Conference Posters

1. **Reyes, G.** (2021, Apr.). Exploring economic scarcity and cognition in adolescence. Lightning talk presented at the 2021 Institute for Psychological Science and Practice Conference at Teachers College, virtual
2. **Reyes, G.** & Froud, K. (2020, Oct.). Scarcity and the brain: Does financial deprivation affect learning and memory in adolescents? Poster presented at the 2020 Teachers College Academic Festival, virtual [**Winner of the Innovation Scholarship for Student Research Award**]
3. Arogbokun, O. C., Leota, A., Meng, S., Mokou, G., Perez-Luco, N. A., Reyes, G., & Stekhoven, J. S. (2020, June). The Future-Ready Graduate. Student Ambassador to present at the International Consortium for Educational Development Conference. Zurich, Switzerland. [**Canceled due to COVID-19**]
4. Reyes, G. *, Martinez, M. *, Wells, E. *, Wang, T. *, Sorets, T. *, Bergehella, A. *, Gonzalez, W. *, Dent, G., Linden, M. (2018, May). The Neuroscience of Racism: Examining the neural correlates of racial bias and discrimination. Oral presentation delivered at Brown University, Providence, RI.
5. Reyes, G. *, Njoroge, C. *, Ashford, L. *, Sandstede, B. (2018, April). Intersectionality in the Brown Scientific Community: Exploring minority scientist's antecedents to academic success. Poster presented at the Humans in STEM Conference at Yale University, New Haven, CT.
6. Reyes, G., Welch, L. (2018, Apr.). Picture this — or not? An objective exploration of mental imagery deficiency. Oral examination presented at the CLPS Honors Thesis Defense, Providence, RI.
7. Reyes, G., Linden, M. (2018, May). Are neurons making you racist? A systematic review of the neural correlates of racial bias. Presentation delivered at the Theories in Action Conference, Providence, RI.
8. Reyes, G. *, Njoroge, C. *, Ashford, L. *, Sandstede, B. (2017, May). Intersectionality in the Brown Scientific Community: Exploring minority scientist's antecedents to academic success. Poster presented at the Race and Gender in the Scientific Community Symposium, Providence, RI.

Workshops in Science & Education

1. Reyes, G. (2021, March). Neuroscience research workshop on learning and memory. Workshop delivered for the New Mexico Tech Upward Bound Math-Science Program. Virtual

2. Reyes, G. (2021, March). Upward Bound Career Talk. Workshop delivered for the Los Angeles Upward Bound Math-Science Program. Virtual
3. Reyes, G. (2020, February). Introduction to PsychoPy!. Workshop delivered for Dr. Tyler Watt's Human Development Capstone Course at Teachers College, Columbia University, New York, NY
4. Reyes, G.* & Young, G.* (2019, January). Dealing with rejection, failure, and anxiety: How neuroscience can help foster a growth mindset. Presentation delivered at the 2019 Fortis Society Induction Ceremony, Marrakech, Morocco.
5. Reyes, G. (2018, April). Do I belong here? A GMS workshop on intentional and inclusive community building. Presentation delivered at the 2018 Gates Millennium Scholars Program Leadership Academy, Seattle, WA.
6. Reyes, G. & La F. (2017, April). Student advocacy. Presentation delivered at the 2017 Gates Millennium Scholars Program Leadership Academy, St. Louis, MO.

SELECTED NON-ACADEMIC PUBLICATIONS

1. Reyes, G. (2019, Oct.). [From poverty to the lab: Navigating science amidst financial adversity](#). Stories in Science.
2. Reyes, G. (2017, Nov.). [Leave safe spaces alone](#). Brown Daily Herald.

LEADERSHIP EXPERIENCE IN SCIENCE

FLi Sci

Founder and Director

EGF Fellow

Dallas, TX

Jun. 2020 — Present

Feb. 2021 — Jun. 2021

- Created a website to provide resources to students who are either the first in the family to attend college or from low-income backgrounds with aspirations to pursue careers in Science, Technology, Mathematics, & Engineering (STEM)
- Earned \$5,000 in grant funding to pilot the FLi Sci Scholars Program, a 5-month long virtual research training program for 7 first-generation/low-income students with interest in studying science, receiving a 100% satisfaction rating
- Received a \$7,500 fellowship through the Edwin Gould Foundation to acquire leadership training to build FLi Sci into an organization

New Scientist Collective, Brown Science Center

Racial Equitect Program Coordinator

Academic Science Fellow and Mentor

Providence, RI

Apr. 2017 — May 2018

Sep. 2015 — Apr. 2017

- Supervised an organization with 140+ students to support the retention of underrepresented minorities in STEM through academic, personal, and professional programming
- Spearheaded a science mentoring program, a faculty-student lunch grant initiative, and an end-of-semester "STEM Scholar Celebration"

PROFESSIONAL EXPERIENCE IN EDUCATION

Achievement Network

Education Pioneers Data Science Fellow

Boston, MA

Jun. 2020 — Aug. 2020

- Selected from thousands of top graduate students and professionals for a leadership development fellowship program

- Created a statistical pipeline using Item Response Theory (IRT), RStudio, and SQL to provide data-driven feedback for the Math and ELA curriculum team on the quality and difficulty of their quarterly educational standardized assessments
- Authored a 16-page knowledge management guide detailing set-by-step instructions to use R and SQL code to conduct future analysis

The Opportunity Network

Decision Science Graduate Intern

Career Success Graduate Intern

New York, NY

Jun. 2020 — Aug. 2020

Nov. 2019 — Jun. 2020

- Spearheaded the development of the Summer Science Research Program (SSRP), providing 20 minority students a virtual research internship by creating curriculum to build research and data skills (student projects available here: www.OppNetSSRP.com)
- Co-facilitated “Data, Activated!”, an online introductory data science course for 25 OppNet Fellows, provided extensive 1:1 professional and academic mentorship for 8 Fellows' data projects, and received a 100% satisfaction rating

TEACHING & MENTORING

Courses Taught

- S21: **Course Instructor**, Introduction to Cognitive Neuroscience (guest taught at New Mexico Tech)
- S18: **Course Facilitator**, GISP 0001: Neuroscience of Racism (co-taught with Dr. Monica Linden)
- S18: **Teaching Assistant**, NEUR 2960: Neuroscience Graduate Statistics (Drs. David Sheinberg & Monica Linden)
- F17: **Teaching Assistant**, CLPS 0900: Statistics in Psychology (Dr. Kathryn Sphoer)
- S17: **Teaching Assistant**, CLPS 0040: Introduction to Cognitive Neuroscience (Dr. Dima Amso)

Mentoring

- 2020 - Present: Victoria Barrios (QuestBridge National College Match Recipient to Vassar College)
- 2015 - 2016: Jessica Tang (QuestBridge National College Match Recipient to Yale University)

SERVICE AND PROFESSIONAL ACTIVITIES

- 2020 - 2021: **New England Executive Board Member**, Education Pioneers
- 2021: First Cafecito's Essay Coach Workshop
- 2020 - 2021: **Equity and Representation Team** — Social Media & Outreach, BrainNY
- 2019 - 2020: **Alumni College Admissions Interviewer**, Brown University
- 2020: First Workings College Essay Writing Workshop
- 2019: Science Day Curiosity Experiment Demo, Zuckerman Mind, Brain, and Behavior Institute
- 2019: College Admissions Counselor, Washington Heights Expeditionary Learning School
- 2018 - 2019: **Director of Co-optation & Admissions**, Future Leaders Foundation
- 2016 - 2018: **Campus-Based Leader @ Brown**, Gates Millennium Scholars Program
- 2015 - 2018: **Talent Advisory Council Founder and Committee Member**, Future Leaders Foundation
- 2014 - 2015: **Executive Board Member**, Quest Scholars @ Brown