

Gabriel Reyes

Stanford

Stanford University | Graduate School of Education

Developmental and Psychological Sciences

Educational Neuroscience Initiative

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EDUCATION

2021 - 2026

Stanford University

Ph.D. Student in 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
- 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 (*Declined*)

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 Institute for the Recruitment of Teachers Fellowship (*Declined*)
- 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

FUNDING & GRANTS

2021	Dean's Collaborative Learning Fund <i>Stanford Graduate School of Education</i> Awarded for the Neuroscience Inclusion Committee on Equitable Research (NICER) Practices	\$2,900
2021	Dean's Grant for Student Research <i>Teachers College, Columbia University</i> Awarded to complete Master's thesis research	\$1,500
2020	Dean's Grant for Student Research <i>Teachers College, Columbia University</i> Awarded to complete Master's thesis research	\$1,000
2017	Research at Brown (RAB) Award <i>Brown University</i> Awarded to complete undergraduate honors thesis research	\$2,500

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.

Invited Talks

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| 2021 | The Synapse, Teachers College, Columbia University
<i>Guest Speaker, Alumni Connections with Neuroscience & Education students</i> |
| 2021 | Society Advancing Chicanos/Hispanics and Native Americans in Science (SACNAS), NIH Chapter
<i>Keynote Speaker, Open Discussion on LGBTQ+ Representation in Science</i> |

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

- 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

Dallas, TX

Jun. 2020 — Present

Feb. 2021 — Jun. 2021

New Scientist Collective, Brown Science Center

Racial Equity Program Coordinator

Academic Science Fellow and Mentor

- 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”

Providence, RI

Apr. 2017 — May 2018

Sep. 2015 — Apr. 2017

PROFESSIONAL EXPERIENCE IN EDUCATION

Northeastern Summer Math And Science Honors Academy

Computer Science & College Admissions Facilitator

- Taught an introductory data science course to 20 high school students, exposing low-income students to Python programming and the Pandas library
- Facilitated and mentored 5 SMASH scholars who are rising juniors to complete a draft college personal statement
- Achieved highest CS and college mentoring performance rating, with an average satisfaction in CS (3.25/4) and college (3.99/4), respectively

Boston, MA

Jun. 2021 — Aug. 2021

Achievement Network

Education Pioneers Data Science Fellow

- 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

Boston, MA

Jun. 2020 — Aug. 2020

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**

SUM 21:	Course Instructor , Introduction to Cognitive Neuroscience (guest taught at New Mexico Tech)
SPR 18:	Course Facilitator , GISP 0001: Neuroscience of Racism (co-taught with Dr. Monica Linden)
SPR 18:	Teaching Assistant , NEUR 2960: Neuro Graduate Statistics (Drs. David Sheinberg & Monica Linden)
FAL 17:	Teaching Assistant , CLPS 0900: Statistics in Psychology (Dr. Kathryn Sphofer)
SPR 17:	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

2021 - Present	Founder , Neuroscience Inclusion Committee on Equitable Research (NICER) Initiative
2021 - Present	Board of Directors , Road to Uni
2020 - Present:	Advisory Board Member , EdMobilizer First-Gen Next Frontier and End Your Legacy Initiative
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, BraiNY
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

SELECTED INTERVIEW AND MEDIA COVERAGE

10/2021:	Guest Interview, The Harvard Crimson “HKS Student Spearheads Alumni Donations Boycott Against Legacy Admissions”
06/2021:	Featured Interview, Brown University Alumni Office “For one young alum, the impact of financial aid continues to reverberate”

11/2020: Featured Interview, [Teachers College Early Risers](#)
"Exploring Poverty's Impact on Learning"

04/2016: Featured Profile, [Hispanic Scholarship Fund](#)
"#HSF Scholar Stories"

05/2014: Featured Interview, [UNM Newsroom](#)
"Upward Bound student Gabriel Reyes is Ivy League bound"