

Gabriel Reyes

Stanford University | Graduate School of Education
Developmental and Psychological Sciences

EDUCATION

- 2021 - 2026** **Stanford University**
Ph.D. Student in Developmental and Psychological Sciences
Advisor: Dr. Phil Fisher
- 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

AWARDS & HONORS

Graduate

- 2022 Camelback Ventures Fellowship
- 2021 - 2024 Knight-Hennessy Scholarship
- 2021 Enhancing Diversity in Graduate Education (EDGE) 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 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 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

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.** (2022, April). Tech Tea Talk — From Upward Bound (UB) to Ph.D. Presentation delivered for Council for Opportunity in Education STEM Education Series. Virtual.
2. **Reyes, G.** (2021, March). Neuroscience research workshop on learning and memory. Workshop delivered for the New Mexico Tech Upward Bound Math-Science Program. Virtual
3. **Reyes, G.** (2021, March). Upward Bound Career Talk. Workshop delivered for the Los Angeles Upward Bound Math-Science Program. Virtual
4. **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
5. **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.
6. **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.
7. **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

Dallas, TX

Founder and Director

Jun. 2020 — Present

- 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

Providence, RI

Racial Equitect Program Coordinator

Apr. 2017 — May 2018

Academic Science Fellow and Mentor

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

Northeastern Summer Math And Science Honors Academy

Boston, MA

Computer Science & College Admissions Facilitator

Jun. 2021 — Aug. 2021

- 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

Achievement Network

Boston, MA

Education Pioneers Data Science Fellow

Jun. 2020 — Aug. 2020

- 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

New York, NY

Decision Science Graduate Intern

Jun. 2020 — Aug. 2020

Career Success Graduate Intern

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	Board of Directors , Road to Uni
2021 - 2022	Founder , Neuroscience Inclusion Committee on Equitable Research (NICER) Initiative
2020 - 2022:	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, 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

SELECTED INTERVIEW AND MEDIA COVERAGE

10/2021:	Guest Interview, The Harvard Crimson <i>"HKS Student Spearheads Alumni Donations Boycott Against Legacy Admissions"</i>
06/2021:	Featured Interview, Brown University Alumni Office <i>"For one young alum, the impact of financial aid continues to reverberate"</i>
11/2020:	Featured Interview, Teachers College Early Risers <i>"Exploring Poverty's Impact on Learning"</i>
04/2016:	Featured Profile, Hispanic Scholarship Fund <i>"#HSF Scholar Stories"</i>
05/2014:	Featured Interview, UNM Newsroom <i>"Upward Bound student Gabriel Reyes is Ivy League bound"</i>