

# Gabriel Reyes

Stanford University | Graduate School of Education  
*Developmental and Psychological Sciences*

## EDUCATION

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- 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

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### Graduate

- 2022      Camelback Ventures Fellowship (\$40,000)
- 2021 - 2024      Knight-Hennessy Scholarship (\$304,880)
- 2021      Enhancing Diversity in Graduate Education (EDGE) Doctoral Fellowship (\$16,800)
- 2021      Edwin Gould Foundation Accelerator Fellowship (\$7,500)
- 2020      Teachers College Innovation Scholarship for Best Student Research Award (\$1,000)
- 2020      4.0 New Normal Fellowship (\$5,000)
- 2020      Education Pioneers Fellowship (\$10,000)
- 2020, 2021      Teachers College Minority Scholarship (\$15,000)
- 2019      4.0 Essentials Fellowship (\$500)
- 2019      Teachers College Arthur Zankel Urban Fellowship (\$10,000)
- 2019      Columbia University Bridge to the Ph.D. in STEM Predoctoral Scholars Program (*Declined to do M.S.*)

### 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 (\$4,000)
- 2014      Brown University Conte First-Generation Scholarship
- 2014 - 2026      Gates Millennium Scholarship (\$320,690)
- 2013 - 2018      QuestBridge Scholar (\$218,193)

## RESEARCH FUNDING & GRANTS

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

## RESEARCH PRESENTATIONS

### Conference Posters

\*Denotes equal contribution / ^Denotes alphabetical presentation

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 & Presentations in Science & Education**

*\*Denotes equal contribution / ^Denotes alphabetical presentation*

1. Arnett, H., Gonzalez, S., Mertz, A., **Reyes, G^.**, Sheats, J. (2022, November). Dismantling Barriers to STEM: Innovative & Culturally-Responsive Program Models for Student Preparedness & Success. Panel presented at the International Forum on Research Excellence Sigma Xi Conference, Alexandria, VA.
2. **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.
3. **Reyes, G.** (2021, March). Neuroscience research workshop on learning and memory. Workshop delivered for the New Mexico Tech Upward Bound Math-Science Program. Virtual
4. **Reyes, G.** (2021, March). Upward Bound Career Talk. Workshop delivered for the Los Angeles Upward Bound Math-Science Program. Virtual
5. **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
6. **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.
7. **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.
8. **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<br><i>Guest Speaker, Alumni Connections with Neuroscience &amp; Education students</i>                                 |
| 2021 | Society Advancing Chicanos/Hispanics and Native Americans in Science (SACNAS), NIH Chapter<br><i>Keynote Speaker, Open Discussion on LGBTQ+ Representation in Science</i> |

## SELECTED NON-ACADEMIC PUBLICATIONS

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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

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### 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

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### 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***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](http://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**

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**Courses Taught**

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

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2021 - 2022:	<b>Board of Directors</b> , Road to Uni
2021 - 2022:	<b>Founder</b> , Neuroscience Inclusion Committee on Equitable Research (NICER) Initiative
2020 - 2022:	<b>Advisory Board Member</b> , EdMobilizer First-Gen Next Frontier and End Your Legacy Initiative
2020 - 2021:	<b>New England Executive Board Member</b> , Education Pioneers
2021:	First Cafecito's Essay Coach Workshop
2020 - 2021:	<b>Equity and Representation Team</b> — Social Media & Outreach, BrainNY
2019 - 2020:	<b>Alumni College Admissions Interviewer</b> , 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:	<b>Director of Co-optation &amp; Admissions</b> , Future Leaders Foundation
2016 - 2018:	<b>Campus-Based Leader @ Brown</b> , Gates Millennium Scholars Program
2015 - 2018:	<b>Talent Advisory Council Founder and Committee Member</b> , Future Leaders Foundation
2014 - 2015:	<b>Executive Board Member</b> , Quest Scholars @ Brown

**SELECTED INTERVIEW AND MEDIA COVERAGE**

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10/2021:	Guest Interview, <a href="#">The Harvard Crimson</a> “HKS Student Spearheads Alumni Donations Boycott Against Legacy Admissions”
06/2021:	Featured Interview, <a href="#">Brown University Alumni Office</a> “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"*