

Gabriel Reyes

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Department of Biobehavioral Sciences

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EDUCATION

Aug. 2019 - May 2021

Columbia University

M.S. Candidate in Neuroscience & Education

Graduate Advisor: Karen Froud, Ph.D.

- Relevant Coursework: Applied Regression Analysis, Beyond Regression: Diving Into Data Analysis, Application, and Ethics, Methods of Empirical Research

Sep. 2014 - May 2018

Brown University

Sc.B. in Cognitive Neuroscience (Honors)

Honors Advisor: Leslie Welch, Ph.D.

Concentration Advisor: William Heindel, Ph.D.

- Relevant Coursework: Linear Algebra, Multivariate Calculus, Neuroscience Graduate Statistics, Functional Magnetic Resonance Imaging: Theory & Practice, Race & Gender in the Scientific Community

HONORS, FELLOWSHIPS, AND AWARDS

Graduate

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 (\$5,000)
2020	Education Pioneers Fellowship (\$7,200)
2020	Teachers College Minority Scholarship (\$5,100)
2020	Teachers College Dean's Grant for Student Research (\$1,000)
2019	4.0 Essentials Fellowship (\$300)
2019	Teachers College Arthur Zankel Urban Fellowship (\$10,000)
2019	Columbia University Bridge to the Ph.D. in STEM Predoctoral Scholars Program (Declined)

Undergraduate

2018	Alfred H. Joslin Award for Outstanding Seniors at Brown University
2018	Elected to Sigma Xi: The Scientific Research Honor Society
2017	Research at Brown Award (\$500)
2017	Institute for the Recruitment of Teachers Fellowship (Declined)
2016	World Economic Forum Albuquerque Global Shaper

2016	Congressional Hispanic Caucus Institute Scholarship
2015	Future Global Leaders Fellowship
2015	Careers for the Common Good in New York City Award
2015	Brown University Conte First-Generation Scholarship
2014 - 2029	Gates Millennium Scholarship
2013	QuestBridge Scholarship

SELECTED NON-ACADEMIC PUBLICATIONS

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

RESEARCH PRESENTATIONS

*Denotes equal contribution

1. **Reyes, G.** (In preparation). Examining differences in reward processing and episodic memory consolidation in adolescents from low socioeconomic backgrounds. Abstract to be submitted to the 2021 Society for Affective Science Conference, 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 Best 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.

WORKSHOP PRESENTATIONS IN SCIENCE & EDUCATION

1. **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
2. **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.
3. **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.
4. **Reyes, G.** & La F. (2017, April). Student advocacy. Presentation delivered at the 2017 Gates Millennium Scholars Program Leadership Academy, St. Louis, MO.

SCIENTIFIC RESEARCH EXPERIENCES

Masters Thesis Candidate

Teachers College Department of Biobehavioral Sciences

Aug. 2019 – May 2021

New York, NY

- Graduate Advisor: Karen Froud, Ph.D.
- Developing a novel experimental design using scarcity scenarios to examine how financial deprivation affects reward learning, episodic and working memory in adolescents from diverse socioeconomic backgrounds

Learning Lab Research Assistant

Columbia | Zuckerman Mind Brain Behavior Institute

Aug. 2019 – May 2021

New York, NY

- Principal Investigator: Daphna Shohamy, Ph.D.
- Exploring the role of episodic memory and associations on reward learning in adolescents and building understanding of computational modeling in reinforcement learning
- Participate in weekly lab meetings, journal clubs, and the Race and Racism Working Group

Undergraduate Research Assistant & Honors Candidate

Department of Cognitive, Linguistic, and Psychological Sciences

Aug. 2017 – May 2018

Providence, RI

- Principal Investigator & Honors Advisor: Leslie Welch, Ph.D.
- Designed and coded experiment testing visual imagery in individuals with Aphantasia (the inability to think in images) using PsychoPy, analyzed data using SPSS and MATLAB, and recruited and collected data from 130+ participants remotely

Undergraduate Research Assistant
Brown University Metcalf Infant Research Lab

Oct. 2014 – May 2015
Providence, RI

- Principal Investigator: Jim Morgan, Ph.D.
- Outreached to numerous individuals around the Rhode Island area to participate in various research regarding the development of language in infants and recruited over 50 subjects for graduate students on 5 different studies

LEADERSHIP EXPERIENCES IN SCIENCE

Founder
FLi Sci

Jun. 2020 – Present
Dallas, TX

- Spearheaded the creation of a website for first-generation/low-income students who aspire to pursue a degree and/or professional in science research (www.flisci.com)
- Earned a \$5,000 New Normal fellowship to pilot the FLi Sci Scholars Program, a virtual research trainee program for 8 high school students that identify as first-gen and low-income with interests in STEM

Racial Equitect Coordinator
Academic Science Fellow

Apr. 2017 – May 2018
Jan. 2017 – Apr. 2017
Providence, RI

New Scientist Collective, Brown University

- 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"

Psychological and Disability Research Intern
Teco Images Systems Co., Ltd.

May 2016 – Jul. 2016
Taoyuan City, Taiwan

- Spearheaded Project SPA: Support for People with Autism, an advocacy initiative to recruit and retain adults with disabilities in Taiwan, successfully employing 7 adults with autism at Teco
- Analyzed 100+ articles of scientific primary literature on autism exploring autism employment rates in competitive workspaces, factors that prohibit and support adults with disabilities from gaining employed

PROFESSIONAL EXPERIENCES IN EDUCATION

Education Pioneers Data Science Fellow
The Achievement Network

Jun. 2020 - Aug. 2020
Boston, MA

- Selected from thousands of top graduate students and professionals to complete a high-impact data analysis project analyzing mathematics assessment data using R

Decision Science Graduate Intern
Career Success Graduate Intern

Jun. 2020 - Aug. 2020
Nov. 2019 - Jun. 2020
New York, NY

The Opportunity Network

- Created and designed the OppNet Summer Science Research Program (SSRP), a virtual 6-week science training program for 20 underrepresented, diverse youth in the New York City area (www.OppNetSSRP.com)
- Co-facilitating "Data, Activated!", an introductory data science course for 24 high school and college students and directly regularly supervised and mentored 8 students

Aspiring Leaders Program (ALP) Program Coordinator

Jul. 2018 – Jun. 2019

Teaching Trust

Dallas, TX

- Coordinated various programming for 25 graduate students to cultivate professional and academic skills to position them for success in their instructional leadership role at an urban school around the Dallas/Fort Worth area

TEACHING & MENTORING EXPERIENCES

Course Instructor or Co-Facilitator

- 2020:** Data, Activated! An Introduction to Data Inquiry (24 students; 8 D.A.T.A. Mentees)
2019 - 2020: Zankel Fellowship - Health & Nutritional Science (20 students)
2017 - 2018: GISP 0001: Neuroscience of Racism (co-taught with [Dr. Monica Linden](#); 7 students)

Undergraduate Teaching Assistant

- 2018:** NEUR 2960: Neuroscience Graduate Statistics ([Drs. David Sheinberg](#) & [Monica Linden](#))
2017: CLPS 0900: Statistics in Psychology ([Dr. Kathryn Sphoer](#))
2017: CLPS 0040: Introduction to Cognitive Neuroscience ([Dr. Dima Amso](#))

Research Mentoring

- 2020 - Present:** Victoria Barrios (QuestBridge National College Match Finalist)

Academic Mentoring

- 2015 - 2016:** Jessica Tang (Yale University, QuestBridge National College Match Scholar)

SERVICE TO THE UNIVERSITY AND COMMUNITY

- 2020 - Present:** New England Executive Board Member, Education Pioneers
2020 - Present: 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, Future Leaders Foundation
2014 - 2015: QuestBridge Scholars @ Brown Executive Board Member, QuestBridge

SKILLS & HOBBIES

Programming & Technical: R, Python, LaTeX, SPSS, Excel, SQL Server, Qualtrics, GitHub

Experimental Design: PsychoPy, Tellab, jsPsych

Languages: Spanish (native), English (fluent)

Hobbies: Movies, Cooking, Hiking, Running, Writing/Blogging, Web Design