

Gabriel Reyes



First-Generation Graduate Student

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

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

2020	Education Pioneers Fellowship
2020	Teachers College Minority Scholarship
2020	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>)
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
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 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.**, et al. (Forthcoming: 2020, June). The "Future-Ready Graduate." ICED Student Ambassador at the International Consortium for Educational Development Conference, Zurich, Switzerland.
2. **Reyes, G.**, Martinez, M., Wells, E., Wang, T., Sorets, T., Bergehella, A., Gonzalez, W., Dent, G., Linden, M. (2018, May). Are neurons making you racist? A systematic review of the neural correlates of racial bias. Oral presentation delivered at Brown University, Providence, RI.
3. **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.
4. **Reyes, G.**, Welch, L. (2018, April). Picture this — or not? An objective exploration of mental imagery deficiency. Oral examination presented at the CLPS Honors Thesis Defense, Providence, RI.
5. **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.
6. **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

1. **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.
2. **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.
3. **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

Graduate Research Assistant

Columbia | Zuckerman Mind Brain Behavior Institute Learning Lab

Aug. 2019 – Present

New York, NY

- Principal Investigator: Daphna Shohamy, Ph.D.
- Exploring the role of episodic memory and associations on reward learning in adolescents across various socioeconomic backgrounds

Undergraduate Research Assistant & Honors Candidate

Department of Cognitive, Linguistic, and Psychological Sciences

Aug. 2017 – May 2018

Providence, RI

- Principal Investigator: 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

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 employment

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

PROFESSIONAL EXPERIENCES IN EDUCATION

Education Pioneers Data Analyst Fellow

The Achievement Network

Jun. 2020 - August 2020

New York, NY

- Selected from thousands of top graduate students and professionals for the Education Pioneers Fellowship, a leadership development program.
- Matched to complete a high-impact data analysis project analyzing mathematics assessment data for ANet and participate in leadership, networking, and education industry professional development.

Decision Science & Summer Program Graduate Intern

The Opportunity Network

Jun. 2020 - August 2020

New York, NY

- Created and manage the OppNet Summer Science Research Program (SSRP), a virtual 6-week science training program for underrepresented, diverse youth in the New York City area
- Co-facilitating "Data, Activated!", an introductory data science course for high school and college students

Arthur Zankel Urban Fellow*Teachers College Office of Community Partnerships***Jun. 2019 - May 2020***New York, NY*

- Met biweekly with 8-grade students at Frederick Douglass Academy II working on a data project highlighting the social and biological impact of COVID-19 to present at the 2020 Zankel Showcase

Aspiring Leaders Program (ALP) Program Coordinator*Teaching Trust***Jul. 2018 – Jun. 2019***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

LEADERSHIP EXPERIENCES IN SCIENCE & EDUCATION

Director of Co-Optation*Fortis Society, Future Leaders Foundation Inc.***Apr. 2018 – Jan. 2019***New York, NY*

- Oversaw a council of 5 Fortis Members to review applications for induction into the Fortis Society — the first honors society for first-generation and/or low-income young professionals
- Attend bi-weekly meetings with all Directors to provide updates on respective Council work and provide recommendations to strengthen recruiting and review process

Racial Equitect Coordinator*New Scientist Collective, Brown University***Apr. 2017 – May 2018***Providence, RI*

- 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"

Talent Advisory Council Founder & Committee Member*Future Global Leaders Fellows***Aug. 2015 – Apr. 2018***New York, NY*

- Recipient of international fellowship (3% acceptance rate) on the basis of academic merit and demonstrated leadership potential
- Created an admissions council with 8 recipients of the Future Global Leaders Fellowship to review ~100 applications from students worldwide to elect a new class of FGL Fellows

GMS Campus-Based Leader*Gates Millennium Scholars Program***Aug. 2016 – May 2018***Providence, RI*

- Oversaw 90+ Brown University Gates Scholars by organizing, communicating, and implementing monthly social and academic events emphasizing community engagement and cohort bonding
- Facilitated and presented 2 interactive workshops to 60+ participants on the topics of student advocacy and cultivating inclusive spaces on college campuses

Executive Board Member*Brown University QuestBridge Chapter***Aug. 2014 – May 2015***Providence, RI*

- Assisted in the organization of social and academic events for over 200 low-income students at Brown

TEACHING & MENTORING EXPERIENCES

Course Instructor

Summer 2020: Data, Activated! An Introduction to Data Science (~40 students expected)
2019 - 2020: Zankel Fellowship - Health Science (20 students)
Spring 2018: GISP 0001: Neuroscience of Racism (co-taught with [Dr. Monica Linden](#); 7 students)

Undergraduate Teaching Assistant

Spring 2018: NEUR 2960: Neuro Graduate Statistics ([Drs. David Sheinberg](#) & [Monica Linden](#); 14 students)
Fall 2017: CLPS 0900: Statistics in Psychology ([Dr. Kathryn Sphoer](#); 46 students)
Spring 2017: CLPS 0040: Introduction to Cognitive Neuroscience ([Dr. Dima Amso](#); 47 students)

Undergraduate Academic Mentoring

2018: David Diaz (Yale University, Gates Scholar)
2018: Donovan Vu (University of Florida, Gates Scholar)
2018: Gregory Hill (Brown University, Gates Scholar)
2018: Malik Price (University of Southern California, Gates Scholar)
2018: Yair Gomez-Ortiz (Stanford University, Gates Scholar)
2018: Zabdiel Rothschild (Georgetown University, Gates Scholar)
2018: Arshad Baruti (Northwestern University, Gates Scholar)
2018: Aman Heyer (Yale University, Gates and QuestBridge National College Match Scholar)
2016: Jessica Tang (Yale University, QuestBridge National College Match Scholar)
2015: Gasira Timir (Grinnell College, QuestBridge National College Match Scholar)

SERVICE TO THE UNIVERSITY AND COMMUNITY

Dec. 2019: Zuckerman Institute Monthly Science Day Curiosity Experiment Demo (90+ visitors)
Nov. 2019: Brown University Alumni Admissions Interviewer (interviewed 11 students)
Nov. 2019: Washington Heights Expeditionary Learning School (WHEELS) College Admissions Counselor
Feb. 2019: Brown University Alumni Admissions Interviewer (interviewed 10 students)

SKILLS & HOBBIES

Programming & Technical: R, Python, LaTeX, SPSS, Excel, SQL

Experimental Design: PsychoPy, Tellab, jsPsych

Languages: Spanish (native), English (fluent), Japanese (beginner)

Hobbies: Films, Cooking, Hiking, Running, Writing/Blogging