

# Gabriel Reyes

## Teachers College, Columbia University

Department of Biobehavioral Sciences

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## EDUCATION

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Sep. 2019 - May 2021

### Columbia University

#### M.S. Candidate in Neuroscience & Education

Graduate Advisor: Karen Froud, Ph.D.

Sep. 2014 - May 2018

### Brown University

#### Sc.B. in Cognitive Neuroscience (Honors)

Honors Advisor: Leslie Welch, Ph.D.; Concentration Advisor: William Heindel, Ph.D.

## HONORS, FELLOWSHIPS, AND AWARDS

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### Graduate

2021	EGF Accelerator Fellowship (\$7,500)
2020	Teachers College Innovation Scholarship for Best Student Research Award (\$1,780)
2020	Lead365 National Leader of the Year Award Finalist
2020	4.0 New Normal Fellowship (\$5,000)
2020	Education Pioneers Fellowship (\$7,200)
2020, 2021	Teachers College Minority Scholarship (\$15,780)
2020, 2021	Teachers College Dean's Grant for Student Research (\$2,360)
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 (& Graduate Fellowship)
2013	QuestBridge Scholarship

## 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. [[LINK](#)]
2. **Reyes, G.** (2017, Nov.). Leave safe spaces alone. Brown Daily Herald. [[LINK](#)]

## RESEARCH PRESENTATIONS

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**\*Denotes equal contribution**

1. **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**]
2. 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**]
3. **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.
4. **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.
5. **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.
6. **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.
7. **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

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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

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### **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.
- Learn about 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

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

#### **New Scientist Collective, Brown University**

**Apr. 2017 – May 2018**

**Jan. 2017 – Apr. 2017**

**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"

### **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

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### **Education Pioneers Data Science Fellow**

#### **The Achievement Network**

**Jun. 2020 - Aug. 2020**

**Boston, MA**

- Selected from thousands of top graduate students and professionals for a leadership development fellowship program and worked as a data scientist for ANet

### **Decision Science Graduate Intern**

#### **Career Success Graduate Intern**

#### **The Opportunity Network**

**Jun. 2020 - Aug. 2020**

**Nov. 2019 - Jun. 2020**

**New York, NY**

- 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

### **Aspiring Leaders Program (ALP) Program Coordinator**

#### **Teaching Trust**

**Jul. 2018 – Jun. 2019**

**Dallas, TX**

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

## TEACHING & MENTORING EXPERIENCES

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### 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 (2020 QuestBridge National College Match Recipient to Vassar College)

### Academic Mentoring

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

## SERVICE TO THE UNIVERSITY AND COMMUNITY

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

## SKILLS & HOBBIES

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**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