

Arianna (Ari) M. Broad | Biochemistry PhD Candidate

amb647@cornell.edu

(607) 227 – 0052

Education

Cornell University

Ithaca, NY

08/2020 – Present

PhD in Biochemistry – In progress of 4th year

Minors: Cellular Biology, Molecular Biology

Candidacy Exam Status: PASSED

Committee Members:

- Chris Fromme, Ph.D. – Committee Chairperson, Biochemistry
- Carolyn Sevier, Ph.D. – Minor Committee Member, Cellular Biology
- Richa Sardana, Ph.D. – Additional Committee Member, Molecular Biology
- Eric Alani, Ph.D. – MBG Field Member for Candidacy Exam

Florida State University (FSU)

Tallahassee, FL

08/2016 – 05/2020

Bachelor of Science in Biological Sciences

With Honors– Magna Cum Laude + Honors Thesis Defense

Minor: Chemistry

Publications

[1] **A.M. Broad** and R.O. Porter. (In Manuscript Writing) To Be or Not To Be Indian Country: Are Enrolled Cayuga Nation Individuals Exempt from Civil Legislation State Jurisdiction?

[2] N. Srivastava and **A.M. Broad** (In Review) An evolutionary review on the substrate specificity of the gustatory receptors. *International Journal of Science and Research*.

[3] S. Goel and **A.M. Broad** (In Review) Predictive modeling of CDC25 isoforms to provide insight into dual-action phosphatase substrate specificity. *Journal of Student Research*.

[4] B. Sureka and **A.M. Broad**. (In Review) HMGB1: Exploring scaffolding factors that shape chromosomal organization. *The National High School Journal of Science*.

[5] R.A. Kumar and **A.M. Broad**. (In Review) Investigating the use of neuropeptides as an immediate treatment to reduce hemin toxicity in hemorrhagic stroke. *Columbia Junior Science Journal*.

[6] A.A. Panderath and **A.M. Broad**. (In Review) Examining the crosstalk network between the DNA damage response and cisternal maturation of the Golgi complex. *National High School Journal of Science*.

[7] S. Wang and **A.M. Broad**. (2023) Elucidating the Epigenetic Mechanisms that Modulate Biological Age. *Journal of Research High School*. Volume 2023(1):214-221. ISSN 2688-3651 https://www.journalresearchhs.org/ISSN_2688_3651

[8] P. Bordoloi and **A.M. Broad**. (2023) Investigating the Roles of TRP Channels in Nociception and Analgesic Applications. *Vanderbilt Young Scientists Journal*. Vol 2023 – ISSN 2163-7830
<https://wp0.vanderbilt.edu/youngscientistjournal/article/investigating-the-roles-of-trp-channels-in-nociception-and-analgesic-applications>

[9] K. Agrawal and **A.M. Broad**. (2023) Can we predict the future?: Modelling SARS-CoV-2 epidemic to endemic transition. *Journal of Student Research*. 11(3). doi: <https://doi.org/10.47611/jsrhs.v11i3.2898>

[10] N. Pyarali and **A.M. Broad**. (2022) Investigating the DNA Damage Response Elicited by Transposable Element Integration. *Journal of Student Research*. 11(2). <https://doi.org/10.47611/jsrhs.v11i2.2544>

[11] R.A. Dick, C. Xu, D.R. Morado, V. Kravchuk, C.L. Ricana, T.D. Lyddon, **A.M. Broad**, J.R. Feathers, M.C. Johnson, V.M. Vogt, J.R. Perilla, J.A.G. Briggs, F.K.M. Schur. (2020). Structures of immature EIAV Gag lattices reveal a conserved role for IP6 in lentivirus assembly. *PLoS Pathog.* 16(1): e1008277. doi: <https://doi.org/10.1371/journal.ppat.1008277>

Legal and Policy Experience

Village of Dryden Board of Trustees v. WDD LLC **Dryden, NY** **02/2023 – 06/2023**
Represented Defendant

- Case Summary: Village of Dryden Board of Trustees is suing Wildes Doggy Daycare, LLC on the basis of illegal operations of a dog daycare in a residential A zone for monetary reparations and permanent injunction of cease of operations.
- Status: Both parties signed a stipulation of discontinuance. Lawsuit is now dropped.
- Council: Anthony Elia – Miller Mayor LLP

Wildes Doggy Daycare, LLC v. Village of Dryden ZBA **Dryden, NY** **11/2022 – 03/2023**
Self-Represented Plaintiff

- Case Summary: Motion of Opposition via Article 78 Proceeding petitioning for judicial intervention of the New York State Supreme Court against the decision of the governing body (Village of Dryden Zoning Board of Appeals) regarding the case *Village of Dryden Zoning Board of Appeals v. Wildes Doggy Daycare, LLC*.
- Status: Decision ordered; dog daycares are not customary home occupations in the Village of Dryden.

Village of Dryden ZBA v. Wildes Doggy Daycare, LLC **Dryden, NY** **08/2022 – 10/2022**
Self-Represented Defendant

- Case Summary: Co-owners of Wildes Doggy Daycare, (“WDD”) Arianna Broad and Joshua Wildes were served with a notice of violation from the Village of Dryden Zoning Board of Appeals, (“ZBA”) for running a dog daycare in a residential A zone.
- Defense: WDD satisfies all of the requirements by Village of Dryden zoning law to be defined as a customary home occupation. Customary home occupations are an allowable use out right in a residential A zone.
- Status: ZBA decision denied WDD’s accommodation request to be defined as a customary home occupation. The resolution of the ZBA was to issue a Notice of Violation/Order to Remedy by action of ceasing and desisting operation of WDD at 1 Tannery Circle.
- Advisory Council: Mahlon Perkins, Esq.

Cornell University Assembly **Ithaca, NY** **05/2023 – Present**
Executive Vice Chair of Operations

- The UA is dedicated to expanding and enhancing the student and employee benefits and workers’ rights by approving resolutions brought forth by the student assemblies (undergraduate and graduate & professional) and employee assembly, bringing said resolutions up to the correct departments and Board of Trustees if needed, and aiding in the implementation of said resolutions to create or modify existing policies.
- Role as the executive vice chair of operations is to fill all committee vacancies, oversee committee actions and meetings, and to advise the rest of the executive committee on issues brought forth by the minor committees.

Graduate & Professional Student Assembly **Ithaca, NY** **09/2021 – Present**
Biological Sciences Voting Member

- The GPSA is dedicated to expanding and enhancing student benefits and workers’ rights by writing resolutions to existing policies for the University Assembly to assess and implement as needed.
- Serving as a voting member for the Biological Sciences Committee. Duties entail attending all assembly meetings and voting in all proposed resolutions as a biological sciences voting member.
- Served as the representative for the Biochemistry, Molecular and Cell Biology Doctoral Field from 2021 – 2023, duties entailed attending all assembly meetings.

Work Experience

Cornell University Diversity Programs in Engineering **Ithaca, NY** **06/2023 – Present**
CURIE/CATALYST Graduate Coordinator

- Graduate coordinator for the CURIE/CATALYST Academies – an engineering bootcamp for high schoolers between incoming grades 10-12.
- Role includes completing all participant intake information, waivers, and forms; distributing and collaborating with other Cornell departments where necessary to coordinate this event; communicating with all participants and parents leading up to the academies and post-academy; coordinating the entire event week of being point of contact as issues arise; managing all staff; and completing many other miscellaneous roles required for event planning.

Lumiere Education **Cambridge, MA** **05/2021 – Present**
Graduate Research Advisor

- Lumiere Education is an online intensive independent research program for high school students and undergraduates. Mentees are paired with Ivy League University PhD students in their desired discipline.
- Program entails guiding the students in a literature review or individual research project, providing insight to graduate level questions on their topic, and editing their review paper they write from their literature search. The goal of the program is for the student to publish their work in a reputable high school science journal.
- Lead biological sciences mentor, panel member on publication seminar by Kyros.AI's and Lumiere's new merger.

Cornell Engineering CURIE Academy **Ithaca, NY** **07/2022 and 07/2023**
Resident Hall Director (RHD)

- Responsible for the proper conduct and interpersonal communications of 50 young women from the ages of 15-17 who are interested in pursuing engineering for their undergraduate degree.
- Prepared their dormitories, facilitated research sessions, and facilitated all social events, transportation, and accommodations.
- Legal guardian of all 50 students, dispensed medications, wrote incident reports, and wrote daily reports on research progress and conduct.

Cornell University Upward Bound **Ithaca, NY** **06/2023**
Lead Chemistry Teacher

- Lead chemistry teacher for the summer component of Upward Bound, designed to prepare students for the classes they will be taking the coming school year to get them ahead of the game, hopefully increasing their average grades due to premature exposure to the course content. Also aids them in NYS Regents standard examination of chemistry.
- Role is to design and teach a new college-style chemistry course for students to inform them of the college-like seminar-style lecture/lab components while also preparing them for the NYS Regents exam. This course is being written from scratch by Ari and co-teacher Claudia Chambliss.

Cornell University Molecular Biology & Genetics (MBG) **Ithaca, NY** **11/2020 – 02/2023**
Graduate Student Administrator

- 2023 co-lead of the MBG new student recruitment organization committee.
- 2022 new graduate student orientation committee member.
- 2022 co-lead of the MBG National Science Foundation Research Experiences for Undergraduates student organizer for peer mentor activities.
- 2021 voting council member of MBG Diversity Council.
- 2020 peer mentor for the MBG National Science Foundation Research Experiences for Undergraduates.

Wildes Doggy Daycare, LLC **Dryden, NY** **07/2021 – 01/2023**
Chief Financial Officer/Health Advisor

- Wildes Doggy Daycare is a home dog daycare, boarding, and grooming center. We specialize in the treatment and rehabilitation of dogs with severe behavior and anxiety problems to better support this need in our community.

- Business strategist, financial analyst, and administrator that facilitates the daily administration operations of the business, runs financial reports, and advises the Chief Operations Officer of the most prudent strategy to expand the business and better client satisfaction and retention.
- Other duties include spear heading the legal battles with the Village of Dryden Zoning Board of Appeals, mitigating client dissatisfaction and support, and taking on all other projects outside of daily operations.
- Health Advisor duties include performing health inspections on all dog clients, performing basic grooming for health procedures, and providing recommendations for treatment from a veterinary doctor.

MixLab, Rx. **Manhattan, NY** **05/2020 – 08/2020**

Veterinary Compounding Pharmacy Technician

- Compounded pharmaceutical drugs for animals of all kinds including dogs, cats, rodents, reptiles, and primates.
- Spear-headed MixLab's COVID-19 outreach program where we compounded several hundred gallons of hand sanitizer and distributed it to first responders, health care workers, and protestors.

Florida State University **Tallahassee, FL** **05/2019 – 05/2020**

Laboratory Teaching Assistant

- TA for BSC 1005L, Biology for Non-Major Laboratory; interacting with students approximately ~17 hrs/wk.
- Duties included weekly preparation for the next week's experiment, teaching two laboratory sections, holding office hours, grading, and communicating with students.

Florida State University **Tallahassee, FL** **01/2019 – 5/2020**

Chemistry Tutor

- Facilitated group and one-on-one tutoring for the late-night, walk-in library tutoring on campus.
- Tutored subjects include general chemistry up to biochemistry.

Florida State University **Tallahassee, FL** **12/2017 – 12/2018**

Laboratory Manager – Zhu Lab

- Organized, maintained, and smoothly ran day to day functions in lab.
- Efficiently completed essential laboratory tasks and continued to advance laboratory functionality.

Research Experience

Cornell University **Ithaca, NY** **07/2021 – Present**

Weill Institute for Cell and Molecular Biology

Graduate Research Assistant – Fromme Lab

- Graduate student in Chris Fromme's lab that studies the eukaryotic endomembrane trafficking system, with a specialty in the Golgi apparatus resident GTPases.
- Thesis project is investigating the structure and function of the Golgi apparatus resident protein complex Mon2-Dop1. This investigation is employing cutting edge techniques such as cryo-EM, confocal fluorescent microscopy, and *in vitro* biochemistry.

Cornell University **Ithaca, NY** **05/2021 – 07/2021**

Rotation Student – Crickard Lab

- Member of Brooks Crickard's lab that studies the function of DNA motor proteins in Homologous Recombination.
- Project entailed optimizing a cross-linking assay between Rad54 homo-oligomers to conduct a structural analysis via cross-linking mass spectrometry (CLMS).

Cornell University **Ithaca, NY** **03 – 05/2021**

Rotation Student – Smolka Lab

- Member of Marcus Smolka's lab that studies the phosphoproteome during the DNA Damage Response.
- Project entailed determining cell-cycle defects in PPM1G knock down cell lines.

Cornell University **Ithaca, NY** **01 – 03/2021**

Rotation Student – Sevier Lab

- Member of Carolyn Sevier's lab that studies the effect of redox stress on protein folding.
- Project entailed functional assays between the redox mediators Sec63 and Kar2 in *S. cerevisiae* to elucidate how oxidation of cysteines modulates the Unfolded Protein Response (UPR).

Cornell University

Ithaca, NY

11/2020 – 01/2021

Rotation Student – Whittaker and Daniel Labs

- Joint rotation student in the labs of Gary Whittaker and Susan Daniel that studies coronaviruses.
- Project entailed bulk membrane fusion assays to determine the effect of lipid composition on sars-CoV2 fusion peptide membrane insertion.

Cornell University

Ithaca, NY

09 – 11/2020

Rotation Student – Kellogg Lab

- Member of Elizabeth Kellogg's lab that studies the structure of nucleic acid binding proteins.
- Project entailed optimization of advanced heterogenous isolation protocols to enrich RNAPII in the pause state bound to chromatin, RNA, NELF, and its other pause factors.

Florida State University

Tallahassee, FL

01/2019 – 05/2020

Undergraduate Research Assistant – Bienkiewicz Lab

- Undergraduate research assistant in Ewa Bienkiewicz's translational biophysics laboratory completing honor's thesis working full-time.
- Honor's thesis project on testing the binding affinities and potential cell membrane interactions of the neuroprotective cellular prion protein (PrP^C) octarepeat (OR) peptide mutants. Project entails utilizing surface plasmon resonance (SPR), *in vitro* liposome assays, and computational biology.

Harvard University

Cambridge, MA

06 – 08/2019

Research Intern – Gaudet Lab

- Participant of the Leadership Alliance (LA) Summer Research Opportunities at Harvard (SROH). LA participation included presenting my summer research at the Leadership Alliance National Symposium in July 2019.
- Member of Rachelle Gaudet's lab researching the substrate specificity of the inducible gustatory receptor ion channel in insect orthologs and conducting mutagenesis of hypothesized substrate binding residues.

Florida State University

Tallahassee, FL

12/2016 – 12/2018

Research Assistant – Zhu Lab

- Undergraduate research assistant in Fanxiu Zhu's virology laboratory studying Kaposi's Sarcoma-Associated Herpesvirus (KSHV).
- Research investigated KSHV ORF52's role in viral infectivity and production of viral progeny.

Cornell University

Ithaca, NY

06 – 08/2018

Research Intern – Vogt Lab

- Participant of the National Science Foundation's (NSF) Research Experiences for Undergraduates (REU) in the Department of Molecular Biology and Genetics.
- Member of Volker Vogt's lab comparing the *in vitro* assembly of the structural protein Gag in Simian Immunodeficiency Virus (SIV) with the Gag protein in HIV via transmission electron microscopy and small molecule interaction assays.
- Research experience resulted in first publication – See Publications section of CV [10].

Louisiana State University

New Orleans, LA

06 – 08/2017

Research Intern – Wang Lab

- Participant of the National Science Foundation's (NSF) Research Experiences for Undergraduates (REU) in the Department of Microbiology, Immunology, and Parasitology.
- Member of Ping Wang's lab characterizing the morphologies of different clinical strains of the pathogenic, drug resistant fungus *R. delemar*.

Involvement & Service

MBG Diversity Council

Ithaca, NY

08/2021 – Present

Member

- The Molecular Biology and Genetics Department Diversity Council aims to increase diversity, equity, and inclusion within and outside of the department through social events, networking mixers, and listening sessions.
- Spearheads the new student orientation tax information session annually.

SACNAS

Ithaca, NY

08/2020 – Present

Member

- Attends meetings which include career workshops, grant/fellowship writing workshops, and lectures from BIPOC faculty and their journey as a minority in STEM.
- Attended SACNAS NDiSTEM 2022 National Conference in San Juan, Puerto Rico to table and recruit students to Cornell University and specifically, MBG.

Vaccination Conversations with Scientists (VaCS)

Ithaca, NY

12/2021 – 07/2022

Data Committee Leadership

- VaCS is a collaborative organization with Cornell University undergraduate students, graduate students, and faculty to increase vaccination rates locally and engage the public to learn more about COVID-19 vaccinations and public health regulations.
- The Data Committee analyzes the data collected through phone banking to report to the Tompkins County Health Department.

American Society for Microbiology (ASM)

Tallahassee, FL

08/2017 – 05/2020

President

- One of the founders of the Florida State University student chapter of ASM.
- Maintained the society's good standing with national and branch affiliations, issued event and health permits, oversaw activities of the society, and enforced the mission statement of the society.
- Attended ASM's annual national conference in New Orleans, LA Microbe 2017.
- Attended ASM's Southeastern Branch Conference (11/2017) and won best undergraduate poster.

Women in Math Science & Engineering

Tallahassee, FL

08/2016 – 05/2020

Alumni

- Selected to conduct part-time paid research through this living-learning community (LLC).
- Student mentor to younger students within the LLC and on the interview committee for new LLC members.

Poster* & Oral^ Research Presentations

“Mon2-Dop1: Elucidating the structure and function of a peculiar Golgi protein complex”

Arianna Broad, Bryce Brownfield, Kaitlyn Manzer, and Chris Fromme

Weill Institute for Cell and Molecular Biology, Cornell University

- 2023 North East Regional Yeast (NERY) Conference*
- 2023 Sloan UCEM Annual Conference^
- 2022 Cornell University Molecular Biology and Genetics Department Retreat Symposium*
- 2022 Cornell University BMCB-GGD Symposium*

“Investigating substrate specificity and crucial residues of an insect gustatory receptor”

Arianna Broad, Heather Frank, and Rachelle Gaudet

Department of Molecular and Cellular Biology, Harvard University

- 2019 Harvard University Summer Institute of Life Sciences Symposium*
- 2019 Princeton University MOL BIO Scholars Symposium *
- 2019 Brown University PhD Preview Symposium*

“Blind Quantification of Murine Model Hematomas with Potential Therapeutic Peptide”

Arianna Broad and Ewa Bienkiewicz

Department of Biomedical Sciences, Florida State University

- 2019 WIMSE Symposium*

“A Comparison of In Vitro Assembly of HIV and SIV”

Arianna Broad, Robert Dick, and Volker Vogt

Department of Molecular Biology and Genetics, Cornell University

- 2019 ACC Meeting of the Minds^
- 2019 Florida Undergraduate Research Conference*
- 2018 Cornell University Summer Institute for Life Sciences*/^

“Mapping Functional Domains and Crucial Residues of ORF52/KiGAS in KSHV Virion Production and Assembly”

Arianna Broad, Siming Ma, and Fanxiu Zhu

Department of Biological Sciences, Florida State University

- 2018 WIMSE Symposium*

“Investigating the Resistance and Sensitivity of Rhizopus delemar Strains to Various Drugs and Utilizing the CRISPR/Cas9 Endonuclease to Create Auxotrophic Mutants”

Arianna Broad, Gillian O’Brian, and Ping Wang

Department of Microbiology, Immunology, and Parasitology, Louisiana State University Health Sciences Center

- 2018 Florida Undergraduate Research Conference*
- 2017 ASM Southeastern Branch Conference*
- 2017 LSUHSC Summer Symposium*

“Determining Subcellular Localization of Herpesvirus Saimiri (HVS) Open Reading Frame 52 (ORF52)”

Arianna Broad, Siming Ma, and Fanxiu Zhu

Department of Biological Sciences, Florida State University

- 2017 WIMSE Symposium*

Research Support

National Science Foundation Graduate Research Fellowship (NSF GRFP)	2022 – 2026
Cornell University Alfred P. Sloan Foundation Fellowship	2020 – 2026
Leadership Alliance Research Support – Harvard University	06 – 08/2019
WIMSE Research Experience Program Grant	2017 – 2019
NIH Grants R01DE016680 and R01DE026101	2017 – 2018
NSF REU Research Support – Cornell University	06 – 08/2018
NSF REU Research Support – Louisiana State University	06 – 08/2017

Awards & Achievements

Cornell University Graduate School Advanced Career Exemplary Service Award	2023
National Science Foundation Graduate Research Fellowship (NSF GRFP) Recipient	2022 – 2026
Cornell University Sloan Fellow (Dean’s Fellow)	2020 – 2026
Honorable Mention NSF Graduate Research Fellowship Program	04/2020
GEM Consortium Fellow	04/2020
Florida State University John M. Caffrey Scholarship	11/2019
Florida State University McAllister Scholarship	11/2019
Florida State University Alumni Scholarship	11/2019
Brown University PhD Preview Program + Full Travel Award	10/2019
Princeton MOL BIO Scholar	10/2019
Yale Diversity PhD Preview Program + Full Travel Award	08/2019
ACC Meeting of the Minds Conference Travel Award	03/2019
Florida Undergraduate Research Conference (FURC) Travel Award	01/2019
Florida State University Thrower Scholarship	10/2018
ABRCMS Undergraduate Student Full Travel Award	09/2018
Florida Undergraduate Research Conference (FURC) Travel Award	01/2018
ASM Southeastern Branch Conference ‘Best Undergraduate Poster’	11/2017
ASM Southeastern Branch Conference Travel Award	11/2017

Florida State University Dean's List
 Bright Futures Scholarship
 Florida State University Merit Scholarship
 Jess Parrish Medical Center Scholarship
 One Blood Medical Achievement Scholarship

2016-19
 2016-20
 2016-20
 2016-17
 2016-17

Research and Tutoring Mentees

Ari boasts a network of over 50 mentees, resulting in eight publications and numerous admissions to prestigious universities for B.S. or Ph.D. programs. Below is a comprehensive list of all of Ari's mentees and their notable achievements.

Mentee Name	Program Mentored Through	Dates Mentored	Position Held While Mentored	Last Known Current Position
Nicole Burnett	FSU Chemistry	01/2019 – 08/2020	FSU Undergraduate	Texas Instruments Engineer
Mariana Makarem	FSU ASM	08/2018 – Present	FSU Undergraduate	University of Florida BBS PhD Student
Isabella McGillycuddy	FSU WIMSE	08/2019 – 05/2020	FSU Undergraduate	Real Estate Advisor in Higher Education
Ava Pishgar	FSU WIMSE	08/2019 – 05/2020	FSU Undergraduate	FSU Undergraduate Student
Saachi Sharma	Women in STEM Association	01/2020 – 05/2022	Highschool Student	Cornell University BS Student
Lauren Wiiki	Private Tutoring	01/2021 – Present	Highschool Student	Highschool Student
Tanya Gracias	Lumiere Education	06/2021 – 08/2021	Highschool Student	Highschool Student
Rivcka Madhani	Lumiere Education	06/2021 – 08/2021	Highschool Student	University of Washington Seattle, B.S. Biochemistry Student
Andrew Oldag	Lumiere Education	06/2021 – 12/2021	Highschool Student	Highschool Student
Naima Pyarali	Lumiere Education	09/2021 – 12/2021	Highschool Student	Washington University St. Louis B.S. Biology Student
Samika Arun	Lumiere Education	12/2021 – 04/2022	Highschool Student	Highschool Student
Krish Agrawal	Lumiere Education	12/2021 – 05/2022	Highschool Student	University of College London, B.Sc. Student
Tongda Lou	Lumiere Education	12/2021 – 04/2022	Highschool Student	Highschool Student
Salem Wang	Lumiere Education	06/2022 – 09/2022	Highschool Student	Highschool Student
Sarvani Vungutur	Lumiere Education	06/2022 – 09/2022	Highschool Student	Highschool Student
Stuti Pandey	Lumiere Education	06/2022 – 09/2022	Highschool Student	Highschool Student
Claudia Chambliss	Fromme Lab	06/2022 – 08/2022	Graduate Rotation Student	Cornell University Biophysics PhD Student
Cyrus Habas	Cornell MBG REU	06/2022 – 08/2022	MBG NSF REU Peer Mentee	Cornell University Biochemistry PhD Student
Dominique Doyle	Cornell MBG REU	06/2022 – 08/2022	MBG NSF REU Peer Mentee	University of Pennsylvania PhD Student

Alyssa Moore	Cornell MBG REU	06/2022 – 08/2022	MBG NSF REU Peer Mentee	University of Pennsylvania PhD Student
Justin Bromell	Cornell MBG REU	06/2022 – 08/2022	MBG NSF REU Peer Mentee	Morehouse University, BS
Myles Steed	Cornell MBG REU	06/2022 – 08/2022	MBG NSF REU Peer Mentee	University of Pittsburgh PhD Student
Priya Bordoloi	Lumiere Education	06/2022 – 01/2023	Highschool Student	McMaster University, BS Student
Grace Jin	CURIE Academy	07/2022 – 05/2023	Highschool Student	Cornell University, BS Student
Jade Stashin	CURIE Academy	07/2022 – 05/2023	Highschool Student	Cornell University, BS Student
Kathleen Chen	CURIE Academy	07/2022 – 05/2023	Highschool Student	Cornell University, BS Student
Ethan Wiiki	Private Tutoring	08/2022 – Present	Highschool Student	Highschool Student
Kareena Karva	Lumiere Education	09/2022 – 12/2022	Highschool Student	Highschool Student
Jia Amit Bhavnani	Lumiere Education	09/2022 – 03/2023	Gap Year Student	UC San Diego, BS Student
Rohit Ajit Kumar	Lumiere Education	01/2023 – 05/2023	Highschool Student	Highschool Student
Stuti Goel	Lumiere Education	01/2023 – 05/2023	Highschool Student	Highschool Student
Sanjana Sreeram	Lumiere Education	01/2023 – 05/2023	Highschool Student	Highschool Student
Advait Pandarath	Lumiere Education	02/2023 – Present	Highschool Student	Highschool Student
Gokce Arslan	Lumiere Education	03/2023 – Present	Highschool Student	Highschool Student
Defne Kaygi	Lumiere Education	03/2023 – Present	Highschool Student	Highschool Student
Bhumika Sureka	Lumiere Education	03/2023 – Present	Highschool Student	Highschool Student
Shreyas Chakravarty	Lumiere Education	03/2023 – Present	Highschool Student	Highschool Student
Jhanvi Mehta	Lumiere Education	04/2023 – Present	Highschool Student	Highschool Student
Siya Rajgarhia	Lumiere Education	06/2023 – Present	Highschool Student	Highschool Student
Kenya Sweatt	Lumiere Education	06/2023 – Present	Highschool Student	Highschool Student
Noor Srivastana	Lumiere Education	06/2023 – Present	Highschool Student	Highschool Student
Tanya Siddiqui	Lumiere Education	06/2023 – Present	Highschool Student	Highschool Student
Isabella Santana	CURIE Academy	07/2023 – Present	Highschool Student	Highschool Student
Kylie Dumaw	CURIE Academy	07/2023 – Present	Highschool Student	Highschool Student
Emma Angotti	CURIE Academy	07/2023 – Present	Highschool Student	Highschool Student
Anna Maria Hernandez	CURIE Academy	07/2023 – Present	Highschool Student	Highschool Student

Kiyra Molina	CURIE Academy	07/2023 – Present	Highschool Student	Highschool Student
Saisha Lakkoju	CURIE Academy	07/2023 – Present	Highschool Student	Highschool Student
Alexandria Pinto	Lumiere Education	07/2023 – Present	Highschool Student	Highschool Student
Samanvi Boppana	Lumiere Education	09/2023 – Present	Highschool Student	Highschool Student
Sitara Subramanian	Lumiere Education	09/2023 – Present	Highschool Student	Highschool Student
Malaika Hassan	Lumiere Education	09/2023 – Present	Highschool Student	Highschool Student