

NERY MATÍAS CALMO

nmatias1250@gmail.com • (781) 518-3030 • Everett, MA • <https://www.linkedin.com/in/ner-matiascalmo>

EDUCATION

TUFTS UNIVERSITY | School of Engineering Medford MA
B.S BIOMEDICAL ENGINEERING | Minor in Biotechnology and Computational Chemistry *September 2021 - May 2025*

EXPERIENCE

STUDENT TEACHER Medford MA
STEM Ambassadors *April 2022 - Present*

- Conducted hands-on STEM activities for high school students from underrepresented communities in the Boston area.

PROGRAMMING INTERN Medford MA
Tufts Latinx Center *April 2022 - Present*

- Developing events and implementing more accessible and diverse formats to promote events and services on social media.

PROFESSIONAL DEVELOPMENT CONSULTANT Everett MA
Culture and Diaspora in Central America at Everett High School *November 2021 - Present*

- Taught and engaged lessons based around the culture and history of Central America with a high emphasis on Guatemala.
- Assigned the book “I, Rigoberta Menchu” to raise cultural awareness on the Guatemalan Civil War and about being Indigenous in present-day Guatemala.
- Being Maya Mam, information about customs, medicine, social interactions, religious syncretism, present-day issues in healthcare, and health disparities that exist in the community were taught.

UNDERGRADUATE STUDENT RESEARCHER Boston MA
CURE Student at Dana-Farber Cancer Institute at Harvard T.H. Chan School of Public Health *June 2021 - August 2021*

- Participated in a comprehensive cancer research training program as a CURE Program trainee.
- Conducted research in the lab of Dr. Zachary Nagel at Harvard T. H. Chan School of Public Health pertaining to double-strand break repair pathways in relation to drug resistance in glioblastoma multiforme cells.
- Studied how DNA repair pathways affect the toxicity of certain drugs as well as study how knockouts of different proteins can affect overall cell survivability
- Performed a wide variety of laboratory techniques including restriction digests, restriction cloning, DNA electrophoresis, cell culture and cell seeding, clonogenic survival assays, lipid transfections, Monarch DNA cleanup, DNA miniprep, and serial dilutions

LEADERSHIP

UNITED FOR IMMIGRANT JUSTICE Medford, MA
President *September 2021 - Present*

- A social activism group at Tufts University that aims to fight for immigration rights around Somerville and the Greater Boston area.
- Delivered a wide variety of lectures known as “Hot Topics” to inform the student population of present-day issues relating to politics, history, and historical movements and activists in the US, Central, and South America.
- Attended and aided in rallies in Boston and on campus to spark change.

INDIGENOUS STUDENTS’ ORGANIZATION AT TUFTS Medford, MA
General Council *September 2021 - Present*

- A culture group at Tufts University that aims to fight for indigenous and native rights in the country, but also to give a voice to indigenous students on campus
- Attended council meetings to discuss actions and promotions for the events
- Applied for funding grants for important events such as Indigenous Peoples' Day

SOCIETY OF LATINX ENGINEERS AND SCIENTISTS Medford, MA
Participant *September 2021 - Present*

- Participated in talks and activities to help student develop resumes, interviewing skills, and linkedin development
- Chosen to attend and represent Tufts University at the Regional SHPE Conference in Orlando, Florida.

SKILLS

Language: English - Fluent | Spanish - Fluent | Mam (Indigenous) - Fluent | Japanese - Basic (Elementary) |

Awards: Latin Honor Society, National Honor Society, Everett Police Betterment Award, Questbridge Scholar

Programming: C++ (Intermediate), SnapGene (Beginner), MATLAB (Beginner)