

# PROGRAM

[Zoom link](#)

## **Congratulations to each of our Foothill students!**

Thanks to our guests for joining us as we celebrate the accomplishments of our students!

### **1. WELCOME AND INTRODUCTIONS**

### **2. STUDENT PRESENTATIONS**

### **3. GROUP DEBRIEF AND REFLECTION**

### **4. WRAP UP**

A huge THANK YOU to all the mentors and their colleagues who supported the Foothill interns.

Also a big thank you to all the students for your commitment and openness to learn from these experiences.

We wish you the best, and please stay in touch!

Also, sending off our beloved Marissa Yáñez as she starts her new job as Chief Diversity Officer for the College of Chemistry at UC Berkeley!



# TUESDAY, 9/5/23

Name	Project Title	Mentor	Company/ Institution/ Lab
Juan Marin Melo	The Formulation for Treating Mucositis	Chris Zhan	Intact Therapeutics
Abimbola Bolarinwa	Seeing clearly now	Ben Threlkeld	Cambridge Optometry
Amanda Miller	Clinical utility of dupilumab in eosinophilic esophagitis patients	Twan Sia	Stanford Medical School, Boston Specialists, Department of Research
David Pantoja	Esperanto Technologies Internship	Sylvain Flamant	Esperanto Technologies
Andre Augustin	The rise of CO <sub>2</sub> within plants over the last 143 years	Haley Filckenger	Carnegie Institution for Science - Department of Global Ecology
Ashley Acevedo	Women's Health- Ultrasound Imaging	Tony D'Alessandro	Isono health
Uriel Valencia	Building a Vapor Phase Decomposition Device	Alexander Enrique Denton	Stanford Nano Facilities
Vy Tran	X9™ High-Throughput Genomics System	Frank Lin, Phong Nguyen	Standard BioTools
Nicole Nelson	Formulating a Fuel Cell	Kimberly Carter-Fenk	Stanford University: Department of Chemistry
Norlando Gamez	Smiley Chat Bot	Wonhee Lee	Stanford Graduate School of Business
Fatima Sanchez	Deep Eutectic solvent extracted lignin as a water repellent coating material for use in local manufacture of disposable menstrual pads in communities.	Anton Molina	Stanford University: Department of Materials Science and Engineering/Department of Bioengineering
Alan Duong	Building an ALD Chamber Lid	Stephanie Limon	EMD Electronic
Sabrina Sanchez	Protein 0003 from <i>Mesoplasma florum</i> - expression, purification, and crystallization	Daniel Fernandez	Stanford University: CHEM-H
Tyrell Baker	Understanding Methane Emissions in US Wetlands	Kelsey Foster	Carnegie Institution for Science - Department of Global Ecology

# WED, 9/6/23

Name	Project Title	Mentor	Company/ Institution/ Lab
Loni Halsted	Modeling Intralayer Interaction for 2D materials	Felipe Jornada and Johnathan Geogaras	Stanford University: Material Science and Engineering
Jorge Mayorga	Microfluidic Application Testing for Genomic Research	Mackenzie Bullock	Standard Biotoools
Danna Avila Daisy Rodriguez, Glycel Brady	PRE-STEM Summer Institute	Sophia Kim	Foothill Science Learning Institute
Efrain Camacho	Not sure yet but something along of engineering at gecko materials	Dan Hurley	Gecko Materials
Anna Robledo	Making molecules dance with light original project name, name for final presentation a life with chemistry	Diptarka Hait	Stanford University: Chemistry Department
Calvin Anderson	Manufacturing potential resistance-less material	Daisy O'Mahoney	Stanford University: Suzuki Lab in Betty and Gordon Moore's Materials Science Building
Joshua Vera	Slicing Light, Revealing life: Advancing Cell Segmentation with Non-Invasive Optical Coherence Tomography	Yonatan Winetraub	Stanford University Medical school
Gina Hua	Gut Microbiota of Honey Bees	Magdalena Warren	Stanford University: Fukumi Lab (Biology department)
Oscar Botello	Summer at SLAC	Nicole Neveu	SLAC
Schyler Martin Rueda	Climate Change and Arctic Photosynthesis	Wu Sun	Carnegie Institution for Science - Department of Global Ecology
Hilary Bayer	Structure and resilience of microbial interaction networks in a marine oxygen minimum zone	Yi-Chun Yeh	Carnegie Institution for Science - Department of Global Ecology
Paloma Gutierrez	Inclusiveness in Education	Michael Acedo	Stanford University: Stanford Digital Education (SDE)
Melissa Posas	Diversifying STEM: Bridging the gap for underrepresented students	Gabriel Reyes	FLI SCI Research Scholars Program