

JOIN SLI TO  
CELEBRATE OUR STUDENTS!

# *STEM Internship Presentations*

This summer, SLI supported 43 Foothill students in industry and research internships at places such as Stanford and San Jose State Universities, UC Santa Cruz, and biotech start-ups, in disciplines across the STEM spectrum. For most, this was their first ever internship experience!

Join us on Zoom to hear about their experiences.

WED, AUG 31, 1 - 3PM  
THURS, SEPT 1, 10AM - 12PM  
THURS, SEPT 8, 10AM - 12PM

PLEASE RSVP FOR ZOOM LINK

## PROGRAM

*Thank you for joining us to hear our students present about their summer internships. Congratulations to our students!*

<https://fhda-edu.zoom.us/j/94894942300>

- 1.(5 min) **Welcome and introductions**
- 2.(90 min) **Student presentations**
- 3.(10 min) **Group debrief (with guests)**
- 4.(10 min) **Group reflection (without guests)**
- 5.(5 min) **Wrap up and closing**

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 love you all! ♡ Marissa, Steve, and Sophia

Please email [sli.foothill@gmail.com](mailto:sli.foothill@gmail.com) for more information

# WEDNESDAY 8/31/22

## 1PM - 3PM

Student Presenters	Project Title	Research Mentor	Placement
Schylar Martin Rueda	Graphical Interface for Cryomodule Signals	Lisa Zacarias, Nicole Neveu	SLAC National Laboratory Accelerator
Tyrell Baker	Optimize, Minimize, and Operate	Sara Miskovich, Nicole Neveu	SLAC National Laboratory Accelerator
Daniel Chavez, Vivian Truong	Machine Organic Chemistry	Cody Aldaz	Stanford University, Martinez Lab/ Chemistry
Aracely Zavala	Mental Health Progress of Children with or without Support Systems	Gabriel Reyes	Stanford University, Stanford Graduate School of Education
Michelle Cao, Quang Truong	Synthesis and Characterization of Electroactive Polymers	Phil Dirlam	San Jose State University, Dirlam Lab/ Chemistry
Dylon Moala, Fatima Sanchez, Ammy Vejar, Raymond Yum	SLI Leadership Fellow	Sophia Kim	Foothill College, Science Learning Institute
Giselle Aviles-Rodriguez	How can HELP, help you?	Renato Navarro	Stanford University, Heilshorn Group, Material Science and Engineering
Isabelle Hong	Injectable gene therapy hydrogel for myocardial infarction treatment	Renato Navarro	Stanford University, Heilshorn Group, Material Science and Engineering
Christian Macias	Gut Health and Confounding Secondary Symptoms	Esha Sahay, Inti Pedroso	Digbi Health
Brianna Rogers	Software Engineering Internship @ Avenda Health	Josh Shubert, Tom Summers	Avenda Health

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**THURSDAY 9/1/22, 10AM - 12PM**

<b>Student Presenters</b>	<b>Project Title</b>	<b>Research Mentor</b>	<b>Placement</b>
Stephanie Austin, Maya Vliegen	Synthesizing Barium 133	Nick Esker	San Jose State University, Esker Lab/ Chemistry
Freddi Reyes-Lopez	Accuryn+ Monitor Adjustments and New Updates	Dillon Arey	Potrero Medical
Daniel Ramos	Optimization of Alginate Ink Crosslinking for 3D Bioprinting	Lucia Brunel	Stanford University, Heilshorn Lab; Materials Science and Engineering
Erika Ramirez	Exploring how Plant Compounds Influence Mammalian Immune Responses	Jamie Blum	Stanford University, Sattely Lab, Chemical Engineering
Nhu Dao	Elucidating the Intermolecular Forces of Deep Eutectic Solvents	Kimberly Carter-Fenk	Stanford University, Fayer Lab, Chemistry
Eitan Smolyar	Faint Emission Lines and Ionized Gas Kinematics in M33 and M31	Aparajito Bhattacharya	UC Santa Cruz, Science Internship Prgm
Will Makunga Anderson	Brain and Poverty/Redefining Poverty	Gabriel Reyes	Stanford University, Stanford Graduate School of Education
Lily Tolentino	Lifting the Bar	Anmol Gupta	Stanford University, Walton Lab; Psychology
Van Chau	Analysis of Attention to the US Inflation News using Twitter Data	Wonhee Lee, Amy Ng	Stanford University, DARC team at the GSB Research Hub
Dara Robles-Arita	Understanding Poverty from a Youth and Adult Perspective	Gabriel Reyes	Stanford University, Stanford Graduate School of Education

**THURSDAY 9/8/22, 10AM - 12PM**

<b>Student Presenters</b>	<b>Project Title</b>	<b>Research Mentor</b>	<b>Placement</b>
Michelle Curiel	Wildfire Generated Toxins and Ecosystem Recovery	Claudia Avila	<i>Stanford University, Earth System Science</i>
Allan-Noe Ortiz	JavaScript/Psychology Game	Gabriel Reyes	<i>Stanford University, Stanford Graduate School of Education</i>
Abril Garcia-Abrego	Phage Display	Elise Bruguera	<i>Stanford University, Weis Lab, Structural Biology</i>
Jasslie Altamirano, Arnoldo Sanchez	Gene Methylation and Lung Cancer	Olivier Gevaert, Christoph Sadee, Yuanning Zheng	<i>Stanford University, Gevaert Lab, School of Medicine</i>
Chloe Guo	Study of Structure and Function of Protein from Common Mold	Daniel Fernandez	<i>Stanford University, Sarafan ChEM-H</i>
Azaan Barlas, Lily Knab, Erik Mercado	Machine Learning in Microchips	Jin Kim, Sylvain Flamant	<i>Esperanto</i>
Kellie Phung	Dynamic Mechanical Properties of Alginate Gels in Solution	Lucia Brunel	<i>Stanford University, Heilshorn Lab; Materials Science and Engineering</i>
Elias Vlastos	Fundamental Studies of Noncovalently Bonded Soft Materials	Will Henderson	<i>Stanford University, Bao Lab/ Chemical Engineering</i>
Chelsea Navarro	Gel Formulation and Protein Stability for Oral Mucositis	Chris Zhan	<i>Intact Therapeutics</i>
Xuanwei Liang	Classification of Small HI Cloudlets in the High Velocity Cloud - AC Complex	Yong Zheng	<i>UC Santa Cruz, Astronomy/ Science Internship Prgm</i>
Daisy Fragoso Flores	Analyzing the Predictive Power of Kinematics Factors in the Regression of Head Impact Force	Xianghao Zhan	<i>Stanford University, Camarillo Lab/ Bioengineering</i>
Andre Augustin, Gerardo Padilla	Advanced Breast Cancer Diagnostics at iSono Health	Shadi Saberi, Mohammad Ali Ghaderi	<i>iSono Health</i>