



MRL Science Teacher Workshop 2025

8:30 AM – 9:00 **Breakfast and Registration - Elings 1601**

9:00 – 9:50 Elings 1601:

9:00 - 9:15 **Welcome and event overview**

RET Teacher-Intern Presentations:

9:15 - 9:50 **Laura Branch “Global Climate Shifts Over Time—Using Evidence and Reasoning to Make a Scientific Claim”**

Walk to Materials Research Lab

10:00 AM – 11:05 AM ***RET Teacher-Intern Presentations cont.***
(Two breakout sessions, MRL rooms 2048, 2053)

William Webb “We Want to Pump... You Up: The Structure and Function of Proteins”

Nicole Chung “Fruit Harvest, Energy Harnessed: Exploring Battery Anatomy”

10:00 – 10:30 **William Webb / Nicole Chung**

10:35 - 11:05 **William Webb / Nicole Chung**

11:05 – 11:15 ***Group Picture - MRL Staircase!***

11:15 - 12:00 **Science Demo’s: MRL 2nd floor atrium/ rooms**
Featuring UCSB Science and Engineering Groups

12:00 PM – 1:00 ***Lunch with your teacher colleagues (MRL 3rd floor patio and 2nd floor MRL)***

1:00 PM – 2:15 **MRL 2053**

1:00 - 1:30 **Our own mini “Grad Slam”! (Cutting edge research in 3 minute talks)**

1:30 - 2:15 **Prof. Marley Dewey, Materials Dept. UCSB:**
“Engineering Cellular Signals for Regenerative Medicine”

2:15 ***Evaluation, Door prizes and Wrap-up***