



Las Positas College  
Climate Action Workgroup



LAS POSITAS  
COLLEGE

# CLIMATE ACTION REPORT 2022-2023



# A MESSAGE FROM LPCCAW

The most urgent task of our time is to respond in the most robust and impactful way possible to Earth's climate crisis. Without significant climate mitigation and adaptation efforts, consequences will be dire. Las Positas College has a responsibility to our students, employees, and community members to cultivate change and advance sustainability practices on campus and in the wider community.

The Las Positas College Climate Action Workgroup (LPCCAW) was formed in December 2022 by an interdisciplinary group of faculty, classified staff, and students to drive a sustainable culture shift at the college. LPCCAW is dedicated to bringing interdisciplinary curriculum, programs, and college initiatives focused on the challenges our community and earth face due to a rapidly changing climate and ongoing environmental degradation. Las Positas must integrate sustainability practices and concepts into every aspect of campus life, and we must start now.

## **LPCCAW Members:**

Amy Chovnik, Biology  
Avery Payne, Student  
Chris Dudzik, Chemistry  
Dan Cearley, Anthropology  
David Montelongo, Chemistry  
Destiny Yano, Student  
Jean O'Neil-Opipari, STEM

Katie Dickinson, Climate Action Coordinator  
Marsha Vernoga, Nutrition  
Martin Nash, English  
Meghan Pletsch, Climate Fellow  
Mike Ansell, Chemistry  
Tom Fuller, Horticulture  
William Kossow, Physics

# STUDENT INTERNS



Destiny Yano

Climate Literacy Intern, 22-23  
AS, Environmental Science 23'

Destiny met with professors across all academic disciplines on campus to determine if/how they are incorporating climate-related topics into their curriculum. She informed the campus community about how important climate literacy is to solve the climate crisis, and was a key player in the formation of LPCCAW.

Destiny is also the Vice President and Co-Founder of LPSEA and will be attending CSU Monterey Bay in the Fall to study Environmental Science.

Avery worked with Post Landfill Action Network to facilitate over 30 key campus stakeholders through a constructive process of reviewing current campus waste management practices, identifying system-wide gaps, and visioning to establish a Strategic Vision to achieve Zero Waste. She then co-wrote a [24-page multi-year strategic vision](#) that outlines the infrastructure, policies, and standardization systems necessary for LPC to achieve a Zero Waste campus.

Avery is also the President and Co-Founder of LPSEA and will be attending \_ \_ \_ in the Fall to study \_ \_ \_



Avery Payne

Zero Waste Intern 22-23  
AS, Political Science 23'



# LAS POSITAS STUDENTS FOR ENVIRONMENTAL ACTION (LPSEA)

LPSEA was formed in August 2022 by a group of students passionate about creating a sustainable campus culture shift and activating student capacity

## Accomplishments:

- Planned LPC's Second Earth Week and Climate Solutions Fair
- Collaborated with Chabot College's Student Environmental Club, RAGE
- Campus Trash Bin Survey
- Campus Tree Survey
- Creek cleanups with Living Arroyos
- Participated in the the Oakland Community Climate Action Day
- Submitted Public Comments for the Livermore Climate Action Plan Committee Meeting



LPSEA students used GIS mapping software to determine the type and quantity of all outdoor receptacles.

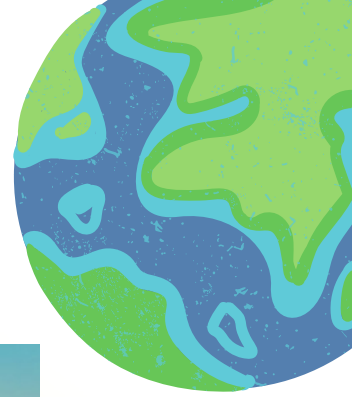


LPSEA at a creek cleanup with Living Arroyos



LPSEA at Chabot College helping conduct a tree survey to measure the amount of CO<sub>2</sub> sequestered by trees on campus

# SECOND ANNUAL LAS POSITAS EARTH WEEK



 <b>LPC EARTH WEEK</b> 				
Monday, April 17th	Tuesday, April 18th	Wednesday, April 19th	Thursday, April 20th	Friday, April 21st
<b>KICKOFF OF BIKE TO WORK/ALTERNATIVE TRANSPORTATION WEEK (PLEDGE)</b> <hr/> <b>Tree Measuring Survey</b> <b>WHEN:</b> 12:15PM-2:00PM <b>WHERE:</b> Room 1061	<b>Corporate Greenwashing Discussion</b> <b>WHEN:</b> 10:00AM - 11:00AM <b>WHERE:</b> Virtual/Zoom*	<b>Climate Solutions Fair</b> <b>WHEN:</b> 11:00AM-2:00PM <b>WHERE:</b> Quad; Outside of Library	<b>Talk from City of Livermore about updated Climate Action Plan</b> <b>WHEN:</b> 11:00AM - 12:00PM <b>WHERE:</b> Virtual/Zoom*	<b>Nature Walk/ Horticulture Tour</b> <b>WHEN:</b> 12:00PM-1:00PM <b>WHERE:</b> Front of the new Horticulture Center, Building 3300
<b>Electric Bike Demo</b> <b>WHEN:</b> 2:30PM-3:30PM <b>WHERE:</b> Room 1056 	<b>BAAQMD Presentation: Clean Cars for All Program</b> <b>WHEN:</b> 12:00PM - 1:00PM <b>WHERE:</b> Virtual/Zoom*	<b>Tree Planting Ceremony</b> <b>WHEN:</b> 2:00PM - 3:00PM <b>WHERE:</b> Quad; Outside of Library	<b>Documentary Night feat. Living the Change</b> <b>WHEN:</b> 12:30PM-2:30PM <b>WHERE:</b> Room 801	<b>California Native Plant Trail Walk</b> <b>WHEN:</b> 1:00PM - 2:00PM <b>WHERE:</b> Front of the Information Technology Services (ITS) Building, Building 1900
<b>Plant-Based Cooking Workshop</b> <b>WHEN:</b> 3:30PM-4:30PM <b>WHERE:</b> Room 1056	<b>Climate Justice Workshop</b> <b>WHEN:</b> 3:00PM-4:00PM <b>WHERE:</b> Virtual/Zoom*	 For more details and Zoom links, scan the QR code or go to the LPC Goes Green webpage and click on "LPC Earth Week 2023"	<b>13th Annual LLNL/LPC Science and Engineering Seminar</b> <b>WHEN:</b> 6:00PM - 7:15PM <b>WHERE:</b> Building 2400, Room 2420	<b>Saturday, April 22nd</b> 

From April 17th to April 22nd, LPCCAW and LPSEA hosted the second annual LPC Earth Week, which featured 15 Earth-minded events. Events included a Bike to Work Week, workshops on plant-based cooking, climate justice, and corporate greenwashing, a documentary night, the Second Annual Climate Solutions Fair, a presentation from Bay Area Air Quality Management District on their Clean Cars for All Program, and a tour of the new Horticulture facility!



# SECOND ANNUAL CLIMATE SOLUTIONS FAIR

As part of the LPC Earth Week celebrations, LPCCAW and LPSEA organized the Second Annual Climate Solutions Fair in the Quad. Students were able to go inside a brand new electric bus, test ride eBikes from local bike shops, buy tomato plants from the Horticulture team, and learn about solutions to the climate crisis from LPSEA, Gillig, and the Tri-Valley Air Quality Alliance. You can read more about the event in this LPC Express News [article](#).



Gillig's new electric transit bus



Students learning at the Tri-Valley Air Quality Alliance's booth



Students were able to test ride eBikes at the Fair



LPSEA Members Juliana and Destiny at their booth



Story Booth that recorded student's thoughts on their relationship with nature



Students helping plant a new Crab Apple tree on campus

# PRIORITY SUSTAINABILITY GOALS

One of Las Positas College's visions is to be "a collaborative teaching and learning community committed to integrity and excellence by demonstrating civic, social and environmental responsibility." Las Positas College has a responsibility to significantly decrease its emissions, and in so doing, set an example for students and the wider community. Thousands of colleges and universities across the country and around the world have already taken initiatives to mitigate their contributions to climate change. Listed below are several immediate steps that LPC needs to take to become a leader in sustainability.



## 01. Recycling and Composting System

SB1383 requires all businesses in California to have compost and recycling services, have correct 3-stream bins, sort materials correctly, and donate surplus food. Las Positas does not currently do any of the above; all materials placed in the recycling bins on campus end up in the landfill, none of the bins are standardized or 3-stream, and we do not compost food scraps. By 2024, LPC must abide by SB1383 or risk getting fined.



## 02. Climatize Curriculum

Climate change is an interdisciplinary issue that will effect every aspect of our student's lives. Students must learn the necessary tools and strategies that they can implement in their careers to adapt to and mitigate the climate crisis, no matter what major they choose.



## 03. Training students to join the green workforce

The Inflation Reduction Act will create over 9 million green jobs, but workers need the training and skills to do them. Every job needs to be a green job, and everyone needs to be a part of the Just Transition. Las Positas has a responsibility to develop programs and workforce opportunities for our students to join the green workforce.

# LPCCAW'S NEXT STEPS

Next year, the Las Positas College Climate Action Workgroup plans to continue our efforts. We hope to do outreach to the campus to invite students, faculty, classified professionals, and administrators to be a part of our work. We will also continue to collaborate with Chabot's Climate Action Workgroup to foster greater cohesion between our colleges. Below are the top three priorities of LPCCAW for the 23-24 academic year.



## **01. Write and adopt an updated Climate Action Plan**

Update Las Positas College's Climate Action Plan to position the college to become a net-zero campus. Prioritize climate justice, preparing students to attain green jobs, and institutionalizing classes with a sustainability focus in every department.



## **02. Advocate for sustainable practices and policies on campus**

Work with administration to enact the Zero Waste Strategic Vision and start implementing the policies listed. Other sustainable practices/policies include installing more EV chargers and banning single-use plastic on campus.



## **03. Host a Climate Curriculum Workshop**

Host a FLEX Day workshop for professors across all disciplines to learn how to implement climate into their curriculum.