

# UC Davis Carbon Neutrality Initiative

## Student Engagement

Tyler Barzee / Lauren Bradt / Jamie Lam / Keith Ruan

### Mission

The UC Davis Carbon Neutrality Initiative Student Engagement Fellows communicated climate change science and University of California Office of the President goals to undergraduate, graduate, and professional students through partnerships, graphic engagement, in-person engagement, and academic enrichment.

### Partnerships

CNI fellows collaborated with various on- and off-campus organizations to share our message while aligning our mission with others'. Special effort was devoted to making sure the projects were universal and fostered partnership between fellows instead of focusing on individual projects.

#### TomKat

Traveling to the National Center for Ecological Analysis and Synthesis to conduct and share research with CNI fellows from other UCs to strengthen the CNI program and its future



#### Solar Decathlon

CNI Fellows worked with the UC Davis team to table together

#### Davis Filmmaking Society

Created the structure and timeline for a future video contest for a 1 minute clip of what students envision as our climate future, with filmmaking workshops provided in conjunction with DFS

#### Campus Center for the Environment

Partnered with a graphic designer to create a poster that communicates the CNI and specific actions students can take to reduce their carbon footprints

**CARBON NEUTRALITY INITIATIVE**

THE CARBON NEUTRALITY INITIATIVE IS THE GOAL PUT INTO ACTION FOR THE UC SYSTEM TO BE CARBON NEUTRAL IN ITS BUSINESS OPERATIONS BY 2025.

WHICH OF THESE WERE YOU PREVIOUSLY AWARE OF?

- UC DAVIS SOLAR FARM
- CAMPUS BIODIGESTER
- GREEN BUILDING LEED CERTIFICATION

**I PLEDGE TO:**

- RIDING MY BIKE TO CAMPUS 3X A WEEK OR JOINING THE TAPS GO CLUB AT [HTTP://GOCLUB.UCDAVIS.EDU](http://goclub.ucdavis.edu)
- TAKING A CLASS IN CLIMATE SCIENCE OR SUSTAINABILITY. FIND A LIST AT [HTTP://SUSTAINABILITY.UCDAVIS.EDU/STUDENTS/CLASSES/CLASS\\_LIST.HTML](http://sustainability.ucdavis.edu/students/classes/class_list.html)
- REPORTING HOT OR COLD TEMPERATURES IN CAMPUS BUILDINGS USING THE TILE ON MY UC DAVIS OR AT [HTTPS://THERMOSTAT.UCDAVIS.EDU/](https://thermostat.ucdavis.edu/)

CARBON NEUTRALITY MEANS HAVING ZERO NET CARBON EMISSIONS.  
 CARBON NEUTRALITY IS ONE WAY TO COMBAT CLIMATE CHANGE.  
 CARBON NEUTRALITY CAN BE ACHIEVED THROUGH ENERGY EFFICIENCY, ENERGY CONSERVATION, RENEWABLE ENERGY SUCH AS SOLAR AND WIND, AND CARBON OFFSETS.

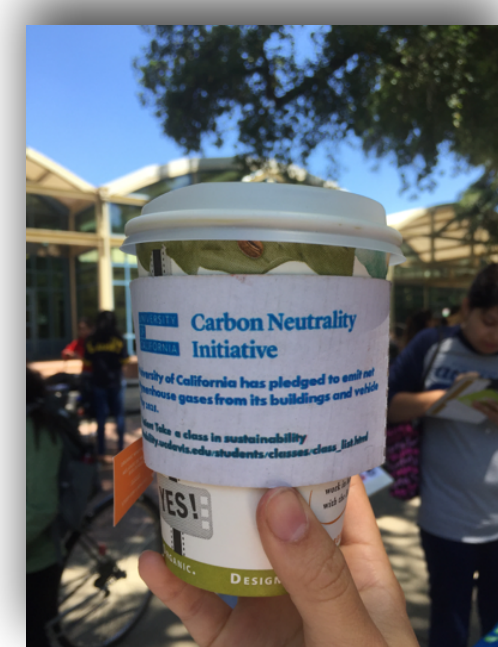
UC DAVIS OFFICE OF SUSTAINABILITY

### Graphic Engagement

To encourage visual learning, CNI Fellows implemented posters and graphs into their outreach campaign.

#### Coffee Sleeves

Advertising climate science classes at UCD, they were printed and distributed to the campus Coffee House



#### Carbon Offset Graphic Design

Graphic designed to challenge and encourage students about carbon neutrality

#### Art-Science Fusion

Created skeleton timeline with Department of Design to help students in the arts create visualizations of what a tonne of CO2 looks like

#### UC Davis CNI Reference Materials

Developed flyers and business card quick reference sheets that compile sustainability related resources on campus

**UNIVERSITY OF CALIFORNIA Carbon Neutrality Initiative**

Carbon Neutrality Initiative: <https://www.universityofcalifornia.edu/initiative/carbon-neutrality-initiative>

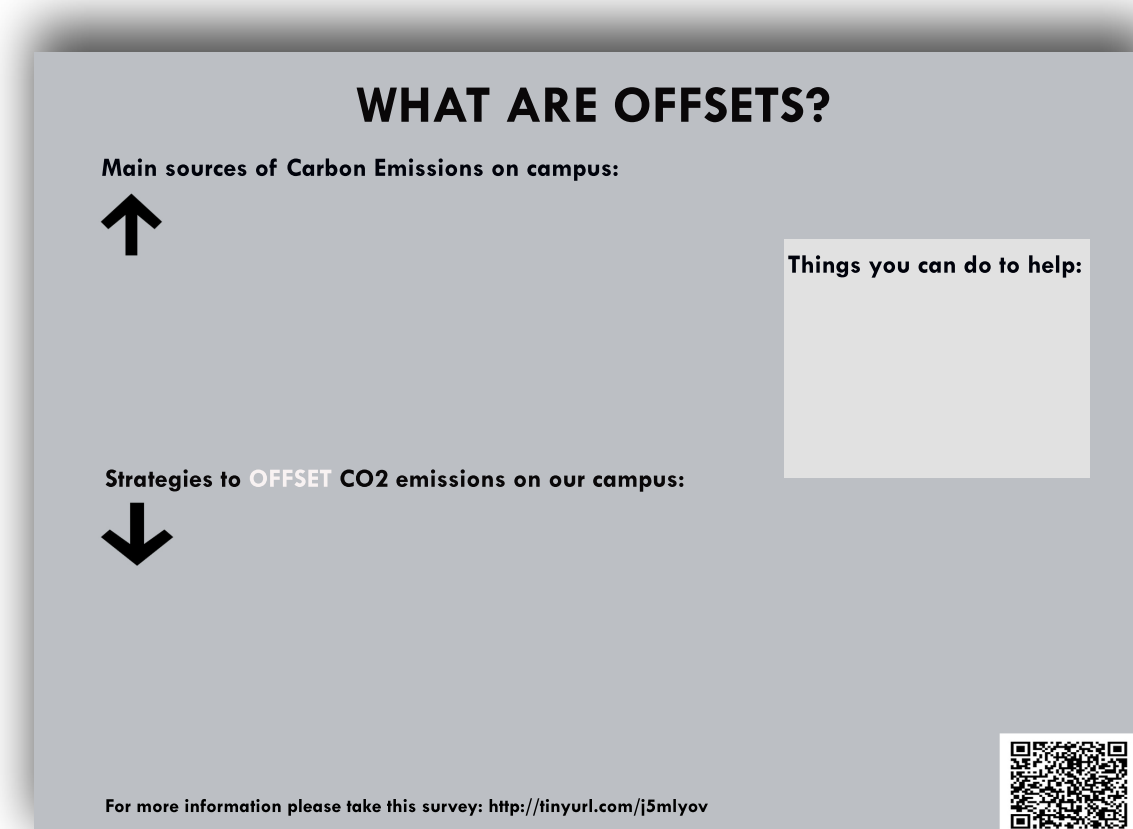
UC Davis On-Site Solar (16 MW)

UC Davis Self-Guided Sustainability Tour Map: [http://sustainability.ucdavis.edu/local\\_resources/docs/sustainability\\_tour\\_map.pdf](http://sustainability.ucdavis.edu/local_resources/docs/sustainability_tour_map.pdf)

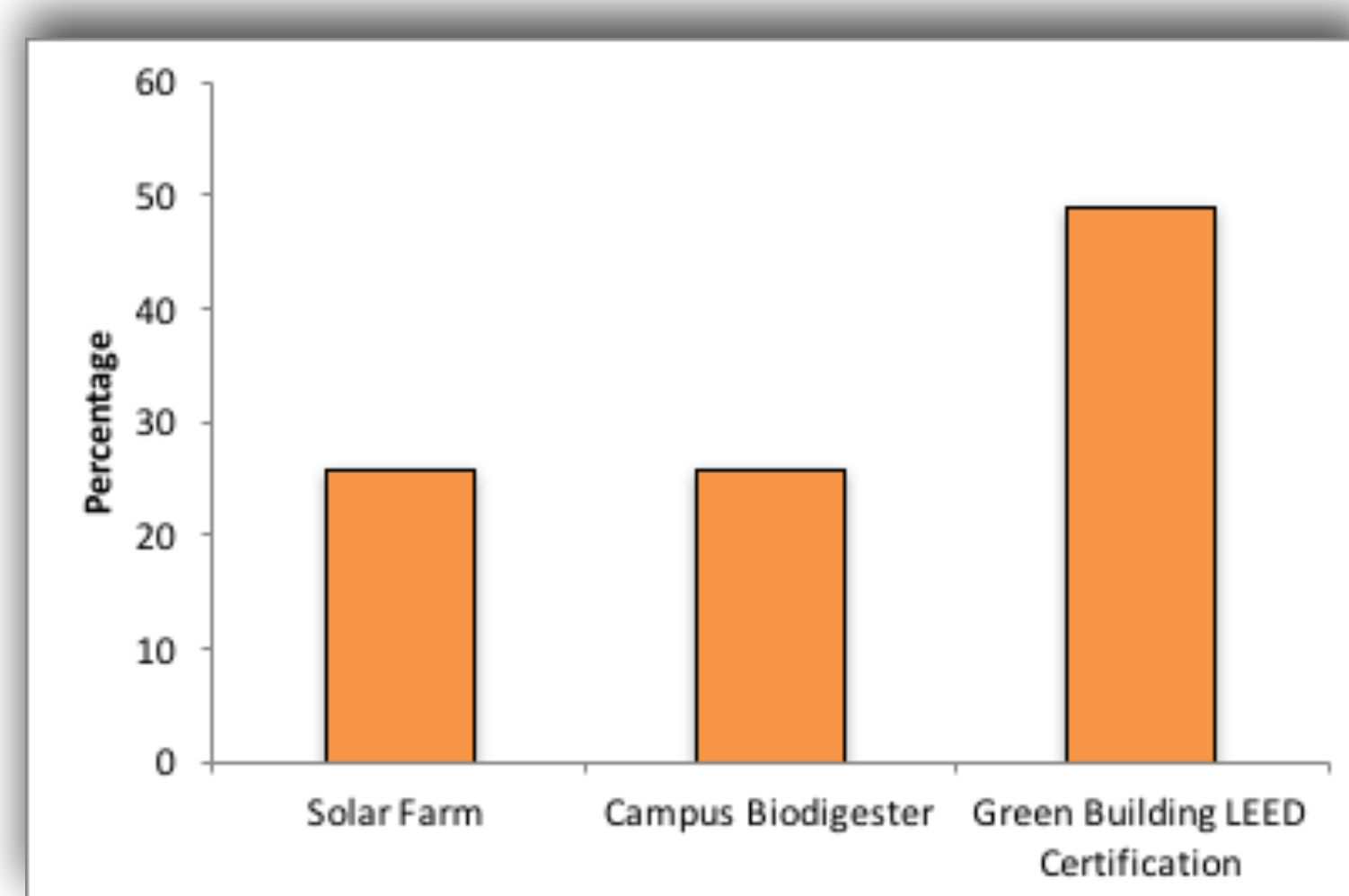
UC Davis Green Labs: [http://sustainability.ucdavis.edu/action/green\\_workplace/green\\_labs.html](http://sustainability.ucdavis.edu/action/green_workplace/green_labs.html)

LEED Platinum Mameli Stream Museum

Created interactive posters designed to probe student's prior knowledge and introduce actionable behavior changes

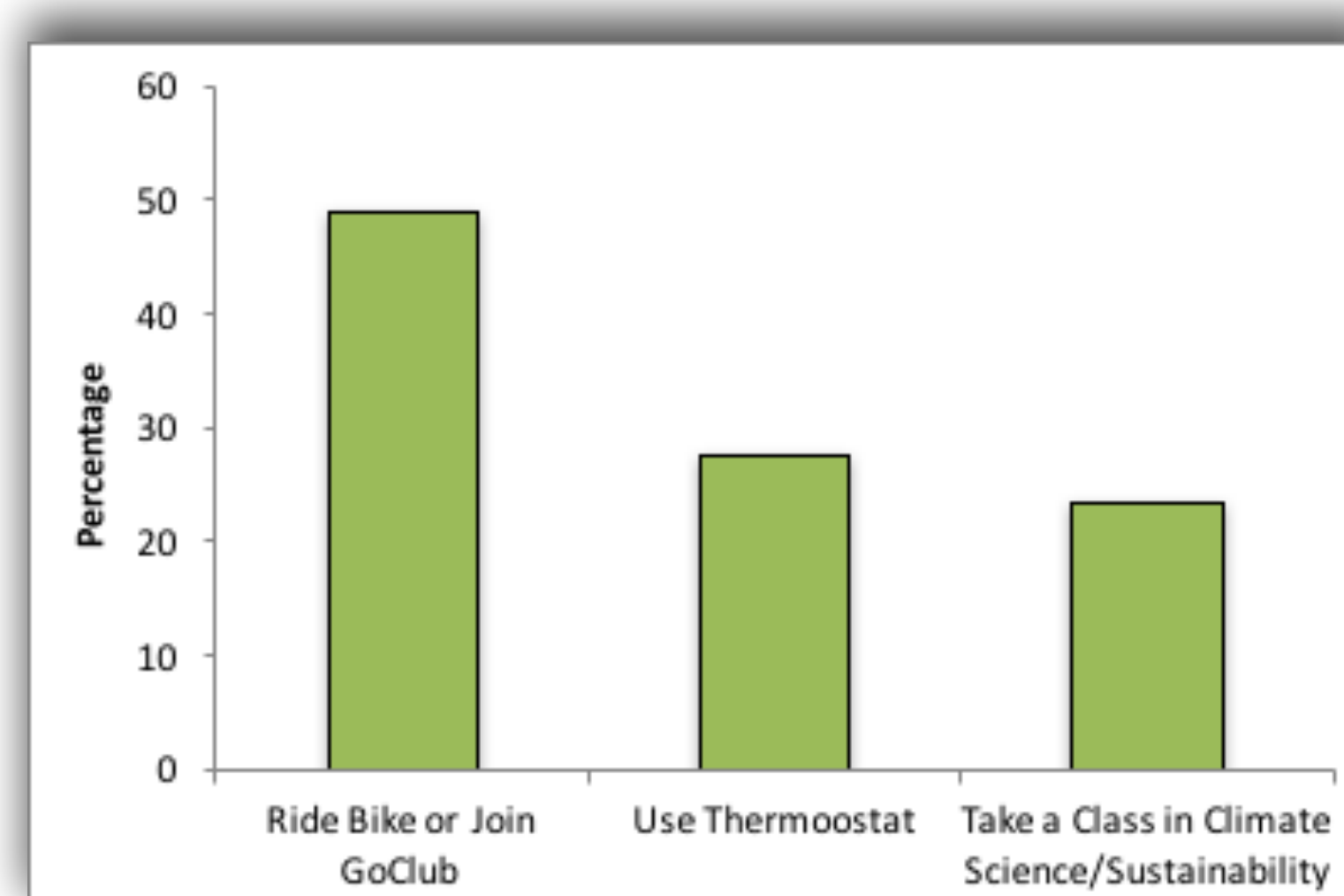


“Which programs at UC Davis were you previously aware of?”



Total number of responses = 78

“I pledge to help by...”



Total number of responses = 94

### In-Person Engagement

CNI fellows reached diverse student populations by tabling, lecturing, researching, and creating spaces for open conversation about our campus's efforts to tackle climate change.

#### Farmer's Market

Every Wednesday in Fall and Spring, CNI fellows advertised current projects and aided the Sustainability Office's Aggie Green Pledge campaign



#### Sustainability Fair

CNI Fellows celebrated Earth Week with outreach efforts about our campus's biodigester and solar farm

#### Aggie Food Fair

CNI Fellows recruited submissions for the themed video contest

#### Coffee Bagel Donut Days

CNI fellows tabled at the popular Graduate Student Association-sponsored Coffee Bagel Donut days on the Davis and Sacramento campuses to target graduate students



@ Guest Lectures—CNI fellows presented to several classes and clubs about the Initiative during the 2016-2017 school year including

- LDA3: Introduction to Sustainable Theory
- ESPI65: Climate Policy
- UC Davis OWLs: Older Wiser Learners
- UC Davis Veterans' Association
- Net Impact
- Bioenvironmental Engineering

### Academic Enrichment

CNI fellows encouraged undergraduate and graduate students to pursue learning about climate change science.

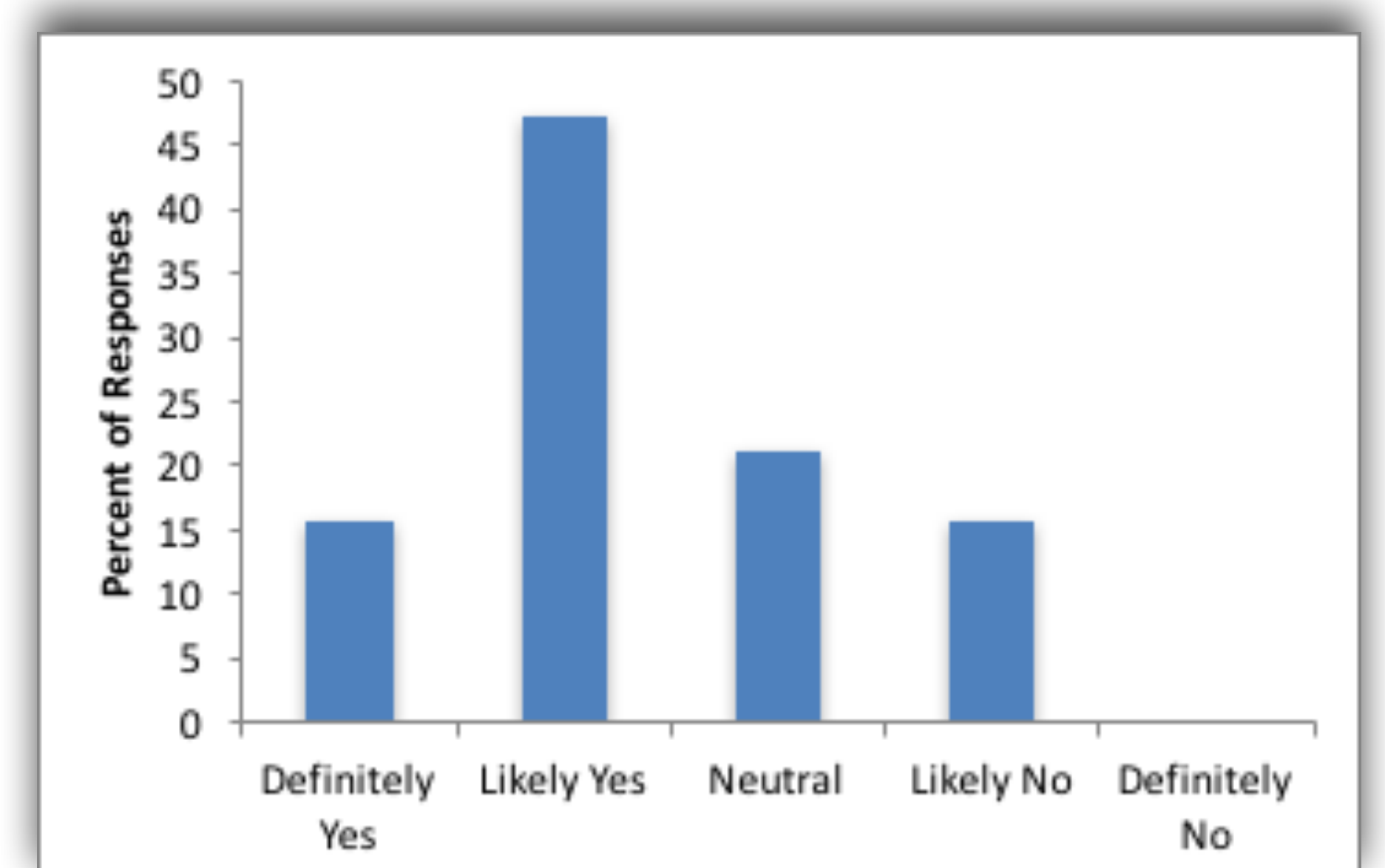
#### Climate Science and Policy Graduate Academic Certificate

CNI fellows worked with faculty to develop a proposal for a new graduate minor equivalent in Climate Science and Policy and gauged student interest

#### Climate Science Class Advertising

Created a flyer with list of relevant courses to be distributed from major + peer advisor offices

“If the CSAP GAC were available in your first year at UCD which of the following would represent your interest in joining?”



Total Number of Responses = 19

### Acknowledgments

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