

UC MULTICAMPUS-NATIONAL LAB COLLABORATIVE RESEARCH AND TRAINING AWARDS 2022 Awards

DIRECT PRODUCTION OF RENEWABLE FUELS AND CHEMICALS FROM CAPTURED CO₂

Lead Principal Investigator: Louise Berben, Ph.D., UC Davis

- *Collaborating Sites:* Berkeley, Irvine, Los Angeles, Merced, Riverside, Santa Barbara, Lawrence Berkeley, Lawrence Livermore

CALIFORNIA'S DEEP DECARBONIZATION PATHWAYS: A HOLISTIC MULTI-LAYER ASSESSMENT

Lead Principal Investigator: Rajit Gadh, Ph.D., UC Los Angeles

- *Collaborating Sites:* Berkeley, Merced, Riverside, Lawrence Berkeley, Lawrence Livermore

MULTISCALE INTERACTION AND INVERSE DESIGN OF METALLIC MESO-ARCHITECTED MATERIALS FOR DYNAMICS

Lead Principal Investigator: H Alicia Kim, Ph.D., UC San Diego

- *Collaborating Sites:* Irvine, Santa Barbara, Lawrence Livermore, Los Alamos

IMPROVING PANDEMIC PREPAREDNESS AND HEALTH EQUITY THROUGH WASTEWATER-BASED EPIDEMIOLOGY

Lead Principal Investigator: Kara Nelson, Ph.D., UC Berkeley

- *Collaborating Sites:* Davis, San Francisco, Lawrence Livermore

COASTAL WETLAND RESTORATION: A NATURE BASED DECARBONIZATION MULTI-BENEFIT CLIMATE MITIGATION SOLUTION

Lead Principal Investigator: Adina Paytan, Ph.D., UC Santa Cruz

- *Collaborating Sites:* Berkeley, Davis, Irvine, Santa Barbara, Lawrence Berkeley, Lawrence Livermore, Los Alamos