



**CCST  
COUNCIL**

**SUSAN  
HACKWOOD**

**5.3.17**

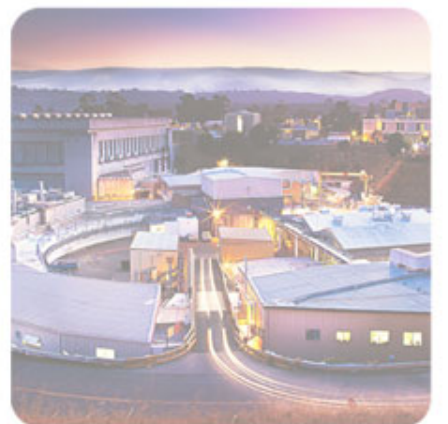
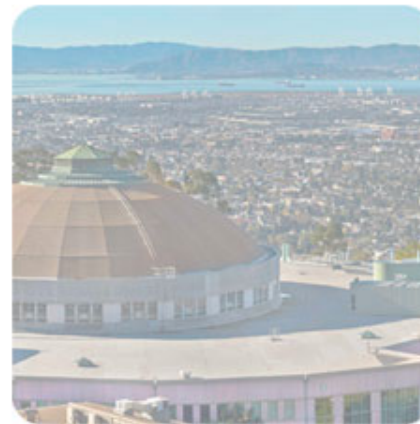
# FEDERAL LABORATORY AFFILIATES PROGRAM

Christine Casey

Background:

Update:

- Meeting with Governor Brown 2/15/17
- Testimony – State Assembly Budget SubCommittee on Resources & Transportation 3/1/17
- Science Fellows Tour of LBNL 4/13/17
- Ongoing collaboration





# COMMUNITY COLLEGES MAKER INITIATIVE



Brie Lindsey

## Background:

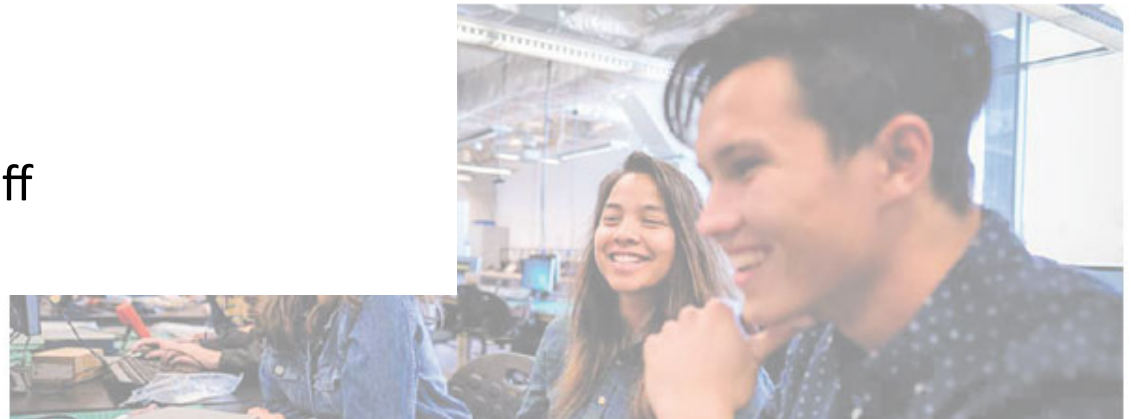
- CCCO building \$17M network of makerspaces using CCST's report

## CCST contracted to:

- Serve on advisory committee
- Inform policymakers
- Assist with webinars & workshops
- Provide information & resources
- Leverage university level research to inform project

## Update:

- Webinar Feb. 2017
- Planning August CCC Maker Kickoff



# UNDERGROUND NATURAL GAS STORAGE VIABILITY

Sarah Brady

## Background:

- \$2.5M project for CPUC
- Jan. 2017- Jan. 2019

## Statement of Work:

- Broad review of potential risks and impacts associated with natural gas storage

## Update:

- Oversight committee approving proposed Steering Committee





# BIOMETHANE HEATING VALUES

The background of the slide is a photograph of a rural landscape. In the foreground, several cows of various colors (black, brown, and white) are standing in a field of tall grass. In the middle ground, there is a line of trees and a small building. In the background, there are rolling hills and mountains under a clear sky.

Sarah Brady

## Background:

- \$500K project for CPUC
- Est. due date 2/1/18

## Statement of Work:

- Complete a study analyzing minimum heating value and max. siloxane specifications for delivery of biomethane, cost, volume, and impacts

## Update:

- Contract negotiations have stalled with CPUC, but some movement forward

# WATER USE & TREATMENT IN OIL & GAS ACTIVITIES

Brie Lindsey

## Background:

- \$450K project – Division of Oil, Gas, & Geothermal Resources
- 13 months after contract begins

## Statement of Work:

- Early assessment of data collection required to implement provisions of SB 1281

## Update:

- Proposal submitted and awaiting feedback



# ORGANIZING CALIFORNIA'S WATER INFORMATION SYSTEMS

Watershed based

Prioritize stakeholder collaboration

Who are the

TBD

Background:

- No current funding exists
- Ongoing

Improve data accessibility and transparency

Overview:

- CCST's 2014 report "Achieving a Sustainable California Water Future" recommended greater information on water supply and use
- Last year CA passed Open and Transparent Water Data Act

Normalize data collection and sampling

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Update:

- CCST assembled workshop design team, hosted data management workshop 2/19/17

Increase monitoring and collection

best use modern technology?





Doug Brown

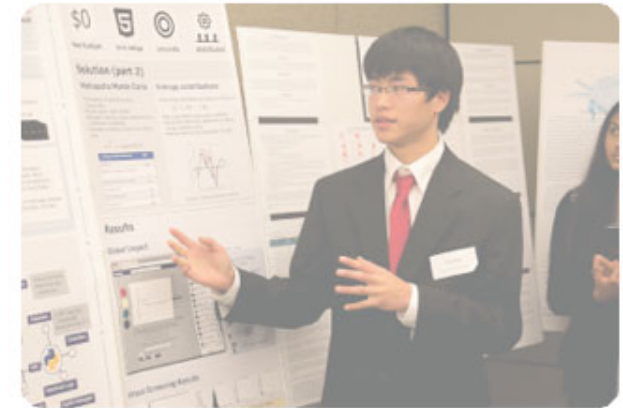


### Background:

- Created in 2005 to help give STEM teachers a voice in policy discussions
- Modeled after NTAC
- Grant from Gordon & Betty Moore Foundation

### Update:

- Workshop at annual conference of National Science Teachers Association 4/1/17
- Focusing on defining ways that STEM teachers can play an active role in policymaking at the state level





# CCST SCIENCE FELLOWS

## Alumni program:

- Launched in 2013 with grant from WHH Foundation
- High interest from former Fellows
- Steering committee organizes events

## Background:

- \$1.3M/year, launched in 2009
- Embeds PhD scientists in the Legislature

## Update:

- Nov. 2016 marked beginning of 8<sup>th</sup> year
- Year 9 applications closed on Feb. 28 2017; finalists will be interviewed in May/June



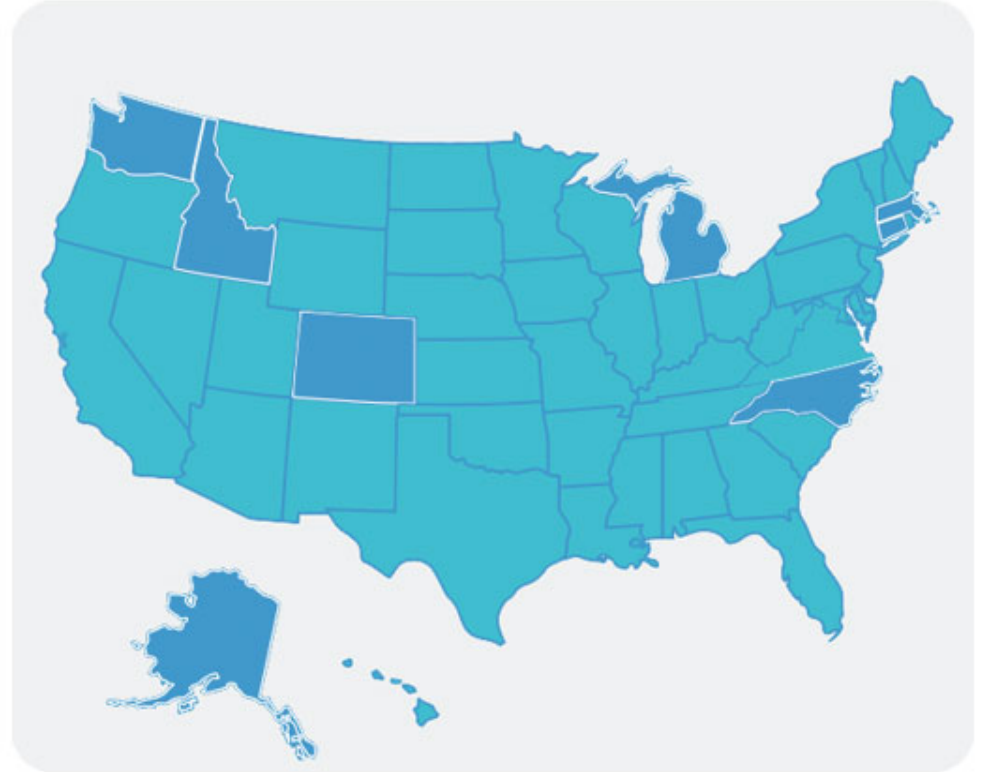
# FELLOWSHIP MODEL IN OTHER STATES

## Background:

- Funding by Simons Foundation and Gordon and Betty Moore Foundation for planning grants elsewhere

## Update:

- CCST provided 9 grants of \$25K to support exploration of the possibility of establishing other fellowship programs similar to CCST's
- Workshop at AAAS Annual Meeting



# FUNDRAISING



## Background:

- Focus on S&T Policy Fellows

## Update:

- Major gift events planned in target markets: Los Angeles, San Diego, Bay Area, Palo Alto
- 2017 goal: \$1.3M
- Planning for 2018 Anniversary



# COMMUNICATIONS

## Background:

- Updated communications strategy begun in 2015

## Update:

- Social media community expanding
- CCST Spotlight newsletter signup feature added, with ability to filter by area of interest
- New webpages for CalTAC, Federal Labs, and 'Beyond California'
- Focus on 2018 anniversary





**MORE INFORMATION:  
CCST.US**