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NEWS FROM THE [BERKELEY CLIMATE CHANGE NETWORK](#) - SEPT 14

BCCN IS HIRING 2 STUDENTS (SEE #10 BELOW)

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1. "A Calamity of Epic Proportions" Libya Floods Kills Thousands
2. Berkeley #1 in U.S. for Venture-Backed Startups
3. Berkeley Researchers Using AI and ML for Climate
4. School of Public Health: Climate Fungi, Tides and Wildfire (and grants)
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7. New Faculty - Berkeley Climate Map Orientations from BCCN (free!)
8. Climate Tech Rumbling @Berkeley - What is It and Can It Save the Planet
9. 100 Years Ago This Week: 1/4 of Cal Faculty & Staff Lost Their Homes
10. BCCN is HIRING two students for 23-24

Hello Berkeley STUDENTS: Check out the [Student Environmental Resource Center \(SERC\)](#) - Courses! Events! Community!

1. "A Calamity of Epic Proportions" Libya Floods Kills Thousands

You've seen the headlines this week, 5,000 dead, maybe more. A dreadful example of how climate change usually works along with other important factors to deliver the punch. In this case, [Extreme Rainfall](#) + poverty, war, old infrastructure, poor warning systems. Why the most vulnerable get hit the hardest and have the toughest time recovering. Here's [Democracy Now](#) reporting and discussing.

2. Berkeley #1 in U.S. for Venture-Backed Startups

[Berkeley News](#): "UC Berkeley has taken the top spot for the number of venture-funded startups its undergraduate alumni have founded, according to data from the [2023 PitchBook university rankings released](#) Monday. Berkeley undergraduate founders have created more companies than undergraduate founders from any other university in the world.

3. Berkeley Researchers Using AI and ML for Climate

BCCN recently queried campus and LBL researchers to see how they are using AI and machine learning in their climate research. The answer, as you might guess, is early and often. And we are just getting started. See the first batch of examples [here](#).

4. School of Public Health: Climate Fungi, Tides and Wildfire (and grants)

4. SCHOOL OF PUBLIC HEALTH: CLIMATE FUNGI, TIDES AND WILDFIRE (and grants)

SPH researchers are diving deep into an increasing number of health and climate topics (worries). Lately, [fungi, tides and wildfire smoke](#). At the same, SPH has launched a new [Social Impact Innovation Grant Program](#) to support students in developing and implementing community-based projects to improve health equity. **All Berkeley undergraduate and graduate students can apply for up to \$15,000 in funding to turn ideas that improve health equity into reality.** The goal is to get students thinking about projects that could seed the founding of a non-profit or lead to other entrepreneurial endeavors upon graduation.

5. As the Heat Increases...Cal Athletics Trades the West Coast for the South

To mark the very last chapter of the Pac-12, let us consider that outdoor sports, particularly in already hot/humid zones, will become an increasingly endangered species. Here are two recent looks (there are many more) from Climate Central's [When Outdoor Sports Become Risky](#) and Global Sport Matters' [Climate Change Forcing All Types of Athletes to Adapt to the Great Outdoors](#).

6. Great Resource for Climate Legal Action: Sabin Center

We have a ton of great legal action now on climate in the U.S. and a number of other countries. One smart way to keep up is by monitoring the [Sabin Center for Climate Change Law](#) at Columbia University. Highly recommended.

7. New Faculty - Berkeley Climate Map Orientations from BCCN

BCCN is offering free zoom "Berkeley Climate Map" orientations to all new faculty who want to get a better sense of who's who and what's what in the Berkeley and LBNL climate world. Just drop us an [email bruceriordan@berkeley.edu](mailto:email.bruceriordan@berkeley.edu).

8. Climate Tech Rumbling @Berkeley - What is It and Can It Save the Planet?

Climate Tech is becoming quite the hot item here and everywhere. Can it save the planet? No, but climate tech can play an important role for cutting emissions, removing carbon from the air, and building our resilience to heat, storms, drought, sea level rise and wildfires. Here's an excellent [climate tech primer](#) from the Hubspot.

9. 100 Years Ago This Week: 1/4 of Cal Faculty & Staff Lost Their Homes

This weekend marks the 100th anniversary of the huge [1923 Berkeley Fire](#) which consumed 500-600 homes on the north side of town, making one-fourth of faculty and staff and more than 1,000 students homeless. The fire stopped at Hearst. The Berkeley Architectural Heritage Association (BAHA) is running a [walking tour](#) Sunday 1 pm - 5 pm in and out of the north fire line showing 1923 homes that luckily did not burn and post-fire attempts at fireproof construction. (Maybe see you there. My great grandfather Henry Pinger built a beautiful wood shingle house on Buena Vista Way that was lost in the fire.)

10. BCCN is Hiring Two Students for 23-24

\$25/hour, up to 10 hours per week to help BCCN expand its services in 23-24 — connecting faculty/staff/students, securing \$\$ for research, and building bridges to off-

campus climate leaders, community organizations and more. See the announcement [here](#).
Send cover letter and resume to bruceriodan@berkeley.edu.

BCCN Calendar:

- CED Talks: [Constructed Water Above and Below](#) - Oct 4
- CEGA - [Realigning Tech for Social Impact](#) - Sept 28
- i4Y hiring - [Research Partnership Director to Promote Wellbeing and Equity in Schools](#)
- [BEGIN user survey](#) - please help out by Friday

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Berkeley Climate Change Network

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Bill McKibben:

1. *Build massive amounts of solar and wind*
2. *Electrify everything to run on it*
3. *Conservation and efficiency*
4. *Research the hell out of the hard stuff (aviation, cement, etc.)*
5. *Stop cutting down trees for cows (or anything else)*

