

You are receiving this newsletter because you or an organization you are affiliated with has subscribed to receive monthly updates from CIEE. Please circulate relevant information to students, faculty, and staff.



**Vol XV. February 2020**

## upcoming **EVENTS**

Continuing the theme of research opportunities, this issue of the CIEE Sentinel has opportunities for researchers in every stage of their career, from undergraduates all the way to professionals in their field.

## in the **NEWS**

[Reducing Street Sprawl Could Help Combat Climate Change](#)

[A New Wave of Indies are Using Games to Explore Climate Change](#)

**February 25th**

[BECC Webinar "Engaging Non-Experts: Visual Storytelling for your Data"](#)

**February 28th**

[TTRN-CITRIS International Summer Institute Applications Close](#)

**February 29th**

[Cal Energy Corps Applications Close](#)

**March 6th**

[Women in Tech Symposium](#)

**March 15**

[Art Rosenfeld Award Applications Close](#)

**March 18**

[CITRIS Seed Funding Applications Close](#)

# CIEE NEWS



## Call for Abstracts: BECC Conference 2020

This year's annual [Behavior Energy and Climate Convention](#) (BECC) will be held in Washington, DC, from December 6th through December 9th, and they are currently putting out a call for abstracts!

In 2019 we looked at how to scale up programs. Now in 2020 we want to discuss HOW to push these programs faster and farther. BECC invites you to present your work and learn from others about how to encourage behavior change for energy and carbon savings:

- Level up programs or move them to more effective roles or platforms.
- Understand why individuals and groups change.
- Make these transitions in fair and equitable ways.

If your work creates efficiency using behavioral principles or research, we encourage you to submit a presentation abstract. Your participation in BECC 2020 helps build an informed and empowered community at the nexus of energy, behavior, and climate.

**Submit an individual abstract**

**Submit a panel abstract**

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## **BECC Webinar: Engaging Non-Experts: Visual Storytelling for your Data**

In other BECC-related news, the BECC website will be hosting a webinar on Tuesday, February 25th, from 3-4 PM Eastern.

You probably know that visuals are good at grabbing an audience's attention. Did you know that people following directions with illustrations do more than 3x better than people following text directions alone?

Visuals (including data visualization, infographics, and visual storytelling) are an important method of showing complex systems – and they can be a useful tool to inspire action with your audiences. This session is an introduction to applying visual narrative to your data – including lots of examples.

The speaker for the Webinar is Arlene Birt, founder and chief visual storyteller of [Background Stories](http://www.backgroundstories.com) ([www.backgroundstories.com](http://www.backgroundstories.com)). Arlene works with environment-focused organizations in the US, EU, and UK to translate complex ideas, systems, and metrics into clear visuals that help people (especially non-experts) understand sustainability. An expert in information visualization and narrative, visual storytelling for sustainability, Arlene develops creative community engagement and integrates behavior change principles into her work. Arlene is also a professor at the Minneapolis College of Art and Design, teaching courses on infodesign, data visualization and sustainability since 2008. She is a Climate Reality Leader and is always on the lookout for opportunities to create participatory, data-focused public artwork.

Registration for the webinar is free, and it can be done so [here](#).

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# Art Rosenfeld Award Applications: One Month Left!

There is one month left to apply for the Art Rosenfeld Award for Energy Efficiency!

Distributed annually, the Art Rosenfeld Award is a \$7,500 research stipend given to a graduate student every year whose research is committed to research on energy efficiency. This includes technical, social science and policy research that can lead to reductions in the use of energy.

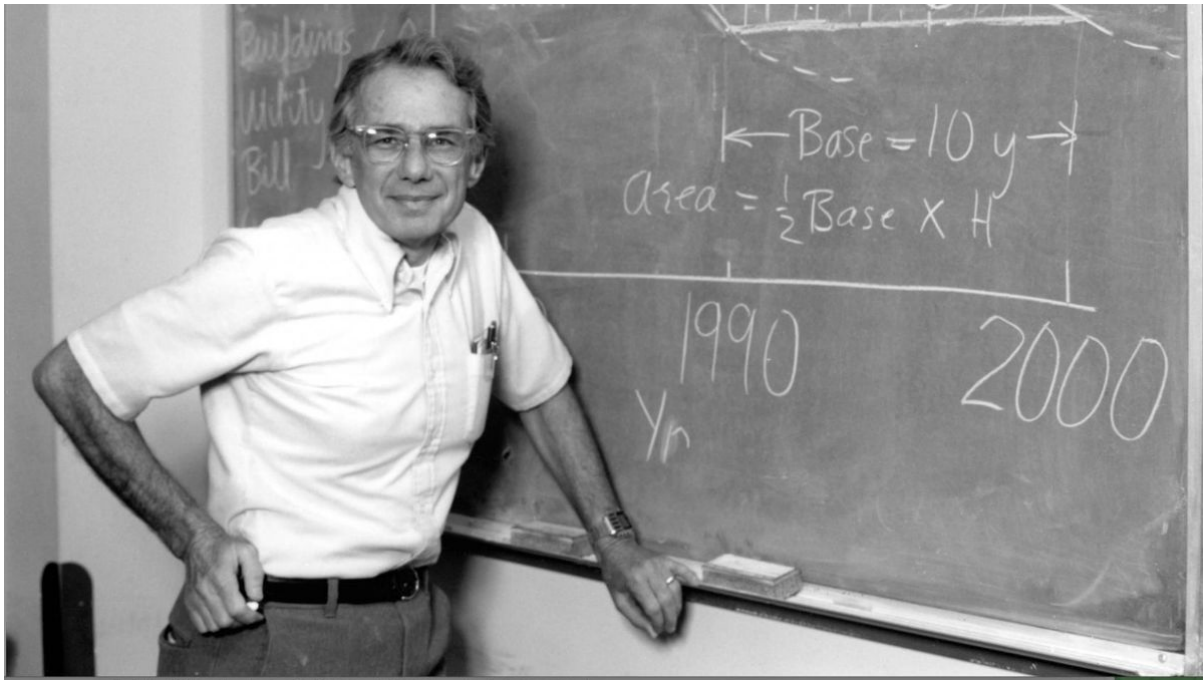
The award's namesake, Art Rosenfeld, pioneered energy-efficiency standards that have put California in the global spotlight. A professor of physics at UC Berkeley and scientist at Lawrence Berkeley National Laboratory, Rosenfeld was a champion of energy conservation and technologies to support it. His leadership led the University of California to establish the California Institute for Energy and Environment (CIEE) in 1989 to wed that vision and the extraordinary UC researchers who are making it a reality.

To honor this legacy, we are pleased to offer up this research award annually to help support the work Art Rosenfeld dedicated his life and career to.

To apply, please send the following application materials to [info@uc-ciee.org](mailto:info@uc-ciee.org):

- Resume/CV
- Personal Statement (750-1000 words) describing your background and career interest in energy efficiency
- Plan of Action (750-1000 words) describing your academic plans and how the Rosenfeld Award will support, broaden and/or accelerate them.

Applications for this award are due on March 15th, 2020. Please circulate this opportunity to graduate students who may benefit.



## Cal Energy Corps Program: Applications Close in Two Weeks!

The [Cal Energy Corps](#), hosted by the California Institute for Energy & Environment (CIEE) and the Center for Information Technology Research in the Interest of Society (CITRIS) and the Banatao Institute, is a paid undergraduate summer internship program engaging top UC Berkeley students in the design, development, and delivery of sustainable energy and climate solutions.

Now in its tenth year, the program provides students with professional, hands-on

experience to enhance their academic work, offering them a chance to use their talents for implementing cutting-edge innovations in the field. Students chosen for the program participate in full-time 8+ week internships over the summer at selected host organizations, receiving a \$680 weekly living stipend. Following the program, students present their research projects to the Cal Energy Corps community at a poster session and reception.

This year, internships are available seeking support in areas such as environmental policy, machine learning, materials science, and more. Placements are currently offered at Carbon 180, Cypris Materials, Energy Solutions, Imprint Energy, Integral Group, Lawrence Berkeley National Lab, and PingThings, with more host organizations to be announced.

**NEW!:** Two new internship placements are available at McEachern Laboratories; a laboratory performing cutting-edge work in electrical grid metrology!

For more information, including how to apply, please visit our website at [calenergycorps.berkeley.edu](http://calenergycorps.berkeley.edu). Applications are due February 29th, 2020.

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## CALL FOR PROPOSALS:

# CITRIS 2020 SEED FUNDING

The CITRIS Seed Funding Program invites Principal Investigators at UC Berkeley, UC Davis, UC Davis Health, UC Merced, and UC Santa Cruz to apply for seed funding that advances CITRIS and the Banatao Institute's research thrusts, strengthens UC campus connections, and drives novel technology applications.

**Application Deadline:** Wednesday, March 18, 2020 at 5:00 PM (PDT) via the application portal: [https://citris.smapply.org/prog/2020\\_citris\\_seed\\_funding/](https://citris.smapply.org/prog/2020_citris_seed_funding/)

**More information:** To download the RFP, view detailed areas of interest, eligibility,

requirements, and FAQs, please visit the 2020 CITRIS Seed Funding webpage: <https://citriscis-uc.org/core-seed-funding/>

Contact [seeds@citriscis-uc.org](mailto:seeds@citriscis-uc.org) with questions.

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## Applications now open for 2020 TTRN-CITRIS Summer Institute

CITRIS is currently seeking applicants for the TTRN-CITRIS International Summer Institute, held on August 10th-14th at UC Berkeley. The program is a week-long intensive research methods course for health informatics, telehealth, data science, artificial intelligence, associated data governance, and ethical-legal issues. **Ph.D. students and post-docs can apply for a fellowship and be accepted on a rolling basis from January 8, 2020, to February 28, 2020.** Direct any questions to [personalizedhealthprogram@ucdavis.edu](mailto:personalizedhealthprogram@ucdavis.edu).

More info at <https://summerinstitute.faculty.ucdavis.edu/>

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## UPCOMING EVENTS

### Women in Tech Symposium: Reimagining Cybersecurity for All

Join CITRIS and the Banatao Institute for the 4th Annual Women in Tech Symposium: Reimagining Cybersecurity for All on Friday, March 6, for a day filled with keynote

speakers, breakout sessions and networking opportunities. **Special prices for UC staff and students.** We hope to see you there!

**Get tickets:** <https://www.eventbrite.com/e/4th-annual-women-in-tech-symposium-reimagining-cybersecurity-for-all-tickets-86742526231>

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## CITRIS RESEARCH EXCHANGE

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### SPRING 2020 SEMINAR SERIES

### CITRIS Research Exchange: 2020 Spring Line-up

The CITRIS Research Exchange Spring 2020 Schedule is now available, and features a lot of great speakers including Rama Akkiraju (IBM Watson), Vincent Vanhoucke (Google Brain), Stephen Robinson (UC Davis/formerly NASA) and Karina Edmonds (Google Cloud), among others. **Live webcasting of each CITRIS Research Exchange seminar is available on YouTube:** <https://www.youtube.com/user/citrisuc/live>

Check out the full schedule here: <https://mailchi.mp/citris-uc/research-exchange-speakers-spring2020>



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