

Impulse, special edition
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We're expanding our support for hard tech innovators. Read on to learn how.

Friends and Colleagues,

As we prepare to [open applications](#) for Cohort Four on October 2nd, we're thrilled to announce several new partnerships that will expand our support for innovators at Cyclotron Road.

We are [expanding our impact](#), through two new program tracks—Clean Power and Electronics—sponsored by the **California Energy Commission** and **DARPA**, [expanding our footprint](#) for innovators to include **UC Berkeley's campus**, and [expanding our reach](#) through a new initiative that will share the unique training and educational elements of our program with science innovators around the world, supported by **The Gordon and Betty Moore Foundation** and others.

We're incredibly excited to be working with these leading organizations and our foundational sponsors at Berkeley Lab and the DOE Advanced Manufacturing Office in support of our common mission: empowering innovators to advance their ideas

Read on below for more details on these initiatives, or [visit our website](#) to learn more.

Onward,

The Cyclotron Road Team

Expanding our Impact

Partnerships with CEC and DARPA open Cyclotron Road to innovators in Clean Power and Electronics.

When [applications open](#) for Cohort Four on October 2nd, innovators working on technologies with potential for broad impact in advanced manufacturing, clean power, and electronics will be eligible to apply.

Over the last three years, foundational support from the U.S Department of Energy's Advanced Manufacturing Office has allowed us to create a new model for supporting hard tech innovators at Cyclotron Road by establishing the world's first entrepreneurial research fellowship. Now, the California Energy Commission and DARPA have partnered with us to build on that model and expand its impact. With the launch of these new programs, Cyclotron Road will have an opportunity to support innovators working to transform three of the most energy and resource intensive industrial sectors on the planet.

All innovators, regardless of track, will be part of one unified cohort, supported by a two-year entrepreneurial research fellowship and with access to comprehensive program support by Cyclotron Road.

Learn more on our website at cyclotronroad.org/program

Cohort Four impact areas



Advanced Manufacturing

Why it matters: Energy-intensive manufacturing accounts for 27 percent of total energy use worldwide and is a driver of overall economic growth. In addition, manufactured products have a significant impact on energy use in every industrial sector.

Sponsor: US Department of Energy Advanced Manufacturing Office



Clean Power

Why it matters: Electricity production accounts for nearly 25 percent of greenhouse gas emissions worldwide and access to reliable, safe, and low-cost electricity is a basic requirement for a high quality of life.

Sponsor: California Energy Commission



Electronics

Why it matters: Electronics underpin the critical systems and infrastructure of a data-driven economy. Without transformative innovation, network connected devices are projected to constitute six percent of total electricity consumption worldwide by 2025.

Sponsor: DARPA Microsystems Technology Office

U.S. DEPARTMENT OF
ENERGY | Energy Efficiency &
Renewable Energy
ADVANCED MANUFACTURING OFFICE



Expanding our footprint

Cyclotron Road partners with UC Berkeley to expand support for entrepreneurial researchers and innovation



Cyclotron Road innovators can now access the labs and expertise of UC Berkeley faculty in driving their scientific research toward commercial products. A newly created Visiting Entrepreneurial Research Fellows program will let entrepreneurial scientists and engineers do applied research on UC Berkeley's Campus in collaboration with faculty, while retaining rights to commercialize the resulting inventions.

Developed by Cyclotron Road and UC Berkeley's Office of Intellectual Property and Industry Research Alliance (IPIRA), the program will be piloted this fall by several current Cyclotron Road teams. It is expected to be available to innovators in Cohort Four.

[Read the full announcement on our website.](#)

Expanding our reach

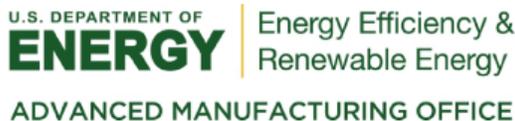
Coming soon: public tools and training resources for science innovators (with the Moore Foundation, CEC, DOE, and others.)

Working so closely with our innovators allows us to gain insight to the critical institutional, educational, and financial gaps they face between concept and first product. Over the coming months we will be working with several partners to pilot a number of new initiatives that are designed to address the most severe of these gaps.

collaboration with the Gordon and Betty Moore Foundation and building on our partnerships with the U.S. Department of Energy and the California Energy Commission, we will be working over the next year to create publicly available tools and training resources based on our program at Cyclotron Road, and making them broadly accessible to science innovators the world over. Our hope is that this will create a virtuous cycle that encourages more scientists and engineers to pursue commercial application of their research and increases their chances of success.

Get a glimpse of this and other special projects aimed at addressing the biggest gaps facing hard technology innovators [on our website](#).

Thank you to our supporting partners!



Interested in partnering with us? [Visit our website](#) to learn more and start the conversation.



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