

Impulse, volume 5
January 2017

[View this email in your browser](#)



Friends and colleagues,

2017 has kicked off at a brisk pace here at Cyclotron Road, as we hosted 16 semifinalist teams for Cohort 3 at Berkeley Lab during the second week of January. Hearing from these innovators about their vision was inspiring and humbling, and only reinforced our excitement for the year ahead. As you'll see below, our current innovators and their teams aren't slowing down, either.

Before you scroll to the exciting updates below, we'd like to highlight an info session that we are co-hosting tomorrow evening about the recently announced CalSEED program. Join us and the CalSEED staff for a short workshop on how you can get \$150,000 to fund your early stage energy concept and stick around afterward for happy hour. [More details and RSVP here](#)

Thank you for your continued engagement and support.

Onward,

The Cyclotron Road Team

Raymond Weitekamp and Richard Wang selected as *Forbes* 30 Under 30

Cyclotron Road Innovators Raymond Weitekamp, founder of PolySpectra, and Richard Wang, cofounder of Cuberg, were both selected as part of the prestigious *Forbes* 30 Under 30 list for Energy. Weitekamp and Wang join previous Cyclotron Road 30 Under 30 honorees Marcus Lehmann and Colin Bailie, who were part of the list in 2016.

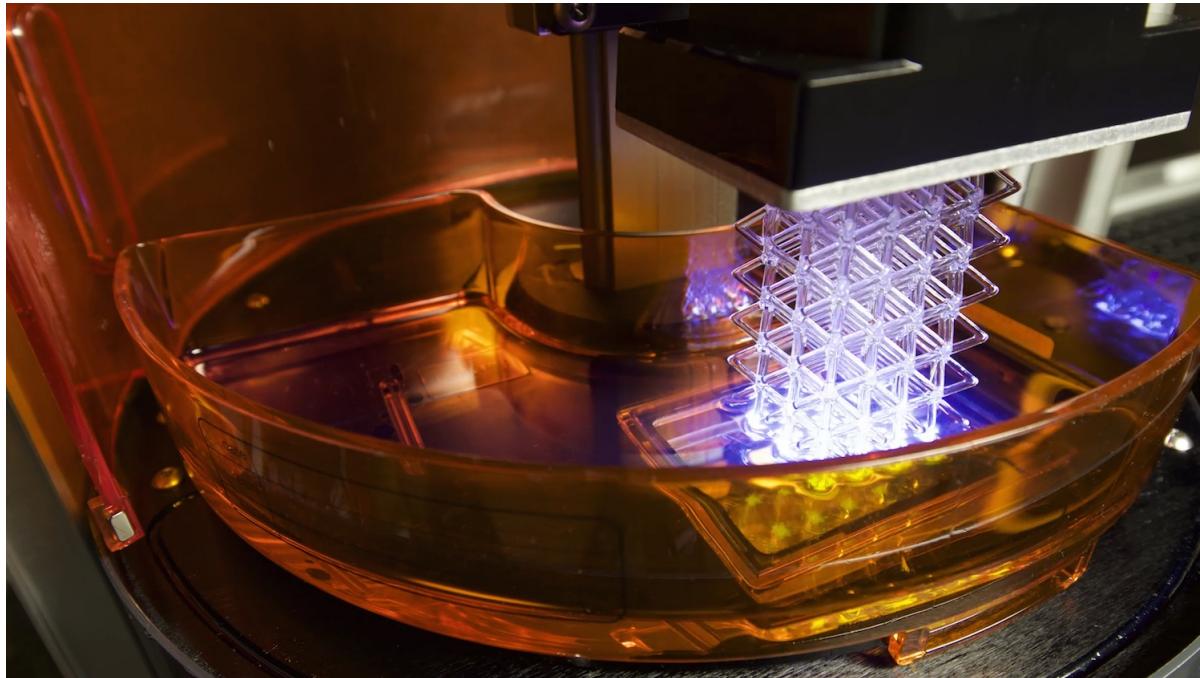
Selected annually, the *Forbes* 30 Under 30 list honors "the brightest young

Congratulations to Raymond and Richard!



30 UNDER 30

Polyspectra named one of *Chemical & Engineering News* 10 Startups to Watch



3D printing startup Polyspectra, led by Cyclotron Road Innovator Raymond Weitekamp, was featured last fall in *Chemical & Engineering News* (C&EN) as part of the magazine's annual "10 Startups to Watch" list. Selected by C&EN's business reporters, the list features "young companies that have managed to bring all the right pieces together."

Congratulations to Raymond and the polySpectra team!

Opus 12 Wins ARPA-E REFUEL Award

Kendra Kuhl, and co-founder Nicholas Flanders, was recently [awarded nearly \\$2,000,000 by the Advanced Research Projects Agency-Energy \(ARPA-E\)](#) as part of its REFUEL program. The award comes alongside Opus 12's recently closed seed financing round, which includes the Theil

Foundation's Breakout Labs and Canadian investment firm Evok Innovations. Congratulations to the Opus 12 team!



CalWave takes 2nd place in DOE Wave Energy Prize

CalWave, led by Cyclotron Road Innovator Marcus Lehmann, [earned second place out of 92 teams](#) in the US Department of Energy Wave Energy Prize. As runner up, Calwave was awarded \$500,000 to continue development of its high efficiency deep water wave energy converter. Congratulations to Marcus and the CalWave team!



[According to the press release from DOE](#), the "18-month design-build-test competition... focuses on catalyzing the development of game-changing wave energy converters that will ultimately reduce the cost of wave energy. Wave energy technology could one day provide clean, cost-competitive, reliable energy for homeowners, communities, businesses, and government in geographically suited parts of the United States."

Cyclotron Road finalist for East Bay Innovation Award

Cyclotron Road has been selected as one of two finalists for the 2017 [East Bay Innovation Awards](#) in the Catalyst category, along with Oakland's Kapor Center for Social Impact. The winners will be announced at the annual award ceremony on March 9th, 2017 at the Fox Theater in Oakland.



nominations in the categories of Advanced Manufacturing, Clean Tech, Education, Engineering & Design, Food, Information and/or Communication Technology, and Life Sciences. The Catalyst of the Year award is presented to an "individual, organization, or company that is currently transcending organizational boundaries to pull East Bay assets together in new ways and/or to catalyze new thinking or processes." [Read the full press release here](#)

Cyclotron Road and Activation Energy highlighted in *EE News*

Cyclotron Road and its partner non-profit Activation Energy [were highlighted in EE News last November](#) in an article covering the emergence of an "alternative ecosystem for developing, proving and commercializing clean-tech hardware." The detailed article provides several examples of how Cyclotron Road and Activation Energy are helping innovators navigate the challenges of scaling new energy and manufacturing technologies. It also highlights the recent formation of our [Leadership Council](#), which includes top industry executives, investors, entrepreneurs, and academics from across the energy innovation ecosystem.



On the Road

Cohort news ...

Opus 12 cofounder Kendra Kuhl presented at MIT *Technology Review* EmTech event in Boston, MA ([video](#)) ... Kuhl and cofounders Etosha Cave and Nicholas Flanders were [named](#) among 'Eight Innovators to Watch' in *Smithsonian Magazine* ... Sepion technologies cofounder Brett Helms [won an R&D 100 award](#) for his work on polymers of intrinsic microporosity ...

Program news ...

Director Ilan Gur was quoted in a *New York Times* article about advances in battery technology ...

What we're reading ...

Daniel Sarewitz's provocative article "Saving Science" (*The New Atlantis*) ...
Richard Hamming's 1986 colloquium transcript "You and your research"
(*Bell Communications Research*)

Catch up with us at an upcoming event!

Our program will be represented at the events below. Come say "hello" - We'd love to meet you!

CalSEED Info Session and Happy Hour January 26, The Daily Pint, Berkeley, CA,
4:00pm - 5:30pm

Join CalSEED staff and partners for a short workshop on how you can get \$150,000 to fund your early stage energy concept. Happy Hour to follow info session. [RSVP here](#)

BERC Energy Summit February 23-24, Berkeley, CA

ARPA-E Summit February 27-March 3, Washington DC



Copyright © 2017 Cyclotron Road, All rights reserved.

Want to change how you receive these emails?
You can [update your preferences](#) or [unsubscribe from this list](#)

