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## Thank You and Happy Holidays from Cyclotron Road!

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Friends and colleagues,

Our team is excited to take a breath as we head into the holidays after a busy fall. Since our last update, we've [announced new programs](#), [hosted our second annual Activate event](#), and reviewed a record-number of applications for Cohort Four, who will join Cyclotron Road next spring. As you'll see below, our innovators have been sprinting, too, [winning awards](#), [launching new products](#), and even [appearing in Rolling Stone](#).

These achievements are emblematic of what has been a fantastic year at Cyclotron Road, and we feel grateful for the opportunity to support such inspiring individuals and pursue work we find deeply meaningful. We'd like to thank our partners, leadership, advisors, and amazing community for making it all happen, and challenging us to continually push the boundaries of what's possible.

Onward to 2018,  
The Cyclotron Road team

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*Cohort News***Cyclotron Road fellows recognized on 2018 Forbes 30 Under 30 List**

Cyclotron Road fellows David Bierman and Lauren Otto, and Nelumbo CEO and cofounder Liam Berryman (pictured, right to left) were honored on the annual [Forbes 30 Under 30 list for energy](#). The list recognizes "the most promising individuals" under the age of 30 working on energy-related projects. Congratulations to David, Lauren, and Liam!



Prior Cyclotron Road 30 Under 30 winners include Marcus Lehman, Nicholas Flanders, Colin Bailie, Raymond Weitekamp, and Richard Wang.

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*Cohort News***Polyspectra launches first product, COR Alpha, at Activate 2017**

Polyspectra founder and Cyclotron Road alumnus Raymond Weitekamp [announced his company's first commercial product](#)—dubbed COR Alpha—on stage at *Activate 2017*, Cyclotron Road's [annual showcase event for investors and industry](#), which took place on September 28th.



Based on Weitekamp's PhD research under Nobel Laureate Bob Grubbs at Caltech and two-years of development supported by Cyclotron Road, COR Alpha is a 3d printing resin that aims to fill an unmet need for rugged polymers in the additive manufacturing market. [Read more...](#)

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## Rolling Stone lists Opus 12 co-founders among "25 People Shaping The Future in Tech, Science, Medicine, Activism and More"



Cyclotron Road alumni Etosha Cave, Kendra Kuhl, and Nicholas Flanders, cofounders of Opus 12, [were recently highlighted in Rolling Stone's 2017 Future Issue](#) (pictured at left), which celebrates "25 visionaries, revolutionaries, entrepreneurs and disrupters ... in politics, economics, tech, science, agriculture, medicine and more." Congratulations to Opus 12 for this exciting coverage of their efforts to bring carbon dioxide utilization to market.

"We have been keeping a low profile during our technology development phase but when *Rolling Stone* reached out about this recognition, it was an opportunity that we could not pass up," said Flanders, Opus 12's CEO.

In addition to being a great honor, the list—which includes Tesla founder Elon Musk, US Senator Kamala Harris, and a number of other celebrity luminaries—is the highest profile and most suitable use to date for Opus 12's iconic "album cover" photograph, taken from the patio of Berkeley Lab's Molecular Foundry.

Rolling Stone

25 People Shaping the Future in Tech, Science, Medicine, Activism and More



Steve Wedman

By Jeff Goodell, Mark Binelli, Tessa Stuart, Ben Wolford, Amanda Chicago Lewis, Zoe Carpenter, Alexander Zatchik, Jonah Weiner, Tim Dickinson, Saul Elbein, Justin Nobel, Brian Patrick Eha, Gillian Brasil

November 17, 2017



### Kendra Kuhl, Nicholas Flanders and Etosha Cave: How to Rid the World of CO2

One of the keys to solving global warming is: How can we make carbon pollution useful? Opus 12, founded by former Stanford scholars Kendra Kuhl, Nicholas Flanders and Etosha Cave (from left), has built a reactor to trap the greenhouse gas and convert it into carbon-based compounds that are used to make plastics and liquid fuels. The point, says Flanders, the CEO, is to "recycle our customers' emissions into new products rather than just throwing that CO<sub>2</sub> away." And Opus 12 isn't the only company doing it: In June, the world's first industrial-

Program News

## Welcome to Brenna Teigler!

Brenna recently joined [our team](#) to lead Program Operations at Cyclotron Road. In this role, she will be working to manage and increase efficiency

programming, and laboratory operations.



Prior to Cyclotron Road, Brenna was an American Association for the Advancement of Science (AAAS) Science and Technology Policy Fellow in the Office of Energy Efficiency and Renewable Energy at the U.S. Department of Energy (DOE). During her two-year fellowship, she was a project manager for the Clean Energy Manufacturing Initiative and Technology-to-Market Program where she spearheaded an effort called Build4Scale to develop manufacturing training for hardware innovators. Brenna has a PhD in Biophysics from Harvard and a BS in Physics from Rutgers, the State University of New Jersey.

*On the Road ...*

### **Cohort news ...**

... Feasible was [awarded](#) \$1,800,000 by ARPA-E ... Lauren Otto was [profiled](#) by her alma mater Bethel University ... Jessica Morrison was [profiled](#) by the MIT Materials Research Laboratory ... Visolis [won](#) \$250,000 in the NYSERDA 76West Competition ... Etosha Cave was [listed](#) on the 7x7.com "Hot 20" list of Bay Area innovators ... Opus 12 was [named](#) to a list of the Silicon Valley's 29 most innovative early stage startups ...

### **Program news ...**

... Ilan Gur and Etosha Cave, [presented](#) at the second annual Near Future Summit in La Jolla, CA ... Beth Zotter [gave a keynote address](#) on technoeconomics at the fall MRS meeting ...

### **What we're reading ...**

... Manan Mehta's [article](#) on supporting first time founders (*Venturebeat*) ... Elizabeth Kolbert's [feature](#) on carbon dioxide removal (*The New Yorker*) ...

[Cleantech Forum San Francisco](#) January 22-24, 2018, San Francisco, CA

*Andrew Hsieh, Liam Berryman, and Sarah Richardson are presenting during the Fledglings & Seedlings: In Search of the Next Generation session on Tuesday, January 23rd and Matt Price is a panel speaker on the Next Generation Finance for Industrial Innovation panel on Wednesday January 24th.*

[AAAS Annual Meeting](#) February 15-19, 2018, Austin, TX

*Ilan Gur will be giving a talk as part of the Reimagining the Innovation Ecosystem: Experiments to Maximize the Impact of Hard Tech session.*

[ARPA-E Summit](#) March 13-15, 2018, Washington D.C.

*Cyclotron Road will have a booth in the Partner Pavilion of the Technology Showcase*

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