

Impulse, Special Edition  
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# Welcome, Cohort Five!

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Friends and colleagues,

We're thrilled to introduce our next cohort of fellows!

These 14 exceptional scientists and engineers—selected from a record 235 applicants—are commercializing technologies to reduce energy consumption across industries and to enable next-generation computing and communications. Driven by an entrepreneurial spirit, they are focused on positively impacting society by bringing their research out of the lab and into ready markets.

Scroll down to learn about each of these remarkable individuals and their technology innovations or [read their detailed bios and project descriptions on our website.](#)



Cyclotron Road Cohort Five, pictured left to right: Ryan Pearson, Cara Beasley, Jesse Adams, Matthew Ryan, J Provine, Christina Boville, Cody Finke, Adrian Albert, Avish Kosari, Armin Jam, Parker Gould, Mitchell Hsing, Amir Atabaki. Not pictured: Raj Bhakta | Thor Swift - Photographer

As Cohort Five settles in, we are looking ahead to the next application round. Do you know an entrepreneurial scientist or engineer who is driven to commercialize game-changing technology for the advanced manufacturing, clean energy, or microelectronics sectors? Is that person you? We'll begin accepting applications for Cohort Six this fall, and interested applicants should [sign up for an informational webinar](#) on our website. The next webinar is Tuesday, May 28th, at 1pm Pacific Daylight Time.

We will open applications in the fall, but [you can pre-apply now](#).

One last thing: we'll be hosting a special event to connect with potential applicants this summer—details coming soon.

As always, thank you for your continued engagement and support.

Onward,

The Cyclotron Road team

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## Cohort Five Fellows ...



**J Provine and Cara Beasley** | [Aligned Carbon](#)

Aligned Carbon's precision single-walled carbon nanotubes will enable 1000x improvement in computing performance through ultrafast and efficient three-dimensional chips.



**Christina Boville** | [Aralez Bio](#)

Aralez Bio uses engineered enzymes to expand the scope of products that can be produced bio-renewably.



**Cody Finke** | [Brimstone Energy](#)

Brimstone Energy has developed a platform for low-energy electrochemical production of hydrogen, based on the co-generation of other key commodities, including sulfuric acid and cement.



**Ryan Pearson and Matthew Ryan** | [Cypris Materials](#)

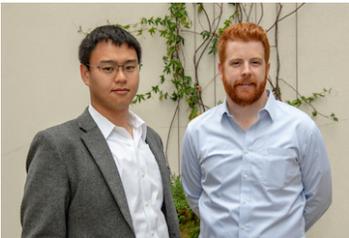
Cypris Materials creates paintable optical coatings that can be used for heat mitigation on the building envelope or serve as a replacement for pigments and dyes.

**Jesse Adams** | [FlatCam](#)

FlatCam is developing ultracompact, inexpensive

**Raj Bhakta** | [Funxion](#)

Funxion's energy-efficient manufacturing process seamlessly integrates smart materials, sensors, and circuitry onto fabrics without altering the look, feel, and function of the fabric.

**Mitchell Hsing and Parker Gould** | [Inchfab](#)

Inchfab is a platform enabling fabrication of the next generation of micro- and nanoscale technologies.

**Amir Atabaki** | [NuSight Photonics](#)

NuSight Photonics develops optical sensors for material analysis to address global challenges in industries including security, food and drug safety, and health monitoring.

**Armin Jam and Avish Kosari** | [SkyGig](#)

SkyGig's advanced wireless technology paves the way to 5G and broadband communications in the global race to ubiquitous connectivity.

**Adrian Albert** | [Terrafuse](#)

Terrafuse develops physics-informed AI technology



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