

Activate

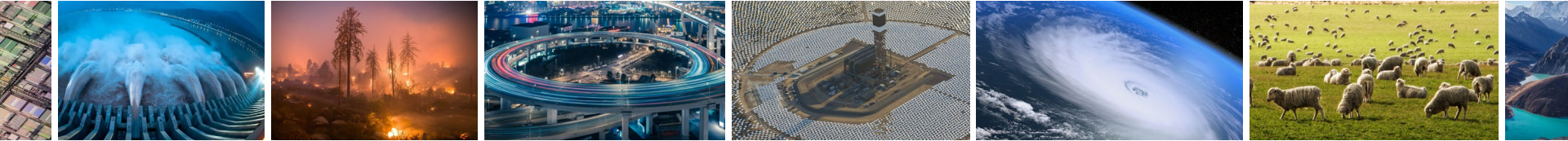
For scientists on a mission.

UIDP Face2Face - March 29, 2022

The world needs scientists, now more than ever.

For humanity to thrive in the face of climate change and other global challenges, we need to reinvent our economy to be sustainable, resilient, and equitable.

To do that, we'll need scientists to bring their groundbreaking research to market as new products and businesses faster and with more impact.



Our Mission



**We empower scientists to reinvent the world by
bringing their research to market.**

Activate

A network of the world's top scientists distributed across four communities in partnership with the world's top research institutions.



Time & Funding

A Two-Year Fellowship

- Fellows turn research into a first product and secure financing
- \$80K-\$110K/yr stipend, travel allowance, health insurance
- \$100K in R&D funds



An Expert Community

Advisers, Partners, and Champions

- The Activate Fellowship team and managing directors
- An unparalleled network of scientists, engineers, technologists, and entrepreneurs
- A vibrant fellow community

World-Class Tools for Scientists

World-Class Research Labs

- Hard-to-access facilities
- Work with experts and facilities while retaining IP rights

Entrepreneurial Education

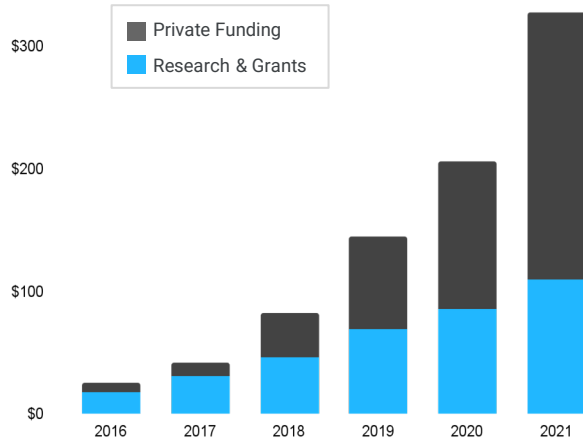
- Regular guests
- Custom-built curriculum
- Intensive mentorship, workshops, virtual classes, and professional development services

**We've taken 103 scientists from zero to one,
helping them start 74 impactful companies.**



The Activate Fellowship works.

Since 2015 our **103 Activate Fellows** have created **74 science-based companies**, some of which will go on to change the world.



Activate Fellows Cumulative Follow-on Funding (\$M)

\$ **370M**

In follow-on funding

96% of Activate Fellow companies are still active

\$3.2M average follow-on-funding cohort companies raised during fellowship

14x leverage on every dollar spent to support the fellowships

360 new jobs created in the U.S. by Activate Fellows



SELECT ACTIVATE FELLOWS

We are focusing our efforts in three areas where we believe our work will have the most impact.



Climate Change
the defining scientific
challenge of our time



U.S. Innovation Ecosystem
the world's best environment
for science entrepreneurship



Diversity, Equity, Inclusion
the greatest opportunity to
empower scientists and engineers

A National Ecosystem at Work



Academia

National labs and universities provide the backbone of our fellowship, yielding immense opportunities for scientist-turned-entrepreneurs to find product-market fit for their scientific discoveries.



Government

Agencies charged with setting long-term investment strategies, aligned with federal or local interests, work with Activate to increase the size of high-risk, high-reward markets.



Corporations

Activate connects startups to the private sector. Corporate partners and investors can propel a new venture's early growth into the market.



Philanthropy

World-class foundations partner with Activate to advance their missions around climate, energy, science, and environment by catalyzing their capital into growing our fellows' companies.



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Translational Research Experience (TRE)

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What we know:

Only **2.3%** of all new Ph.D.s awarded by U.S. universities in the natural sciences and engineering were to African Americans and only **3.7%** to Hispanics.¹

¹ Freeman A. Hrabowski III and Peter H. Henderson (July 29, 2021). Nothing Succeeds Like Success. Issues in Science and Technology. <https://issues.org/nothing-succeeds-like-success-underrepresented-minorities-stem/>.

Our hypothesis:

Immersing baccalaureate-level scientists from underrepresented communities to a year of translational research **earlier on** will provide the **knowledge, networks, and experience** to advance a career in translational science innovation either by pursuing a graduate degree or joining a science-based industry effort.

What we are proposing:

Activate proposes a **program** in which **undergraduate** STEM students are immersed in **entrepreneurship** by working directly with our fellows in their companies.

Our Vision:

We Give Them Time

A One Year Program

We know that a few weeks at an internship is **not** enough. We built this unique program to give *undergraduate* students the time they need to explore working at a startup and choosing a path that works for them.

Game-Changing Tools

Entrepreneurial Education & Mentorship

Intensive mentorship and workshops-built for students to rethink how they approach what is next from an entrepreneurial point of view.

We Give Them Support

Fully Paid Stipend with Additional Benefits

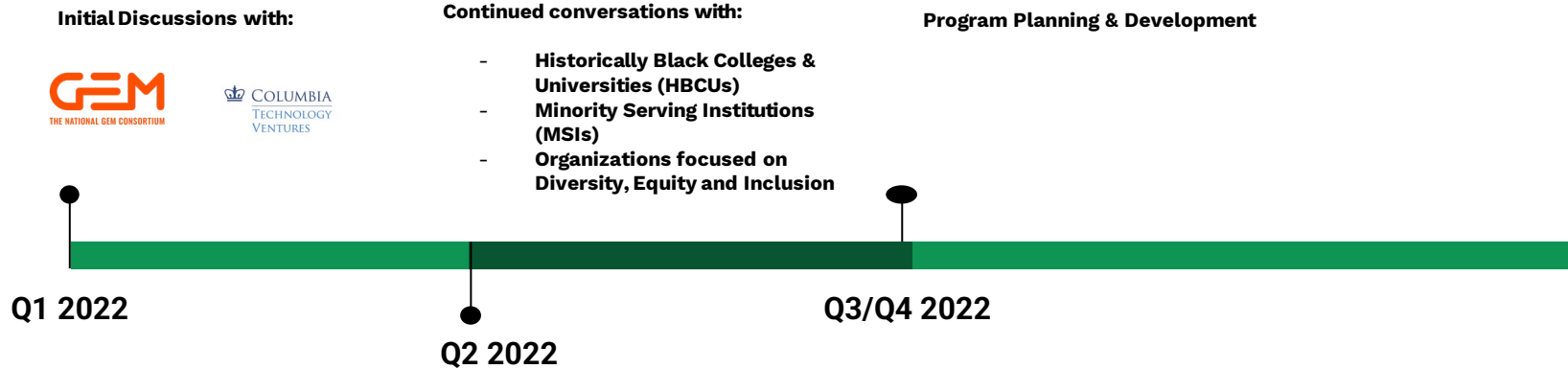
This program is fully paid. Relocation costs, living stipend, health insurance, and a small travel allowance for the full year.

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What is next:



Proposed Program Launch Timeline:

- January - March 2023: **Recruitment**
- April - June 2023: **Selection**
- July: **Orientation & Programming**
- July 2023 - May 2024: **Programming**
- May - June 2024: **Offboarding**

Open Discussion

What we hope to learn:

Universities	Industry	Other (non-profits, government, ...)
<ul style="list-style-type: none">- General landscape of internships and how you currently work with undergraduate students	<ul style="list-style-type: none">- How can a program like TRE fit into your organization?	<ul style="list-style-type: none">- Are there any similar programs out there looking at internships from this angle?

For all three:

- Challenges with Diversity, Equity and Inclusion
- Best practices for reaching underrepresented groups

Questions?

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