

materialize

NEW YORK

Position: Materialize NY Venture Fellow

Timeline: November 1, 2023 – March 31, 2024

Time commitment per week: 3 – 6 hours

ABOUT

Materialize New York is a deep tech accelerator jointly operated by [Material Impact](#) (MI) and [Columbia Technology Ventures](#) (CTV) aimed at solve meaningful engineering challenges in the areas of Sustainability, Data Storage, Robotics & AI/AR, Food & Water, Transportation & Mobility, and Underrepresented Healthcare. Inaugural participants of this accelerator are small teams of graduate students, postdocs, undergraduates, and principal investigators (PIs) from different scientific disciplines across Columbia who will receive curated access to training and mentorship from experienced MI entrepreneurs to grow potential ideas into a viable start-up. Participating teams will also attend a Materialize New York Boot Camp, consisting of interactive learning sessions and office hours. The aim of the accelerator is to prepare the teams for their startup journey by building a strong commercialization strategy, creating a robust startup pitch deck, and directly involving knowledgeable Venture Fellows to assist with due diligence.

In collaboration with the Columbia Business School, we are seeking outstanding **Materialize NY Venture Fellows** to work alongside Boot Camp teams to de-risk their innovation from a business perspective (customer identification, product-market fit, market size, feasible milestones, etc). Some responsibilities of the Venture Fellow include shadowing teams, participating in group discussions, ideating pitch deck content, recording notes for MI instructors, and organizing bi-weekly 1:1 office hours for teams. This is an unpaid opportunity for Venture Fellows to work closely with a hands-on venture capital firm on a high-profile initiative, directly support scientific teams in launching their startup, and gain exposure to the larger deep tech ecosystem.

STRONG APPLICANTS SHOULD

- 1) Be an entrepreneurially minded Columbia Business School MBA or Executive MBA student (required).
- 2) Possess a strong background in physical sciences and/or experience in one of the accelerator's areas of interest listed below (preferred, but not required).

MATERIALIZE NY AREAS OF INTEREST

Deep technology innovations with a strong competitive advantage geared towards addressing large enduring needs in areas, including but not limited to:

- [Biomanufacturing and Sustainable Products](#)
[To minimize environmental impact, utilize biomaterials and feed the circular economy]
- [Sustainable Food and Water](#)
[Breakthroughs in access to healthy, safe and affordable food and water sources]



- [Data Storage and Security](#)
[Technologies to ensure the resilience and protection of data and information]
- [Robotics, AI, and Augmented Reality](#)
[Innovations that augment the capabilities of industry and individuals]
- [Transportation and Mobility](#)
[Novel ways to transport and protect people, goods and technologies]
- [Underrepresented Healthcare](#)
[Consumer-driven, democratized and distributed health information]

HOW TO APPLY

Please submit the respective Venture Fellow form at [MaterializeNY.submittable.com](https://materializeny.submittable.com) **by 11:59 PM ET on Wednesday, October 11, 2023**. You will need to attach your resume and write a short paragraph (5 -7 sentences) describing how this opportunity fits into your professional goals. *Please allow time to create a Submittable account if you do not already have one.* You are encouraged to submit your application as soon as possible.

Please reach out to Sherry Bermeo, CTV Program Manager, at sherry.bermeo@columbia.edu if you have any questions.

INFORMATION SESSIONS

- (1) IN PERSON: Wednesday, September 20 at 12 PM at Columbia Business School
- (2) VIRTUAL: Thursday, September 28 at 3 PM through Zoom

Please RVSP [here](#) if you plan to attend either session. Details and location will be sent. Registration for the in-person session will be closed once maximum capacity is reached.