

## Who We Are

The Sensor Center for Advanced Technology (CAT) provides matching funds for collaborative research partnerships between New York State companies and the City University of New York (CUNY). The program supports early-stage technology development on the pathway from the lab to the marketplace.

## Upcoming Events

**Save the date:** Wednesday  
April 19, 2023

2nd Annual CAT Symposium,  
ASRC Earth Week events  
Registration details will roll out  
soon!



## Opportunities Highlight



**Communitas Ventures**  
Accelerator Cohort 10 Application  
Due: February 6, 2023



**LifeSci NYC Internship for CUNY  
Students**

Deadline: March 26, 2023



**NYS Launches new Pre-Seed and  
Seed Matching Fund Program**  
[More details on NYS Website](#)



[www.ASRCSensorCAT.com](http://www.ASRCSensorCAT.com)



## Message from the Team

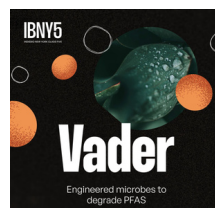
As we embark on the new year, the CAT enters an exciting stage of expansion. Many of the ideas that once filled our draft board have been tested, piloted, and are now ready for use. For instance, are you a company looking to engage with CUNY for the first time? We created the **JumpStart** program where funding is available for proof-of-concept studies or to assist a promising startup achieve short-term tech development milestones together with service support from a CUNY lab. Are you a CUNY STEM graduate student? Our **Tech Transfer Course** with Baruch College's Field Center of Entrepreneurship (upcoming Fall '23) helps to develop useful career skills and explores the commercialization of lab tech. It's an exciting time in NYS as investment grows in the areas such as Biotechnology, Green & Sustainable Energy, and Semiconductor technology to name a few. We welcome you to connect with us and become a part of our growing community as we join together with CUNY to support science innovation and opportunities in the state.

-Tavis Ezell

[Director, Business Development](#)

## Company Stories

### Vader Nanotech



Sensor CAT established Vader Nanotech's first collaboration with CUNY and the ASRC.

This relationship began with collecting images from a Scanning Electron Microscope (SEM) in the [ASRC Imaging Facility](#) with Dr. Tong Wang and Dr. Sheng Zhang's support and expanded to the [Mass Spec facility](#) with Dr. Rinat Abzalimov's expertise for analytical chemistry to develop their propriety LC-MS protocol to monitor PFAS concentrations.

This is a successful example of the CAT's new Jumpstart program supporting early-stage NYS companies by introducing them to the wealth of resources within CUNY. Vader was accepted into SOSV's IndieBio NY Class 5. Check out their [demo day online Feb. 7!](#)



Image: Vader Nanotech CEO, Trevon Gordon, meeting with ASRC Structural Biology's Dr. Rinat Abzalimov

If you want to learn more about Vader or if you are an early-stage startup and would like to learn more about CAT's programming, contact us!

## Sensor CAT News/Updates

*Welcome to the team!*

Join us in welcoming our new Program Coordinator and STEM Workforce Development Coordinator, Yuki X. Chen and Tasnim Jackson!

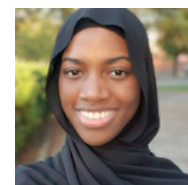
### Yuki X. Chen, Program Coordinator



Yuki is a proud 2x CUNY alum having received her undergraduate and graduate degrees from CUNY. Yuki is excited about working with innovators to address pressing issues surrounding our world through applied research.

[Connect with Yuki!](#) [in](#)

### Tasnim Jackson, STEM Workforce Development Coordinator



Tasnim received her B.S. in Biology with minors in Secondary Science Education and Psychology from the City College of New York. Tasnim has always been passionate about science, education, and bridging opportunity gaps for individuals from underserved communities.

[Connect with Tasnim!](#) [in](#)



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