



CNY BIOTECH ACCELERATOR (CNYBAC)
UPSTATE MEDICAL UNIVERSITY
SYRACUSE, NY

MEDICAL DEVICE INNOVATION CHALLENGE (MDIC)

MDIC Team Milestones

2017

EndoGlow – Tissue Reveal Technology™ (<https://www.endoglow.com/>)

- Named by Med Tech Outlook as a Top 10 Minimally Invasive Device Solution Company

2018

Avant Medical Systems

- Marketed their smart backboard technology with industry partners Health O Meter and Marsden

AcceliPHI (subsidiary of ANDRO)

- Gained patent for spinal device for individuals suffering from chronic back injuries

2019

Aurie – Reusable Intermittent Catheter System (<https://livewithaurie.com/>)

- Won FuzeHub Commercialization Competition Award
- Awarded FuzeHub Manufacturing Grant
- Awarded Small Business Innovation Research (SBIR) grants from National Science Foundation and National Institute of Disability, Independent Living and Rehabilitation Research
- Accepted into VentureWell ASPIRE MedTech Program, raised \$750K in funding through pre-seed round led by Lakehouse Ventures
- Received FDA Safer Technology Designation from FDA
- Accepted into Harvard Innovation Labs' Launch Lab X GEO Program
- Serves as an MDIC Mentor
- CNYBAC Virtual Client

ZEPHYRx® – Spirometry Technology/Remote Patient Monitoring (<https://www.zephyrx.com/>)

- Received National Heart, Lung, and Blood Institute (NHLBI) SBIR grant for development and testing of breath-controlled video game for respiratory therapy
- Resident company of Johnson & Johnson Innovation, JLABS, life science incubator program
- Grew from 2 employees to 15 full-time employees
- Pivoted to bring telemedicine to lung patients during pandemic with unique software program for at-home pulmonary function testing; exploded nationally in telemedicine market
- Cystic Fibrosis Foundation purchases devices for every patient with cystic fibrosis in the US
- CNYBAC Virtual Client

MedUx

- Accepted into MassChallenge Boston Accelerator
- Placed 2nd in ACC InVenture Prize Competition

Halomine – Rechargeable Antimicrobial Technology (<https://www.halomine.com/>)

- Cornell University spin out company
- Funding support through Cornell Center for Materials Research (CCMR)
- Joined Plug and Play Tech Center and New Materials 2020 Accelerator Program
- Accepted into IndieBio inaugural NY program
- Awarded \$1M NSF SBIR Phase II grant to advance product development
- Hired Dr. Xuehong Ren, one of the world's leading authorities on synthesized monomers polymers and N-halamine chemistries as Chief Scientific Officer

2020

Vita Innovations

- Won A.I. Health Hackathon, Weill Cornell Medicine
- Won 46th Annual Business Today International Conference Impact Challenge
- Accepted into Blackstone & Techstars LaunchPad Fellowship
- Accepted for Phase 2, Values and Ventures Competition
- Accepted into TheStartupStation
- Collaborating with Hudson Valley Advanced Manufacturing Center and MTEC
- Awarded Cornell University Student Business of the Year (2021)
- Selected for Verizon and Clinton Global Initiative 2021 Social Innovation Challenge

2021

MindTrace (3D Neurosurgery Brain Mapping Technology)

- Accepted into AlphaLab, Healthcare and life sciences accelerator
- Working with SUNY Upstate Medical University neurosurgeon and Co-director of Upstate's brain tumor program, Dr. Harish Babu, for clinical studies
- Completed first stage of FDA Payor Communication Task Force
- Pre-sub planned with FDA to submit via Breakthrough Device Designation

Rubitection (Skin Health Assessment Technology)

- Presented at Medica Health Tech Conference
- Selected as a finalist, Women of Color Health & Wellness Pitch

JelikaLite (Precision Autism Technology)

- Won FuzeHub Commercialization Competition Award
- Completed pivotal clinical trial, presented results at Rutgers University Autism Conference
- Presented at 68th Annual Meeting of American Academy of Child and Adolescent Psychiatry
- Presented at Symphony Conference, Brain Foundation
- Submitted to FDA as Breakthrough Device Technology

Dancing Eyes (Eye Movement Disorder Technology)

- SUNY Upstate Medical University faculty-founded startup company
- Completed University of Rochester regional I-Corps program
- Working with Rensselaer Polytechnic Institute (RPI), Student Engineering Capstone Program