

## Business Innovation Team



## Astrofilter, USA (North Carolina)

Jennifer Ye, Rindha Sudhini, Shravya Sompalli, Sriya Mantena & Timothy Anglin (Advisor)



Astrofilter is a self-cleaning filter designed to remove debris from spacecraft ventilation systems, increasing the efficacy of CO<sub>2</sub> removal units.



## Business Innovation Team



# AYES GROUP (BILLSTANT), Turkey

Arda Akbulak, Ceki Franko (Advisor), Eda Balcioglu, Selin Sayiner & Yaman Ildem



We provide sensors and an app to customers to allow them to track their bills instantaneously and increase environmental sustainability.



## Business Innovation Team



# Biodegradable bubble tea straws, USA (Minnesota)

Aunika Zheng, Martha Rush (Advisor), Michael Gennaro, Sanjana Pattanaik & Savannah Guiang



Our company provides biodegradable bubble tea straws that preserve the function, quality and convenience of a regular plastic straw.



## Business Innovation Team



# BlueAngel, USA (California)

Amanda Liu, Angela Liu & Xiaoqing He (Advisor)



BlueAngel is a respiration monitor and analysis device for obstructive sleep apnea screening.



## Business Innovation Team

# Buzz Brella, USA (Virginia)

Cassidy Collins, Christen Mamenko (Advisor) & Claire Hollingsworth

@\_CASSIDY\_COLLINS\_

@BUZZBRELLA

**Diamond Challenge  
participant Cassidy  
came all the way from  
Virginia!**

The Buzz Brella is a beach umbrella with built-in Bluetooth speakers.

## Business Innovation Team



## Cocovera filter, Vietnam

Chaewon Lee, Michael Williams (Advisor), Sungkyu Jin & Vinh Nguyen

Cocovera filter is a cost-effective and biodegradable air filter made of coconut and aloe vera gel to capture particulate matter.



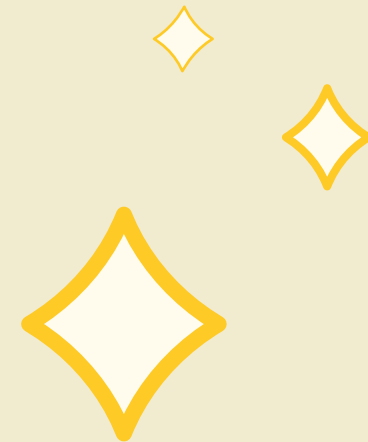
## Business Innovation Team

# Cognality, USA (California, Virginia) & Puerto Rico

Ben Jen (Advisor), Espen Garner, Gianna Valencia & Ian Kim



Cognality provides cutting edge rehabilitative technology to autistic children by using virtual reality calming scenes to prevent sensory overload meltdowns.



# **Collabo, Hong Kong**

Eunice Meng, Jolyn Yin, Owen Zhao & Sibyl Hu (Advisor)

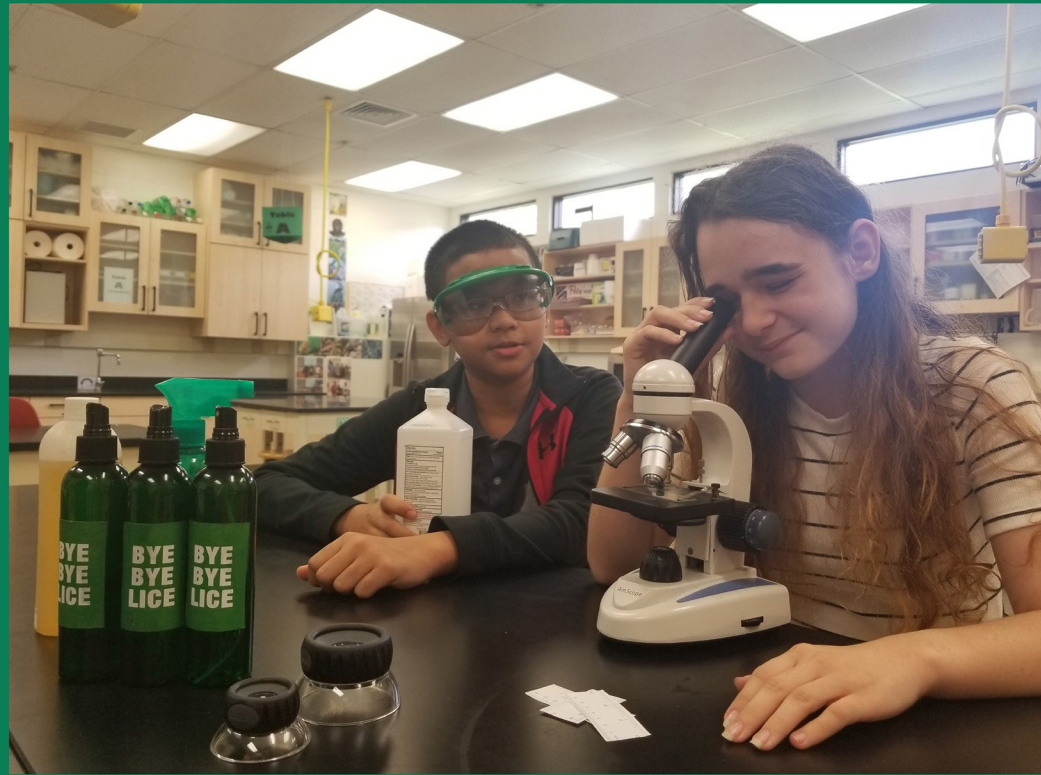


Revolutionary  
freelancing platform  
for new media  
creators to connect,  
collaborate and  
capitalize.



# Ditch Dat!, USA (Hawaii)

Annamaria Miru (Advisor), Summer Royal & Thomas Noochan



Our novel, patent-pending pediculicide (headlice treatment) invention kills headlice and headlice eggs in a safe, effective, affordable and eco-friendly manner.

## Business Innovation Team



## Driver Vision, USA (Washington)

Mandakini Bhatia (Advisor), Sayan Bhatia & Sohil Bhatia

Driver Vision is a device accompanied with a mobile app that directly provides a solution to hazardous driving.



## Business Innovation Team



## e-Canne, Haiti

Beverly Bourgoïn, Nayelie Caëlle Lemonier, Serge-Richard Petit-Frère (Advisor),  
Shamma Petit-Homme & Vanessa Jennifer Constant

e-Canne is armed with a GPS, a personal assistance and a motion detector to allow the blind to brave street dangers.



**Business Innovation Team**

# **Envilytics,** Lebanon & Libya

Alex Abchee, Chafic Clement Akhras & Jad Al-Fakhani (Advisor)



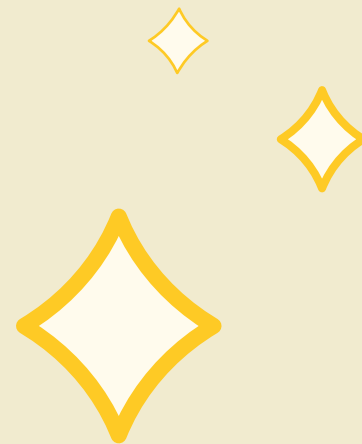
An AI powered software that indicates student's social problems for schools to take action.

# **Fision Lens, USA (Illinois)**

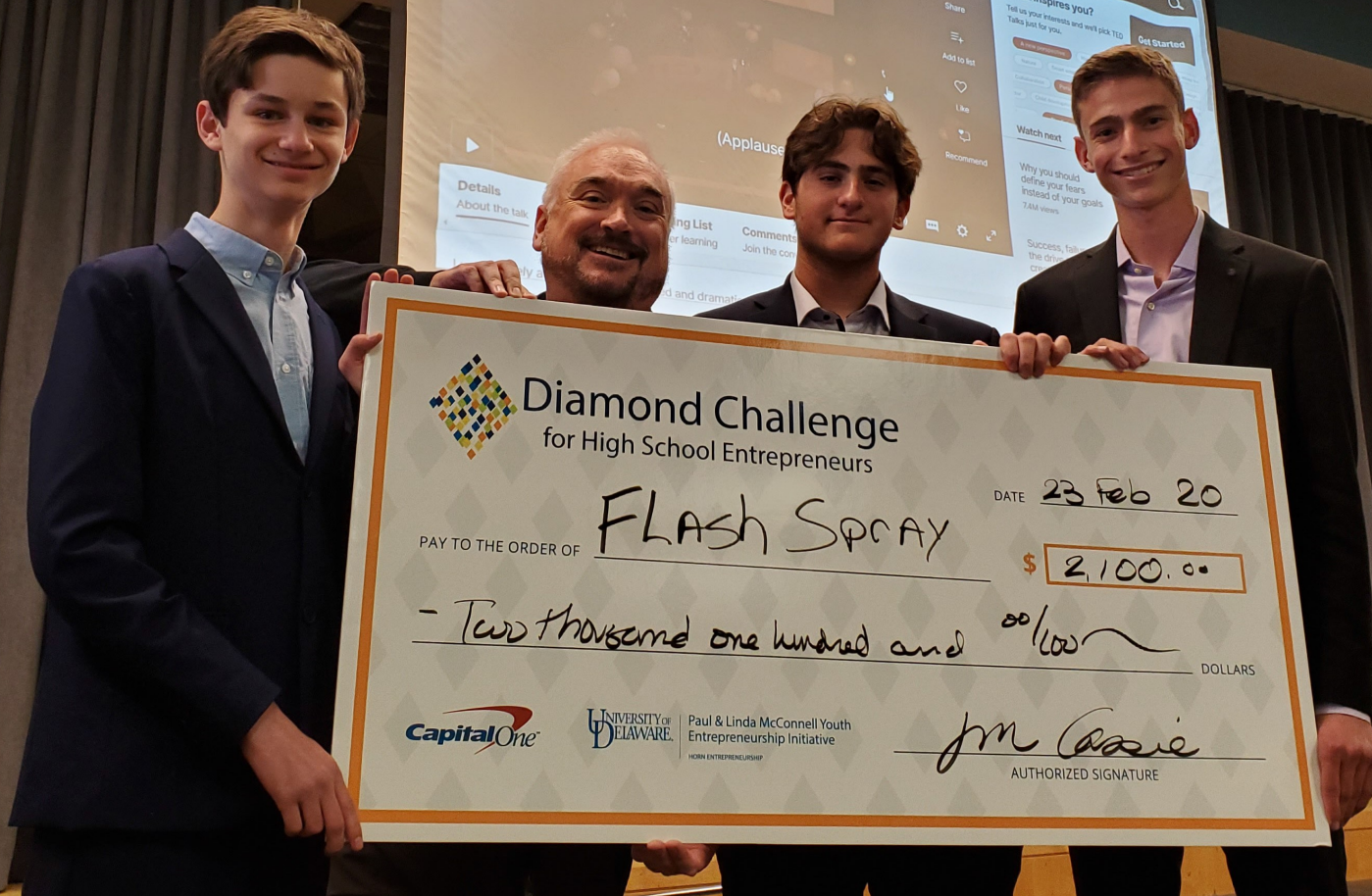
Emily Shao, Eva Tuecke, Karla Horsch (Advisor) & Krisha Patel



Fision is a thin, film-like plastic that adheres directly onto the surface of existing glasses lenses to make prescription updates.



# Business Innovation Team



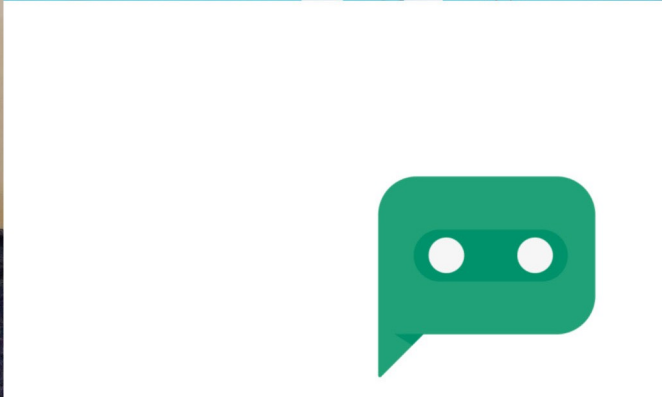
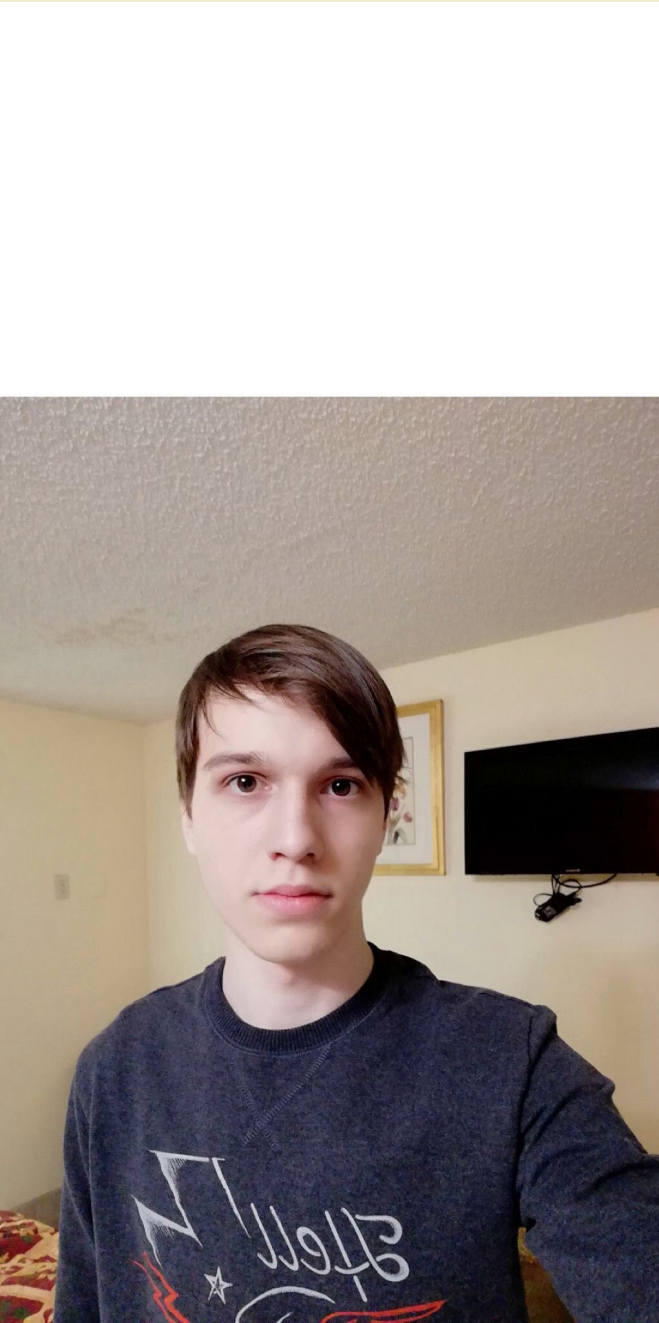
## Flash Spray, USA (California)

Eyal Gavshon, Jared Maister, Jeffrey Reinharz & Jonathan Cassie (Advisor)

Flash Spray is a pepper spray device that takes a picture of the suspect and sends it to the police.

# Gradder, Ukraine

Andrii Chemerysov, Olha Suslo (Advisor) & Volodymyr Budkevych



Gradder enables students and their parents to spot downward trends in school grades while saving time for form tutors.

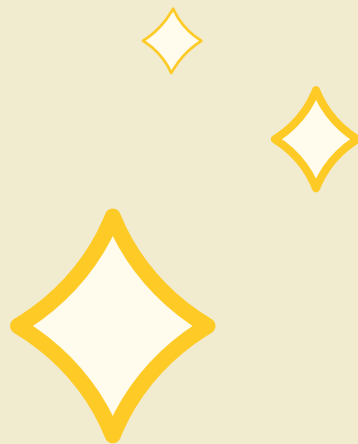
## Business Innovation Team



# Hush Audio Technologies, Canada

Hamad Sultan, Keenan Gugeler, Pardeep Dwivedi (Advisor), Tyseer Toufiq & Yuvraj Dwivedi

Hush is a trailblazing module capable of inexpensively adding the luxury of active noise cancellation to any headset.





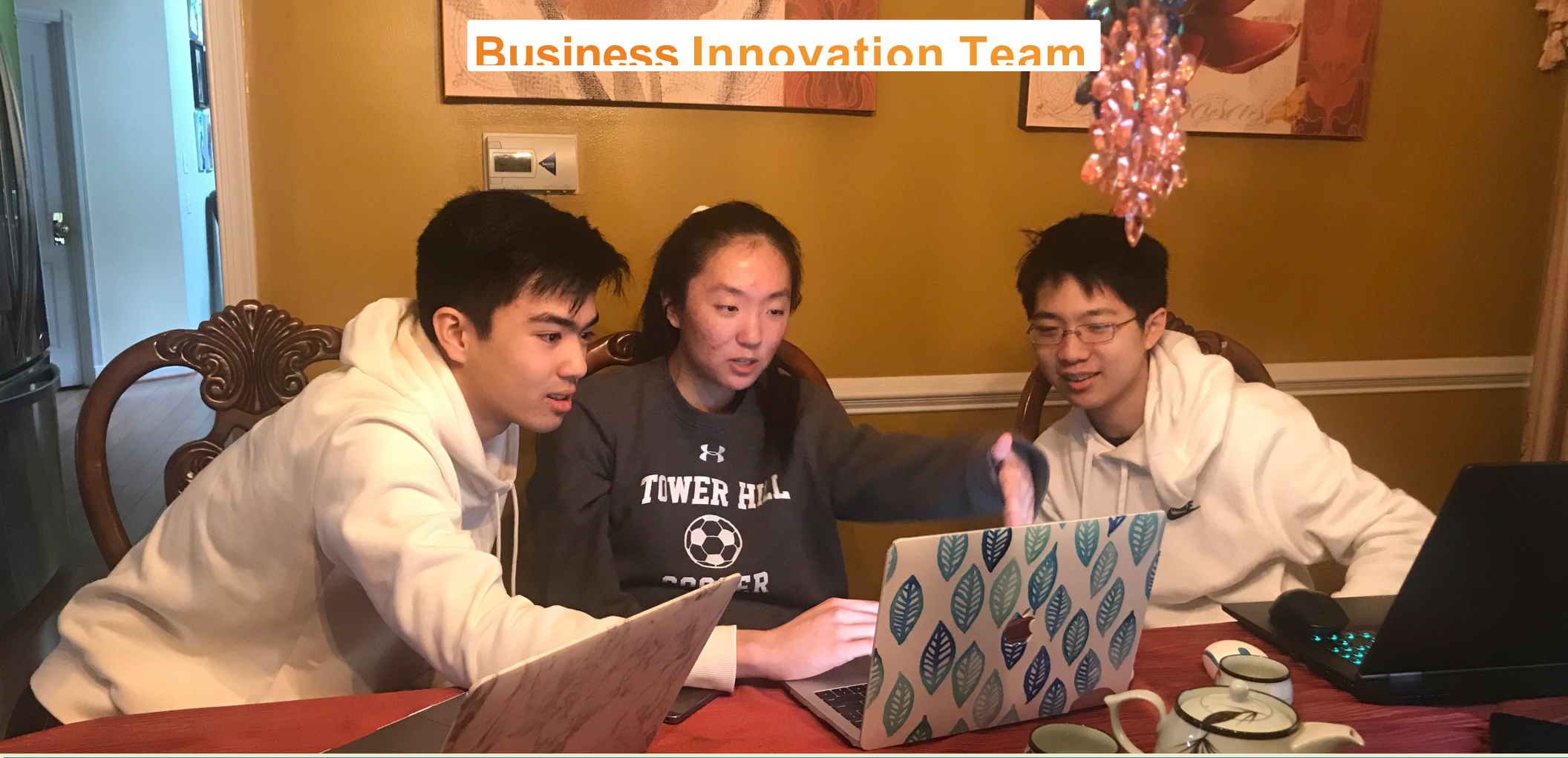
# H2O saving, Spain

Héctor Gonzalez (Advisor), Marta Domínguez & Sira Fernandez



H2O saving is the company that cares for water, for the environment and for our future.

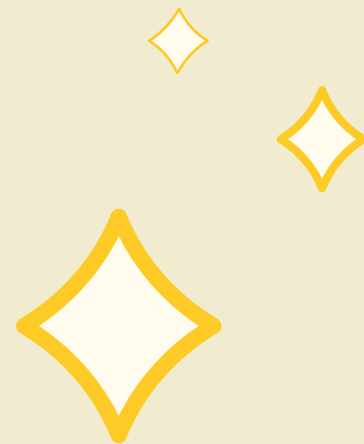
## Business Innovation Team



# InteliTrack, USA (Delaware)

Alicia Cai, David Yan, Vincent Cai & Yushan Yan (Advisor)

InteliTrack integrates facial recognition and GPS to simultaneously track students and school buses to create a safer student transportation system.



## Business Innovation Team

# Jaja's Tea, USA (Delaware)

Meghana Yarlagadda, Nonthawan Nirotkonsuk & Taquil Foster Lewis (Advisor)



“Jaja’s Tea” offers quality tea for sale while supporting ovarian cancer by having a portion of proceeds go towards families.

## Business Innovation Team



## Jottle, USA (Maryland)

Ali Rohrs, Amanda Vu, Heather Barnstead (Advisor), Teagan Schumann & Yasmeen Hembree

Jottle is a website-based platform that aids students in taking easy, interactive, and memorable notes.



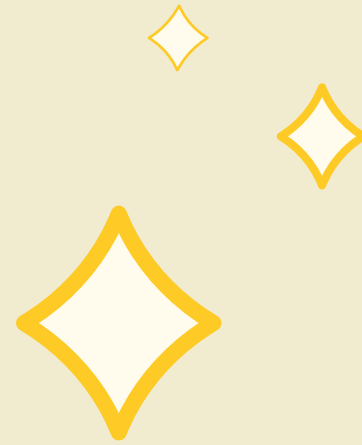
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# Locare, USA (California)

Aayushi Jain, Dolly Jain (Advisor) & Pranav Kirti

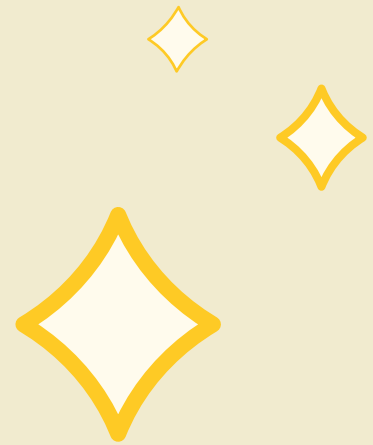


Locare is a smart band tailored to special needs children with a complementary mobile application.



# Mosquito Trapping + Emergency Bulbs, Ghana

Agyeiwaa Afia Nyamekye, Grace Thelma Awortwe, Ishmael Yussif (Advisor) & Shinelle Dampare



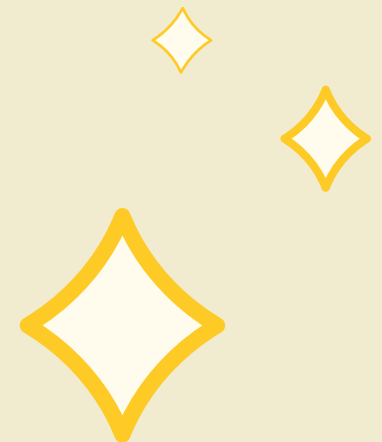
The Mosquito Trapping+Emergency LED Bulbs have specialized resistors that attract and trap mosquitoes and 9V battery for power outage use.

# OpenTab, Kenya, Mauritius, Morocco & South Africa

David Tait (Advisor), Emmanuel Mutuku, Mpho Montsho, Skylar Redecke & Thaksheel Alleck



OpenTab alleviates the difficulties with club operations by increasing the customers' experience using RFID technology.



# Penrose, China

Jun Yang Wang, Lan Sheng & Weilin Zhai (Advisor)



Penrose is an online book store that trades second-hand textbooks for foreign education systems.



## Rebat, Egypt

Abdul Rahman Rihan, Adham Abo El-Magd, Ammar Nour (Advisor), Hazem Sherif & Pavly Halim

BRITISH COUNCIL Develop Inclusive and Creative Economies  
Main Funding Supporter

teens club

Rebat

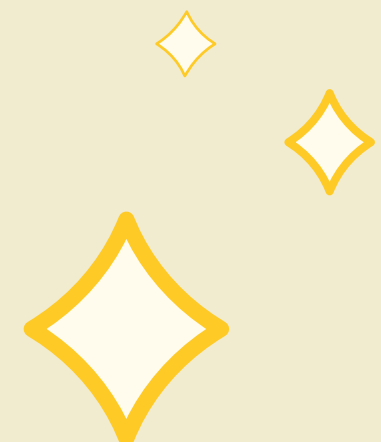
The Greek Campus

2030 INCUBATOR Loading your next step

Art For Social Change

Demo Day 18<sup>th</sup> Dec.

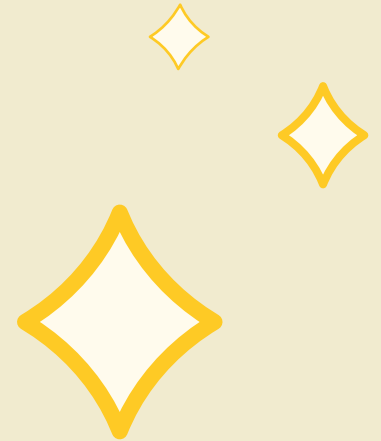
A mobile application that connects customers with a network of food retailers that offer surplus food in half the price.



# Science Crusades, USA (California, Texas, Virginia) & Philippines

Christine Sinn, Grace Sinn (Advisor), Ikerla Olandesca, Kate Joukovski & Mackenzie Schultheis

WE ARE  
**ARCADED**  
Product: Science Crusades



Science Crusades is a multi-platform role-playing game teaching high school science through virtual experiments, gamified assessments, and interdisciplinary, interactive lessons.



# Seloju Fish Farming, Liberia

Junius Koryon, Louise Kolleh, Richard Jah (Advisor) & Sema Williams



## Team:



**Sema M. William**  
Manager  
SELOJU Fish Farming (SFF)  
Kakata, Margibi County, R/L



**Louise M. Kolleh**  
Secretary  
SELOJU Fish Farming (SFF)  
Kakata, Margibi County, R/L



**Junius P. Koryon**  
Accountant  
SELOJU Fish Farming (SFF)  
Kakata, Margibi County, R/L



**Mentor/Advisor**  
Mr. Richard D. Jah  
SELOJU Fish Farming (SFF)  
Kakata, Margibi County, R/L

A concept that creates healthy and sustainable fish farming and harvesting opportunities in Liberia.



## Business Innovation Team



# Snitch, India

Anjali Navraj, Anvita Rother Pal & Shefali Saluja (Advisor)

A safety and 'self-help' device for women enabling to attack an oppressor by releasing a gas which makes him/her unconscious.



**Business Innovation Team**

# Solarphone Solarenergy, Nigeria

Abasifreke Sunday, Caleb Essien, Nduese Ebong (Advisor) & Wisdom Edighienyong



We are a mobile phone solar charging system.





# Sound: The Alternative Fire Extinguisher, USA (New Hampshire)



Joshua Gao, Kaitlyn Lee (Advisor) Samuel Greenberg & Srisahith Korandla



SAFE  
revolutionizes the  
fire extinguishing  
industry with  
the creation of a  
fire extinguisher  
that utilizes  
sound waves to  
extinguish fires.

# Business Innovation Team

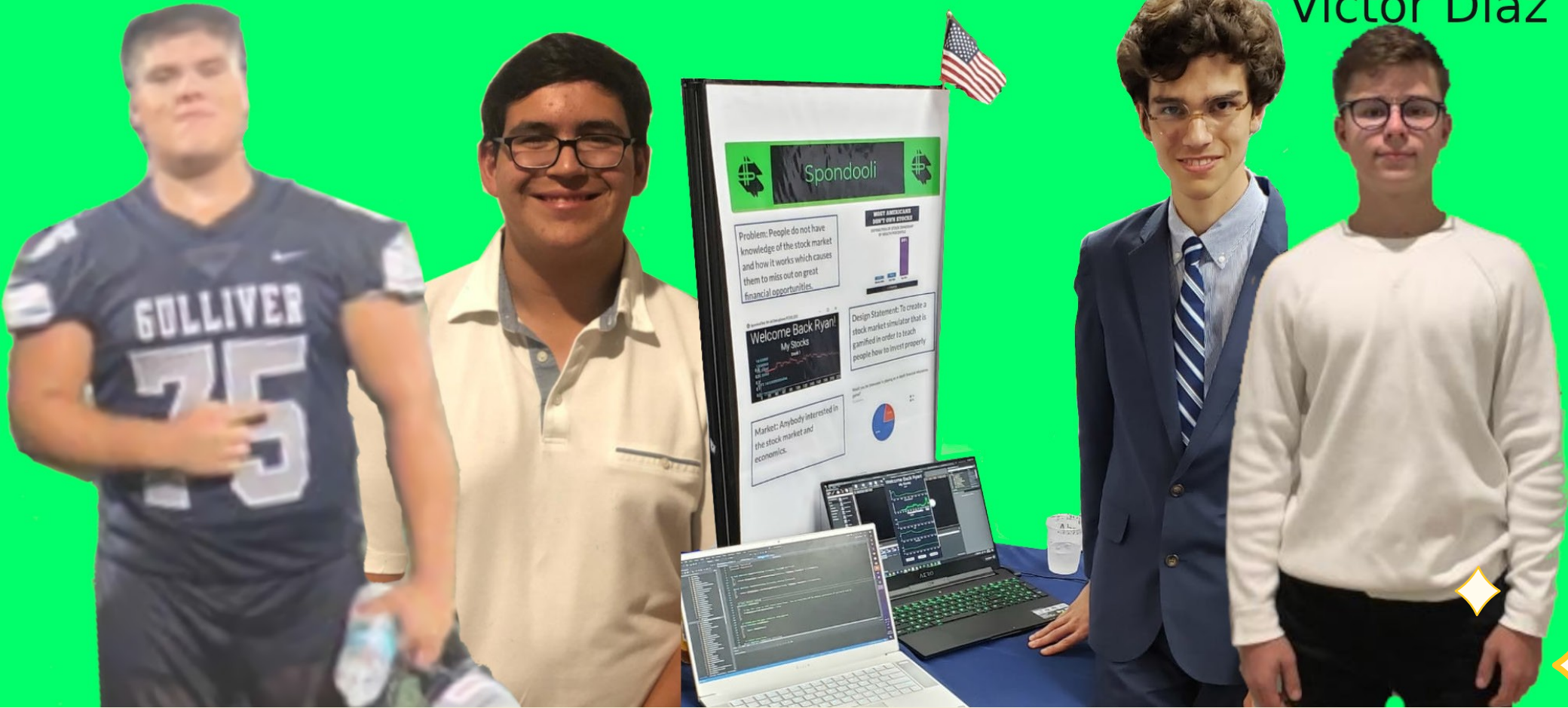
## Spondooli, USA (Florida)

Diego Torres Platt, Josue Basterra (Advisor), Matthew Antezana, Ryan Gibeau & Victor Diaz Gessner



Matt Antezana Diego Torres-Platt

Ryan Gibeau  
Victor Diaz



Spondooli is an educational game that increases financial literacy through the stock market, and in doing so drives financial inclusion.



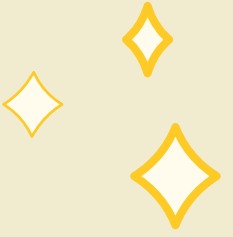
# Stadium Ways, USA (Massachusetts)

Pratik Gazula, Ritvik Pulya, Rohan Khurana & Sastry Pulya (Advisor)



Stadium Ways decreases wait times by directing users to the shortest bathroom and concession stand lines at sporting events.





# Synbiolic, Canada

Alka Saxena (Advisor), Aryan Misra, Elias Kountouris & Joey Mach

## Meet our Team

### Aryan Misra

16 years old

A Y Jackson Collegiate Institute

[aryanmisra@outlook.com](mailto:aryanmisra@outlook.com)

Machine learning engineer with a passion for genomics and medicine.



### Joey Mach

16 years old

A Y Jackson Collegiate Institute

[joeym.mach@gmail.com](mailto:joeym.mach@gmail.com)

Passionate about the intersection between AI and biochemistry.



### Elias Kountouris

16 years old

Marc Garneau Collegiate Institute

[elaskountouris9@gmail.com](mailto:elaskountouris9@gmail.com)

Quantum computing and artificial intelligence enthusiast.



Synbiolic is a computational drug discovery platform that has a mission of accelerating rational drug design.

## Business Innovation Team

# The Next Step, USA (Delaware, New Jersey)

Audrey String, Erin McNichol (Advisor), Lexi Goff, Lilly Rice & Maxine String



The Next Step allows children with decreased mobility to transfer from their wheelchair to the floor using a safer method.

## Business Innovation Team

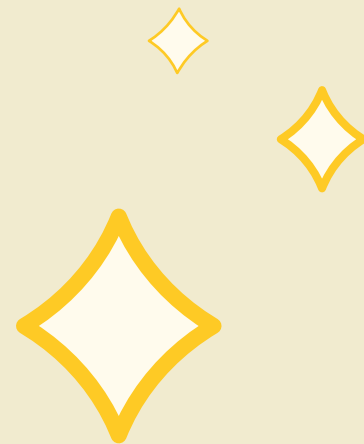


# #Tsavd-Tanem,

## Armenia

Anna Aramyan, Ellen Nazaryan, Genesis Valverde (Advisor), Mari Harutyunyan & Narek Harutyunyan

Tsavd-Tanem is a monthly subscription box offering an assortment of Armenian products for diaspora and curious minds alike.





# WorkReel, USA (Washington)

Aditya Padmaraj, Dennis Berner (Advisor), Isaac Ramirez & Srikar Chava



WorkReel is an online database that showcases vlogs and advice from employees under a variety of professions.



## Business Innovation Team

# Zero Waste Beauty Boutique, USA (Maryland)

Abboud Abboud, Calvin Stein, Deanna Smith (Advisor), Lauren Carbaugh & Stephanie Gray



A zero waste,  
environmentally friendly  
beauty and fashion  
boutique.



**Thank you to all of the semifinalists!**

We appreciate everyone who participated in this year's Diamond Challenge competition.