


Team 1: MARVL

Team 1 MARVL




Multimedia Augmented Reality Vocabulary Learning (MARVL) is an augmented reality (AR) application that teaches vocabulary in two languages simultaneously.

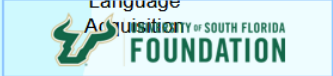
Achievement inequities for increasingly diverse students



Category	Value
US K-12 Schools	131 M
Digital Language Learning	6 Billion
Digital Language Learning (2025)	8.7 Billion






Dr. Sara Smith
Principal Investigator
PhD Second Language








Murewa Olubela
Entrepreneurial Lead
MBA



Clyde Snodgrass
Mentor
CTO Rentit; CEO VINOVO



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- PI: Sara Smith, Ph.D. / College of Education / Tampa
- EL: Murewa Olubela / Graduate Student / Tampa
- M: Clyde Snodgrass / Community

Team 2: Human Trafficking Risk to Resilience Laboratory and Data Depository

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Data Depository: A centralized unit to get accurate and reliable information to locate and communicate with community services to provide an accessible, quick, and easy way to get housing information for human trafficking survivors.



30 CUSTOMER INTERVIEWS



Meet the Team



Coleen Chaney
Mentor
Victim Advocate for
Largo Police
Department



Dr. Shelly Wagers
Principal Investigator
Assistant Professor
Main Interest:
Domestic Violence



Sarah Franklin
Entrepreneurial Co-Lead
Graduate Student
Main Interest:
Sexual Assault



Jennifer Diaz
Entrepreneurial Co-Lead
Graduate Student
Main Interest:
Human Trafficking

- PI: Shelly Wagers, Ph.D. / College of Behavioral and Community Sciences / St. Petersburg
- EL: Sarah Franklin / Graduate Student / Tampa
- EL: Jennifer Diaz / Graduate Student / St. Petersburg
- M: Coleen Chaney / Community

(Key) PI: Principal Investigator EL: Entrepreneurial Lead M: Mentor

Team 3: CBD Effervescent Tabs

BENEFICIAL BLENDS | EST. 2009

CANNABIDIOL (CBD)

Team 3: CBD Effervescent Tabs

Team 3: CBD Effervescent Tabs

Team Members

<p>Erin Meagher Founder, CEO of Beneficial Blends, LLC, Mentor Expertise: Organic Product Manufacturing</p>	<p>Dr. Yashwant Pathak, MPharm, EMBA, PhD at USF College of Pharmacy Principal Investigator Expertise: Pharmaceutical Research</p>	<p>Lexi Plummer, Mentor Expertise: Marketing, Marketing Director, Beneficial Blends, LLC</p>	<p>Safir Moizuddin, Mentor Expertise: Research and Development R&D, Beneficial Blends, LLC</p>	<p>Khushali Vashi, Entrepreneurial Lead, MPH, BDS, CPH</p>

- PI: Yashwant Pathak, Ph.D. / Taneja College of Pharmacy / Tampa
- EL: Khushali Vashi / USF Alumni / Tampa
- M: Erin Meagher / Community
- M: Lexi Plummer / Community
- M: Safir Moizuddin / Community

(Key) PI: Principal Investigator EL: Entrepreneurial Lead M: Mentor

Team 4: Welby: The Well-Being Bot



Team # 4

Welby: The Well-Being Bot

AI based interactive journaling service with health and fitness tracking

The Welby Project Team

Total Interviews:26
Corporate Interviews:9
Individual Interviews:17

+ Triparna de Vreede
Principle Investigator
Psychology &
Information Systems
Expertise: Behavioral AI



Kaushik Dutta
Mentor
Information Systems
Expertise: data
management, research
commercialization



Naif Alawi
Entrepreneurial Lead
Information Systems
Expertise: Start up Creator



- PI: Triparna de Vreede, Ph.D. / Muma College of Business / Tampa
- EL: Naif Alawi / Graduate Student / Tampa
- M: Kaushik Dutta, Ph.D. / Muma College of Business / Tampa

(Key) PI: Principal Investigator

EL: Entrepreneurial Lead

M: Mentor

Team 5: Academic Virtual Assistant (AVA)

**Academic Virtual Assistant (AVA)
is an embedded chatbot**

Reginald Lucien
Principal Investigator

Courtney Wilkerson
Entrepreneurial Lead

Team #5
EDGY Knowledge Solution

Total Number of interviews 33

NSI | CORPS
NSF Innovation Corps

UNIVERSITY OF SOUTH FLORIDA

- PI: Reginald Lucien / Judy Genshaft Honors College / Tampa
- EL: Courtney Wilkerson / USF Student / Tampa
- M:

Team 6: TABATHA (mental health chatbot)



Team TABATHA (#6)



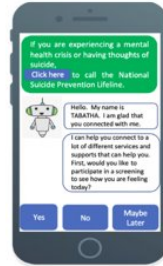
Jerome Galea – Co-PI



Tanner Baeder –
Entrepreneurial Lead & GA



Kristin Kosyluk – Co-PI



Product Description

TABATHA – A chatbot to screen COVID-19 responders for mental health needs and provide navigation and linkage to resources tailored to one’s preferences and care needs.



- PI: Kristin Kosyluk, Ph.D. / College of Behavioral and Community Sciences / Tampa
- PI: Jerome Galea, Ph.D. / College of Behavioral and Community Sciences / Tampa
- EL: Tanner Baeder / Graduate Student / Tampa
- M:

Team 7: Dis-Infect-O-Bot

DIS-INFECT-O-BOT
(TEAM # 7)

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SOUTH FLORIDA

A fully-automated, self-contained
disinfection robotic system.

Ehsan Sheybani and Giti Javidi, PI

Seyed Alireza Khoshnevis, EL

Jean Kabongo, M

- PI: Ehsan Sheybani, Ph.D. / Muma College of Business / Sarasota-Manatee
- PI: Giti Javidi, Ph.D. / Muma College of Business / Sarasota-Manatee
- EL: Seyed Alireza Khoshnevis / Graduate Student / Sarasota-Manatee
- M: Jean Kabongo, Ph.D. / Muma College of Business / Sarasota-Manatee

Team 8: TCOVID Therapeutics



The banner features a dark green background. In the top left corner, there is a circular inset image of a baby being fed. In the top right corner, the logo for James A. Haley Veterans' Hospital is displayed. The main title "TCOVID™ THERAPEUTICS" is written in large, white, bold, sans-serif font. Below the title, "Team 8" is written in a smaller, white, sans-serif font. A horizontal row of six portrait photographs of team members is positioned below the text. Below the portraits, the names of the team members are listed in white text: Dr. Mazen Hanna | Dr. Subhra Mohapatra | Dr. Mahasweta Das | Peter W. Radulovic | Dina Alhassani | Alejandro Gonzalez. In the bottom right corner, the USF Health logo is shown, featuring a stylized outline of the state of Florida and the text "USFHealth UNIVERSITY of SOUTH FLORIDA".

- PI: Subhra Mohapatra, Ph.D. / Morsani College of Medicine / Tampa
- EL: Dina Alhassani / Researcher / Community
- EL: Mahasweta Das, Ph.D. / Morsani College of Medicine / Tampa
- EL: Alejandro Gonzalez / Graduate Student / Tampa
- EL: Peter Radulovic / Graduate Student / Tampa
- M: Mazen Hanna, Ph.D. / Community

(Key) PI: Principal Investigator

EL: Entrepreneurial Lead

M: Mentor

SARS-CoV-2 Home-Based Rapid Test



**Dr. Mazen
Hanna**



**Dr. Shyam
Mohapatra**



**Dr. Mark
Howell**



**Jordan
Skerkowski**



MS Jordan

- PI: Shyam Mohapatra, Ph.D. / Morsani College of Medicine / Tampa
- EL: Jordan Skerkowski / USF Student / Tampa
- EL: Mark Howell / Morsani College of Medicine / Tampa
- M: Mazen Hanna, Ph.D. / Community

Team 10: Spray-on Reactive Coatings (SRC)



The Team (University of South Florida)



Dr. Norma Alcantar

Principle Investigator

Chemical and
Biomedical Engineering

Expert in Surface Chemistry
And Interfacial Phenomena



Mr. Kenton Toomey

Mentor

Supply Chain, Engineering,
Operations, Product Development

Retired Senior Executive



Nick Coppola

Entrepreneurial Lead

Chemical Engineering

Undergraduate Student



Maisha Khan

Entrepreneurial Lead

Chemical Engineering

Undergraduate Student

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- PI: Norma Alcantar, Ph.D. / College of Engineering / Tampa
- EL: Nicholas Coppola / USF Student / Tampa
- EL: Maisha Khan / USF Student / Tampa
- M: Kenton Toomey / Community

(Key) PI: Principal Investigator

EL: Entrepreneurial Lead

M: Mentor