
USF I-Corps Teams: Spring 2023 Cohort



Team 1: Meet & Sell





DAYANA PEÑALVER, Ph.D.

CBO.
Ph.D. IN OPTICS, EXPERIENCE IN AGILE, DOBLIN INNOVATION, DESIGN THINKING AND VALUE PROPOSITION DESIGN






**PALLAVI SINGH
Ph.D Candidate**

CTO.
PH.D. CANDIDATE PALLAVI IN THE ELECTRICAL ENGINEERING SPECIALIST IN MACHINE LEARNING






WILFRIDO MORENO, Ph.D.

ADVISOR
PH.D. WITH EXPERTISE IN DESIGN AND SYNTHESIS OF MIXED ANALOG-DIGITAL SIGNALS, COMMUNICATIONS AND BIOMEDICAL ENGINEERING







- PI: Wilfrido Moreno, Ph.D. / College of Engineering / Tampa
- EL: Dayana Penalver, Ph.D. / Community / Tampa
- EL: Pallavi Singh / USF Student / Tampa

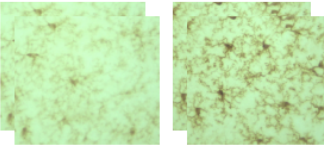
Team 2: Automatic Assessment of Microglia Cells

Automatic Assessment of Microglia Cells using Low Magnification Images






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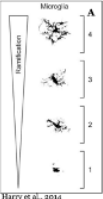


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← High-Count


← Low-Count




Hazy et al., 2014



Palak Dave, PI



Hunter Morera, EL



Peter Mouton, M

Low magnification images, Time and cost saving, Minimal expert time needed, Accelerates biomedical research

- PI: Palak Dave, Ph.D. / College of Engineering / Tampa
- EL: Hunter Morera / USF Student / Tampa
- M: Peter Mouton, Ph.D. / SRC Biosciences

Team 3: Atmospheric Analytical Services LLC

Atmospheric Analytical Services
Air Quality Monitoring Service

Mr. Ian Godfrey
Entrepreneur Lead

Dr. Pradeep Haldar
Business Mentor

Dr. Hemant Merchant
Principal Investigator

Team #3

- PI: Hemant Merchant, Ph.D. / Muma College of Business / St. Petersburg
- EL: Ian Godfrey / Atmospheric Analytical Services LLC
- M: Pradeep Haldar, Ph.D. / Patel College of Global Sustainability / Tampa

Team 4: OH-KALI

OH-KALI
A Firearm Violence Prevention Project
The Laboratory for Violence and Injury Prevention
Team 4

A community partnered program for preventing firearm violence by promoting skill-building and healthy connections; supporting communities and families by healthier minds

Maria Martik, EL

Dr. Robert Bossarte, PI

UNIVERSITY of SOUTH FLORIDA

- PI: Robert Bossarte, Ph.D. / Morsani College of Medicine / Tampa
- EL: Maria Martik / Staff / Morsani College of Medicine / Tampa