

PPE Production

Florida International University
Miami Beach Urban Studios

John Stuart, 7/1/20



CARTA Innovation Lab for 3D printing, January 2020



TOM:Florida International University

Established 2020



5 Members



University

About the community

The TOM FIU community was established in 2020 and grew out of student and faculty initiatives and community partnerships with the FIU College of Communication, Architecture + The Arts (CARTA) Innovation Lab for 3D printing, which was generously sponsored by a 2015 Knight Foundation grant. Housed in FIU's Miami Beach Urban Studios, the community supports the university vision to achieve exceptional student-centered learning and upward economic mobility, produce meaningful research and creative activities, and lead transformative innovations locally and globally, resulting in recognition as a Top-50 public university.

January 2020

JOINED

[DONATE](#)

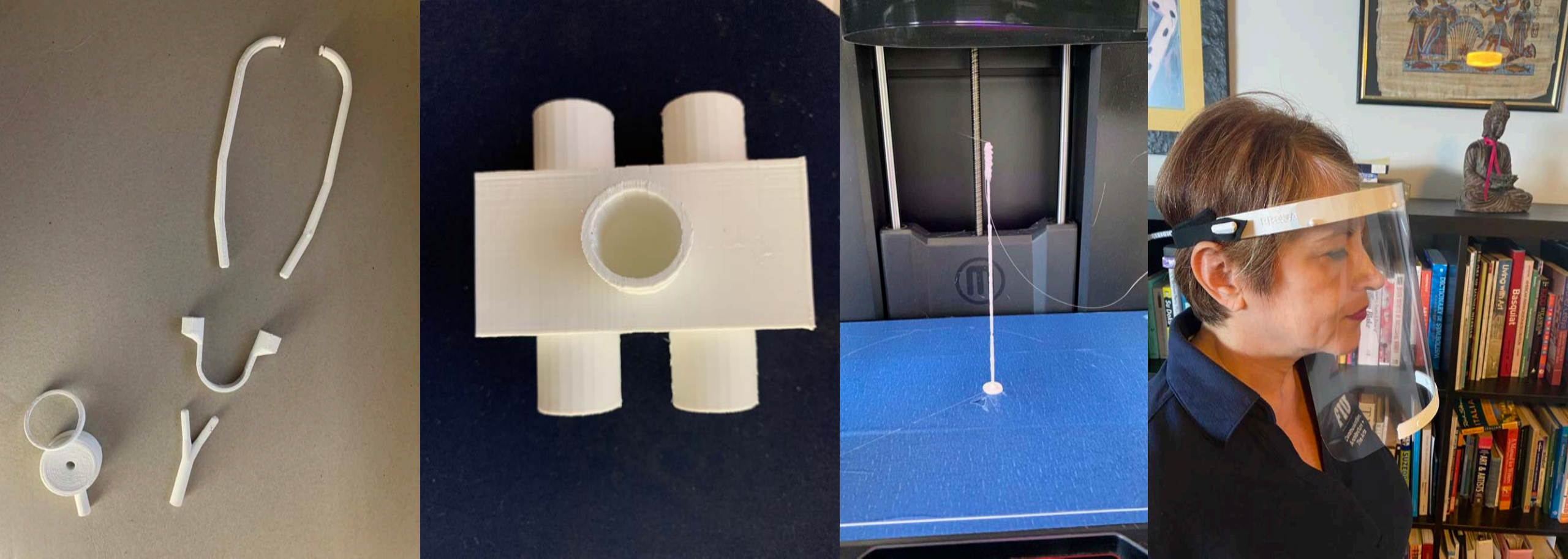


Community Manager



John Stuart

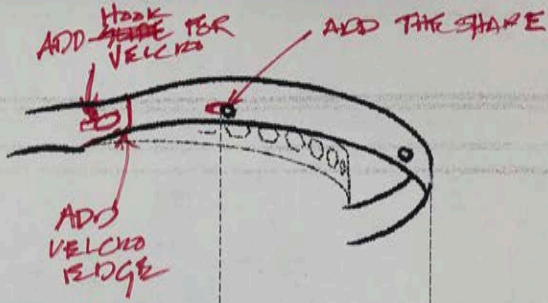
stuartj@fiu.edu



March 17–March 23, 2020: Options

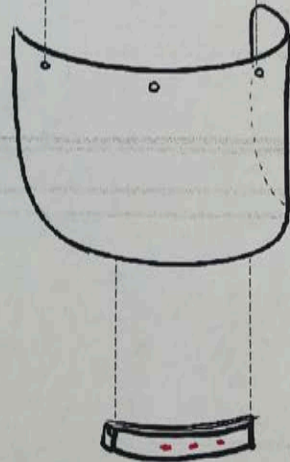
Step 1:
Attach Plastic Face Shield
to Headband from left to right

Tip: you may have to pull the
shield tight to attach last peg



Step 2: Attach Plastic Bumper
to bottom of Plastic Face Shield
~~CLICK INTO PEG~~

BUMPER



Step 3: Bring Headband over head
and adjust back velcro strap

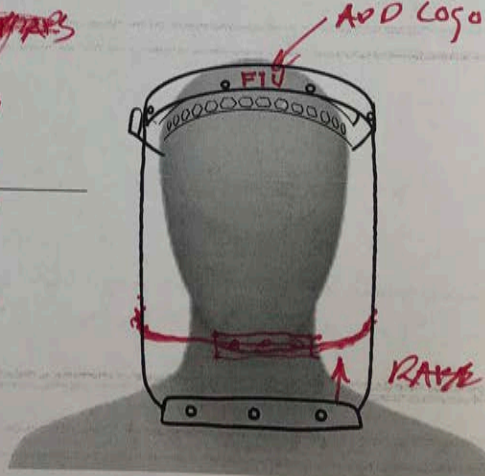
~~ATTACH VELCRO STRAPS~~

STEP 3: ATTACH VELCRO STRAPS TO
HOOKS ON HEADBAND AND
ADJUST TO HEAD SIZE.

THANK YOU SO MUCH
FOR YOUR SERVICE!

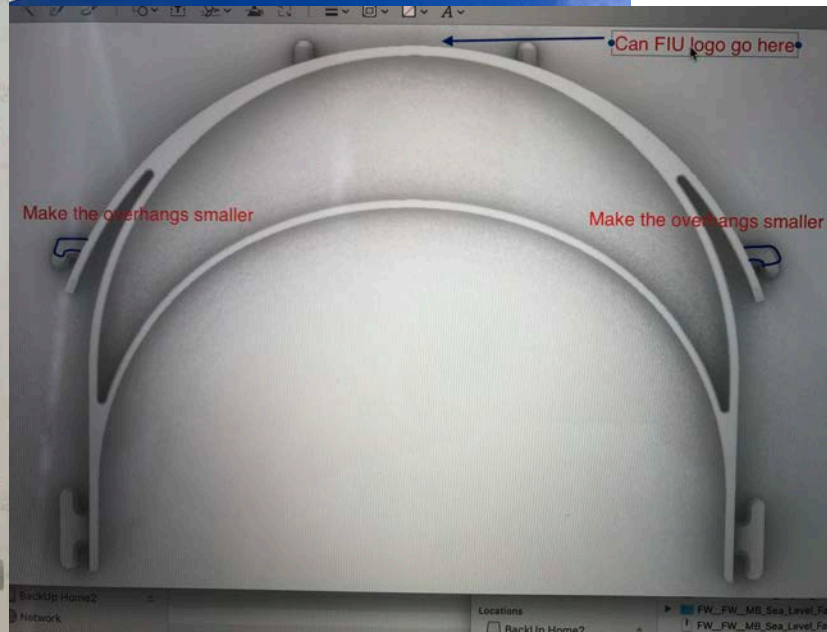
We thank you for your service!!!!

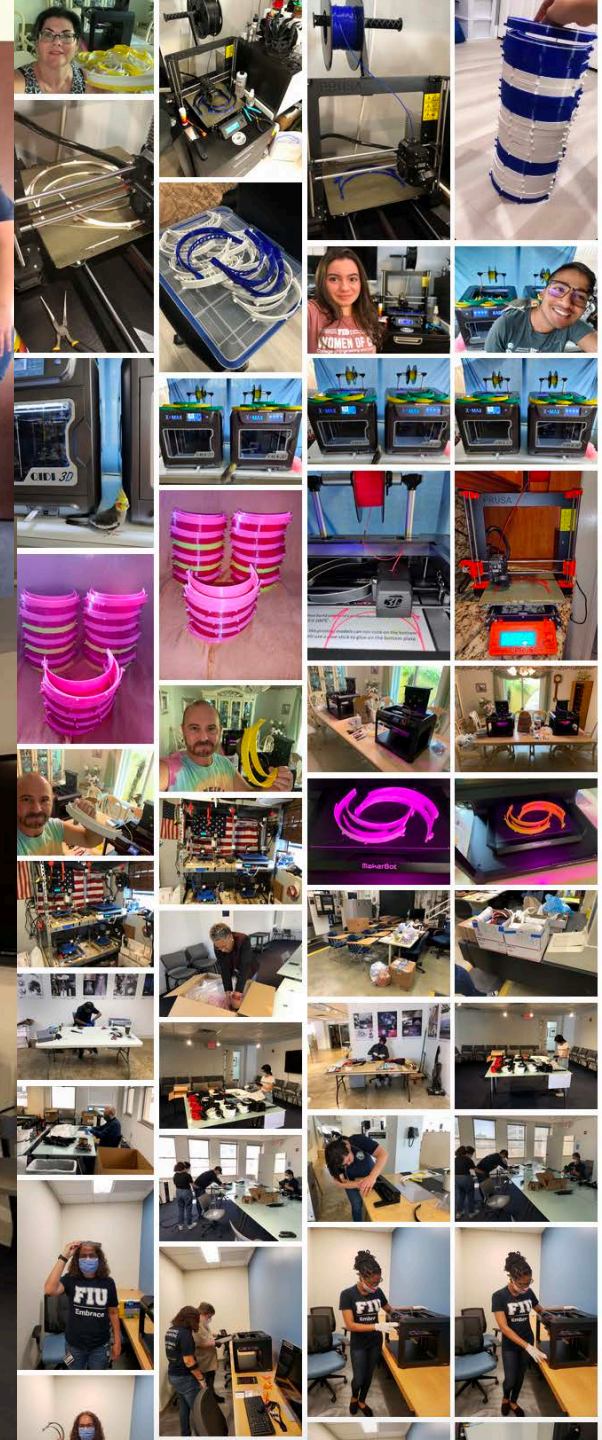
FIU FLORIDA
INTERNATIONAL
UNIVERSITY



218 5/1/19
Rep + 33/14 / 5th Jan 21/5
BY JARUNAY.
18 by 8 pm
+ 36 by Midnigh
54 by midnigh

Design innovations:
transform lab to factory







FIU EMBRACE

Embracing Differences.
Nurturing Talents.

WHAT IS **FIU EMBRACE**?



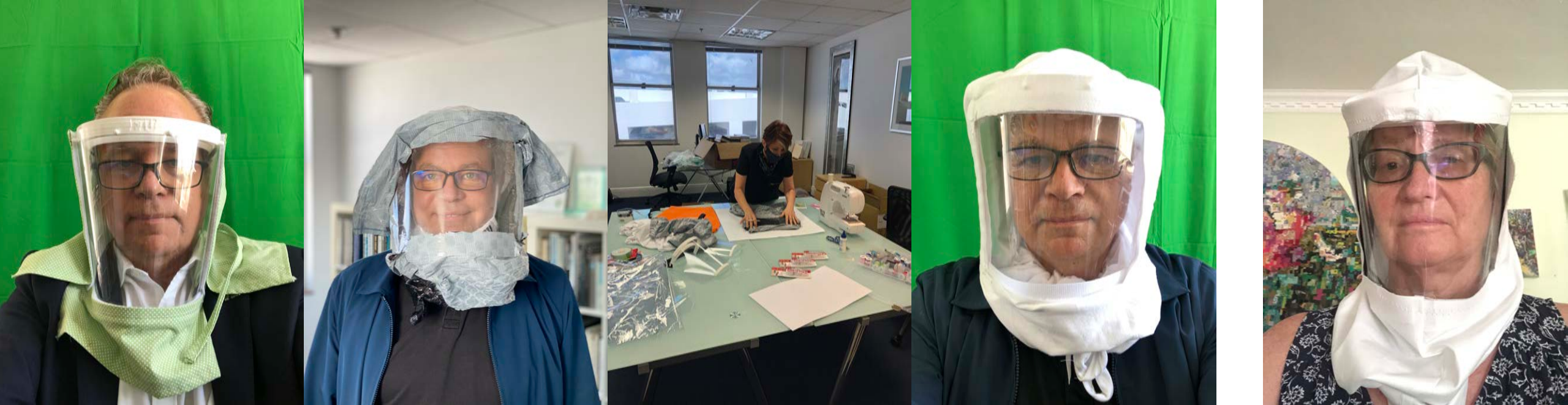
Communities Served

Healthcare workers
First Responders
People with Special Needs
Minority-owned
Businesses



Experiments





Now

FIU Face Shield/Mask Hybrid
NSF RAPID (with Biayna)
DOT Inclusive Design Challenge
for automated vehicles



Now What's Next?

- Implementing the new “FIU Workgroup for 3D Printing Just-In-Time Solutions” through Architecture and including with Nursing, Medicine, and Public Health
- New MOU with Nicklaus Children’s Hospital and FIU to explore mass customized 3D printing for children in healthcare settings.
- Working with FIU’s Department of Theatre to refine the Face Shield/Mask Hybrid.