



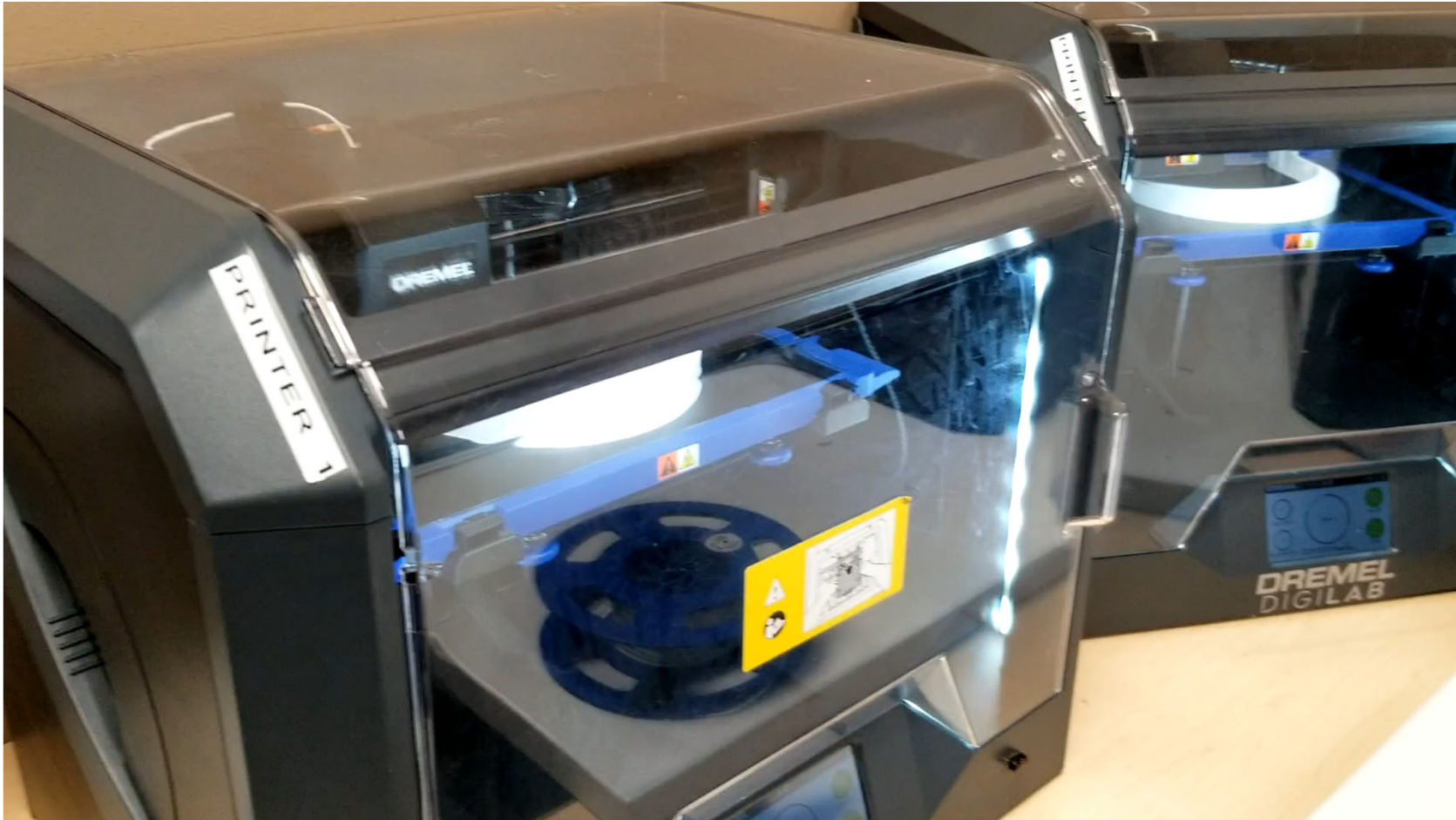
COVID-19: PPE Remediation

Micah Ewing, Director, IT Technical Architecture & Innovation
Hawai'i Pacific Health

CREATING A HEALTHIER HAWAI'I



HPH Maker Lab

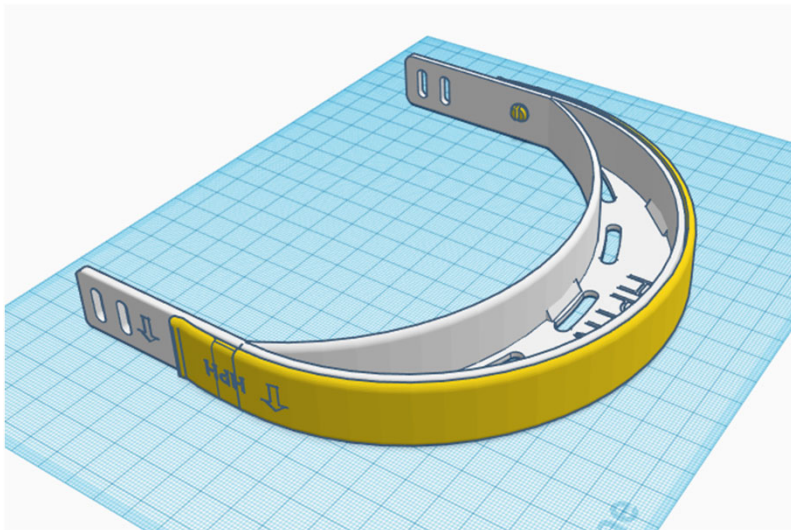


CREATING A HEALTHIER HAWAII

**HAWAII
PACIFIC
HEALTH** | HAWAII
HEALTH
PARTNERS

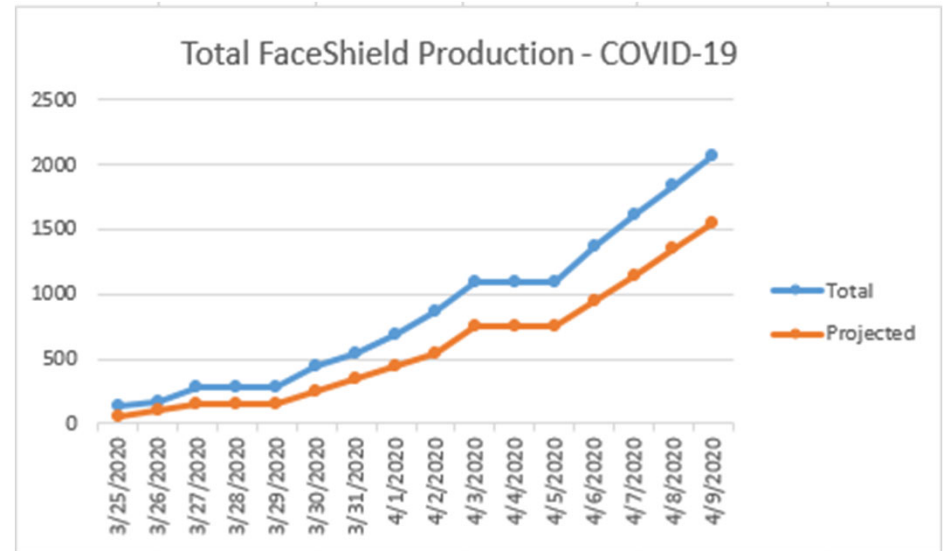
Face Shields

- Custom design
 - Adjustable strap
 - Removable shield
 - Cleanable
 - Multiple shield materials
- Issues / Improvements



Fabrication & Distribution

- > 2200 produced to date (4/12)
 - Great community 3D printing support
 - Labor Pool Assistance
- Receive prints from > 25 partners
- Fabricate at Harbor Court 25
- Central Supply Distribution
- Producing other items
 - CAPR Shields (100 / day)
 - Ear Savers



PPE Team: Micah Ewing, Paul Socha, JohnRae DeGuzman



CREATING A HEALTHIER HAWAII

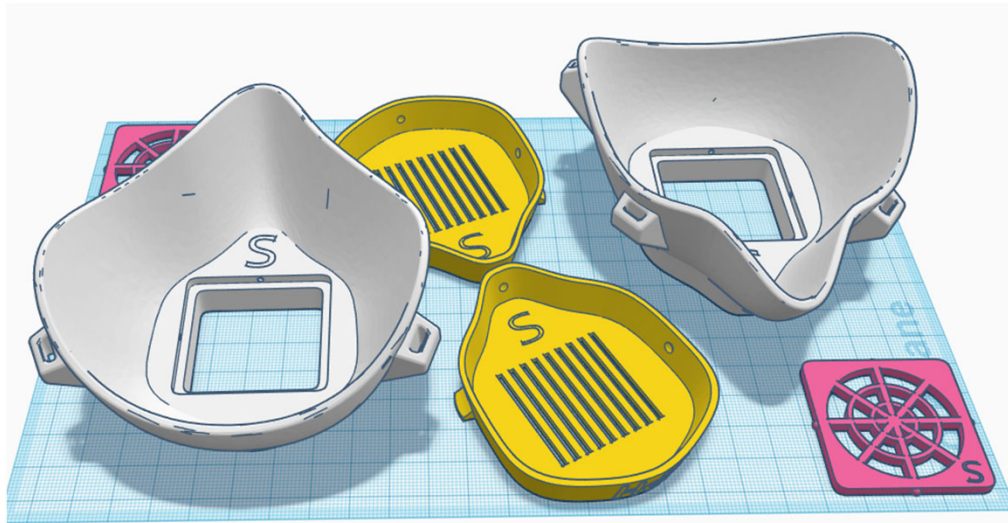
CAPR Shield Replacements

- AirMax CAPR Shield Shortage
 - 2 sizes (SM-MED & MED-LRG)
 - Chin seal = Glad Press & Seal
 - Fit-tested, ready



N-95 Respirator

- Custom design, similar to 'Montana' model
- HEPA vacuum filter approximates N-95 filter
- Earsavers aid with seal



Ear-Savers

- For use with masks that secure on ears
- Adjustable
- Ear comfort
- Allows adjustable tightness (N-95 respirator)

