



mus·ter /'məstər/

an act of assembling : to bring together



# **Correctional facilities are not adequately prepared for the COVID-19 Pandemic.**

## **Lack of dedicated facilities for quarantine and treatment.**

- Department of Corrections faces deaths of officers and inmates, shortage of staff and lack of space (Columbus Dispatch 2020).
- At least 3,792 inmates across Ohio state prison facilities have received positive diagnoses for COVID-19 since Ohio Department of Rehabilitation & Correction began testing on April 11 (Time.com 2020).



Why must<sup>ER</sup>? When needed, we are there!

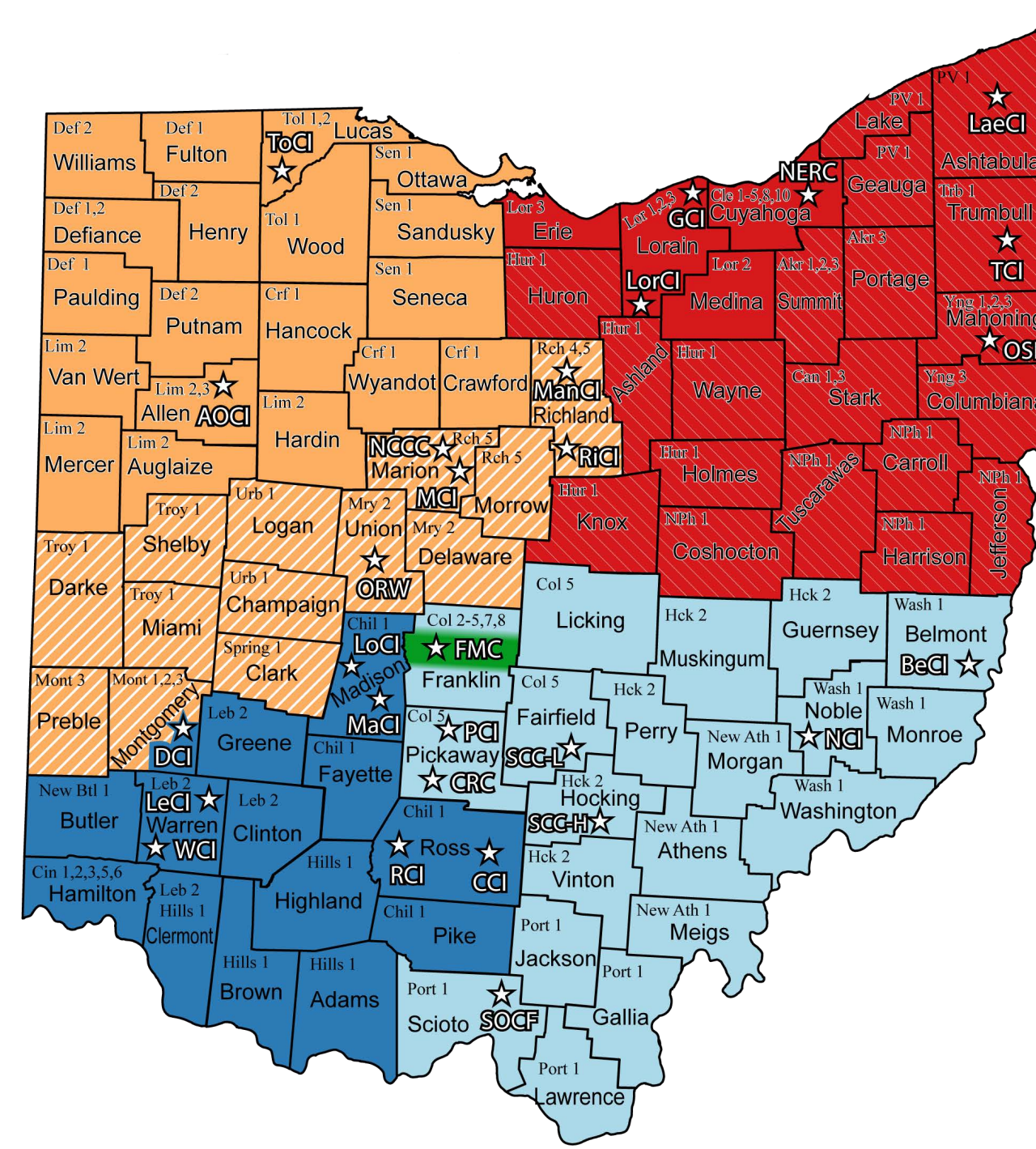
Virtual tour **here!**





# Combating COVID-19 head-on:

- mustER™ units are scalable, mass response, reusable units that address the COVID-19 pandemic response per CDC recommendations (CDC, 2020).(Zhang, 2020).
- mustER™ units isolate COVID-19 to an area and mitigate the spread while providing one of the safest treatment environments (CDC, 2019).
- Finding a suitable location to set-up an off-site emergency medical center is challenging because most facilities are not equipped with special ventilation and sanitation systems to contain airborne viruses, nor do they meet CDC requirements (Carroll, 2020).
- mustER's™ experienced team of rapid response professionals have developed a Contractor Teaming Arrangement (CTA) of Service Connected Disabled Veterans, Ohio based companies, and current government suppliers (GSA) to source a CDC compliant, Military-Specification, reusable, rapidly deployed, mobile medical center.
- mustER™ mobile units will be built in our state-of-the-art production facilities in Lancaster, Ohio.
- mustER™ aims to create meaningful career and professional upward mobility by creating new jobs for incarcerated and returning citizens.





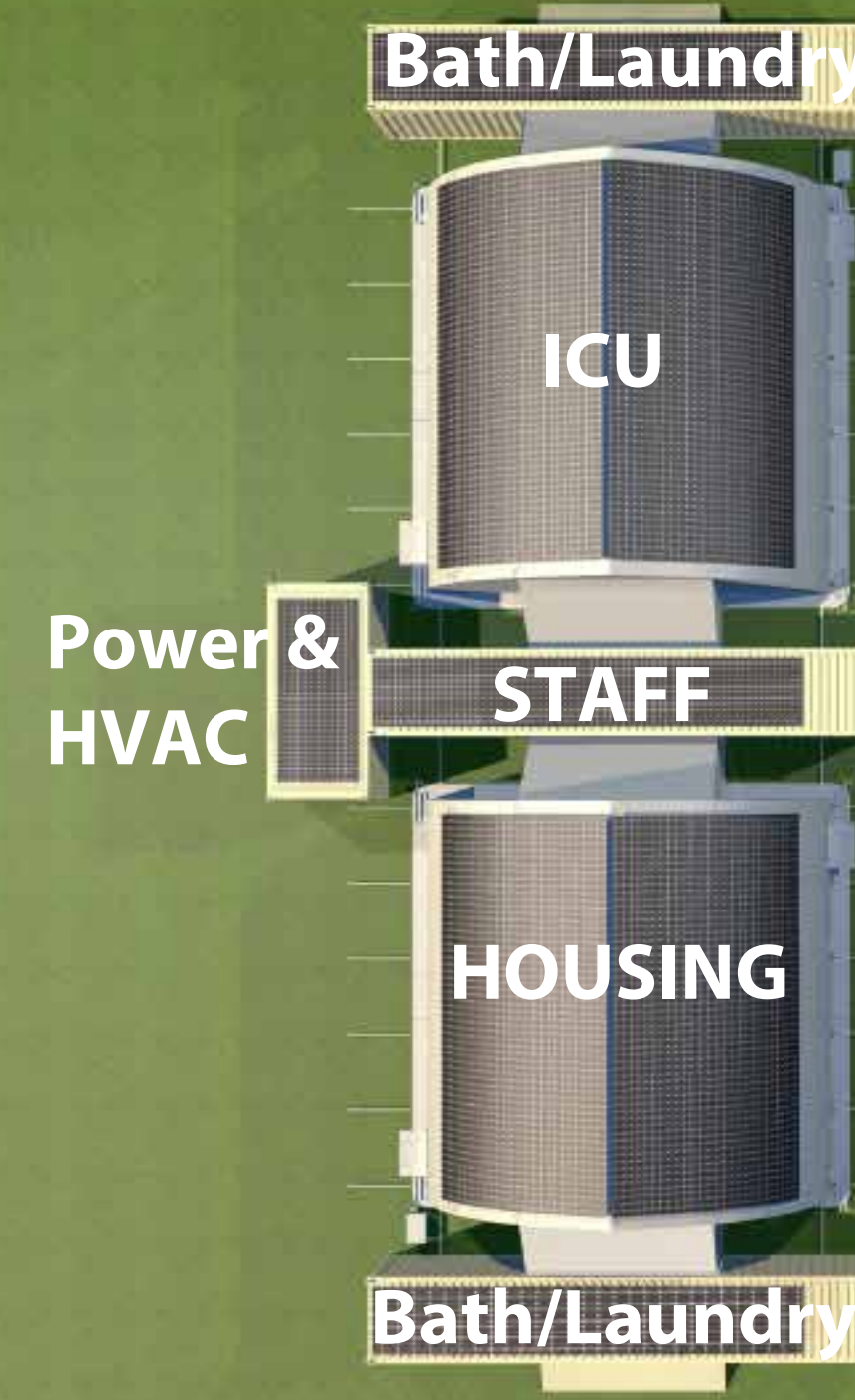
# must<sup>TM</sup>ER Specifications

## Capabilities:

- Operational within 4 hours of arrival.
- Independently powered by solar, wind and generators.
- Integrated and separated ICU, Housing, Staff units.
- All utilities, septic, HVAC, bath & shower and staff areas are integrated.

## Deployment:

- Easily shipped in 3- 5 shipping containers.
- Deployable in any condition, entire install footprint for a 2 shelter unit is 100'x50'.
- Easily delivered to the site on DOT standard width trucks.
- Is fully handicap accessible and in compliance with the ADA Act.
- must<sup>TM</sup>ER units are scalable to accommodate the need by Corrections.
- Airbeam shelters are self-contained in the staff container. They inflate out of the hard shelter on each side in under 20 minutes when the ramps are deployed.





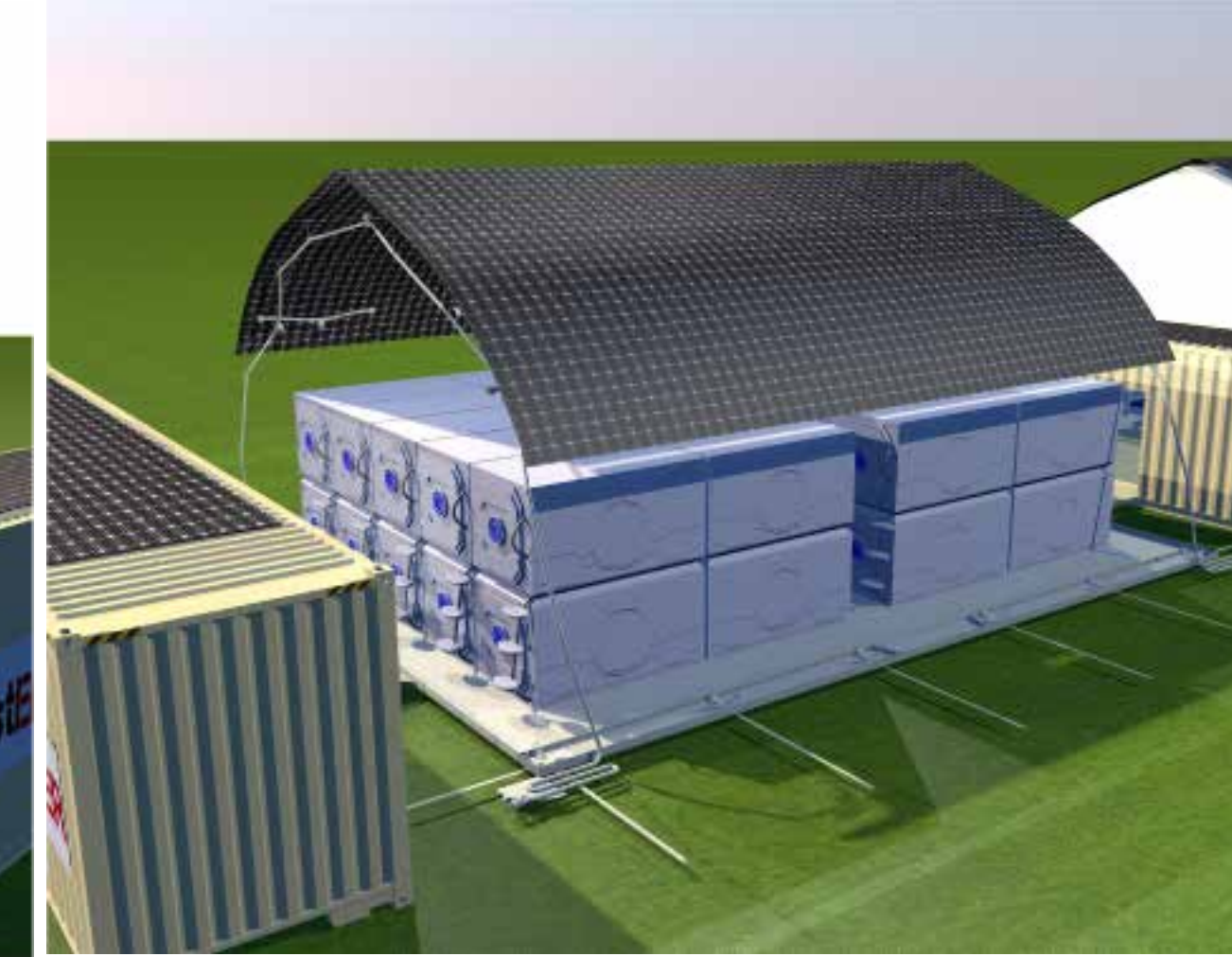
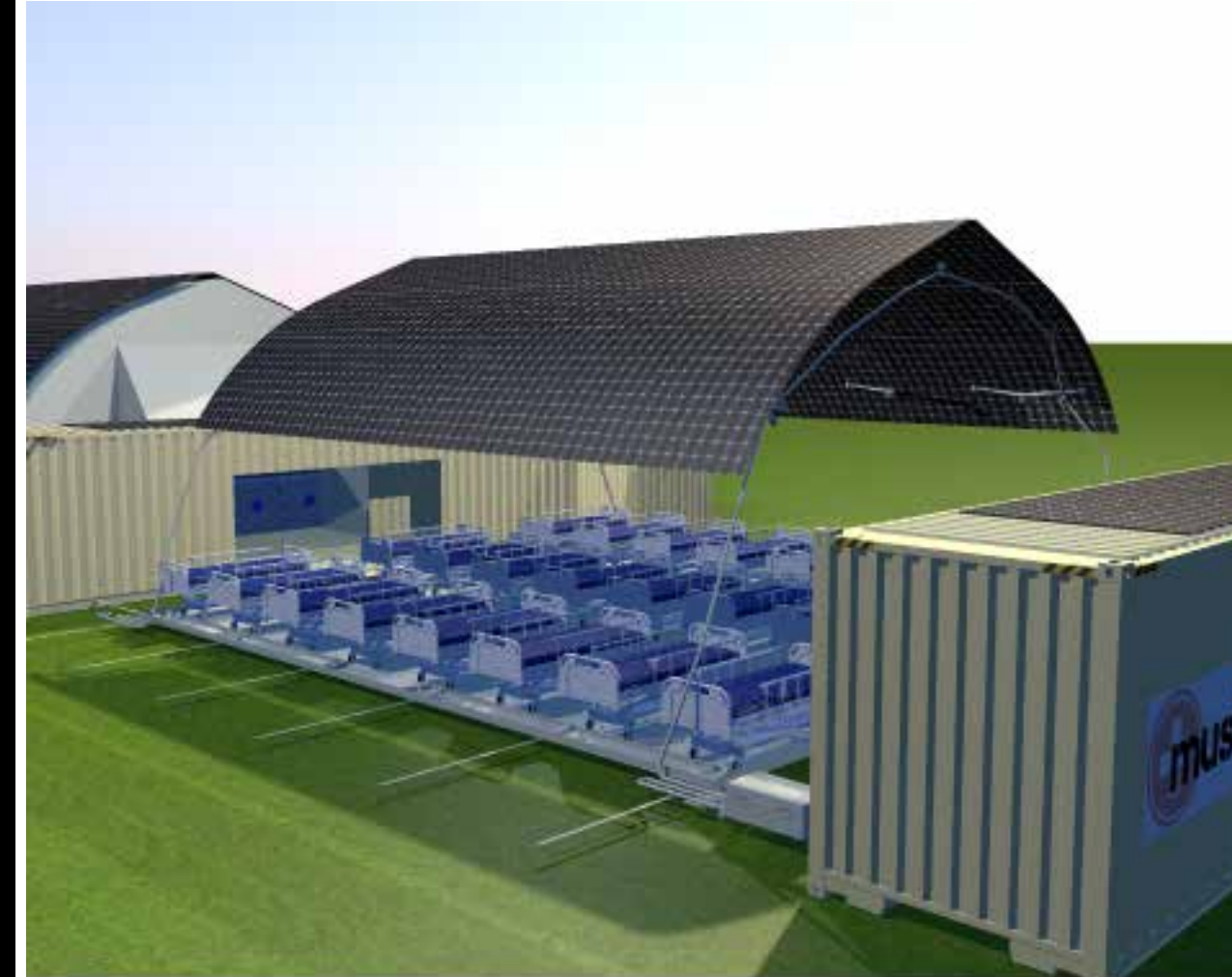
# mustER<sup>TM</sup> Specs Continued

## Shelter:

- ICU unit is a negative pressurized unit that can be hermetically sealed if required. HVAC has all the appropriate air filtration HEPA filters and air changes to meet CDC and ASHRAE requirements.
- ICU unit is segregated and has a testing & triage intake unit. The facilities are capable of handling all necessary equipment. Can treat approximately 24-40 patients.
- mustER<sup>TM</sup> housing unit provides secure sleeping pods for 40 patients and staff with enhanced fire protection, RFID and security.
- mustER<sup>TM</sup> has laundry capabilities.

## Power:

- All Go Electric 60kw microgrid power units are integrated and come with pre-charged batteries.
- mustER<sup>TM</sup> uses a flexible MiaSole solar 53kw canopy.
- The portable 10kw Uprise wind turbine, which is transported in a 20' container, is raised and attached to the microgrid.
- As required, AAMPS 60kw generators are set up for septic, HVAC and backup power use.





# musterER<sup>TM</sup> Specs Continued

## Incinerating Sanitary Septic:

- All water waste is incinerated to a sanitary ash on site.
- Septic is monitored remotely by ECOJOHN and disposal occurs once a week.

## Communications:

- musterER<sup>TM</sup> comes fully equipped with secured wi-fi and integrated communications for staff and remote monitoring.

## Personal Protective Equipment (PPE), Additive Manufacturing, Sanitizing Fogger and Ventilators:

- musterER<sup>TM</sup> is equipped with 3D printing capabilities to produce medical supplies.
- musterER<sup>TM</sup> comes with a sanitizing fogger.
- musterER<sup>TM</sup> partners with Covid-19 Ventilator for cost effective ventilators.

## musterER<sup>TM</sup> is fully capable of delivering mission-essential equipment based on operational needs:

- Additional shower/laundry truck(s).
- Additional power cluster(s).
- Additional mobile HVAC unit(s).
- Electrical AC connection from shore-based power source (backup).
- Kitchen & Food storage container(s).







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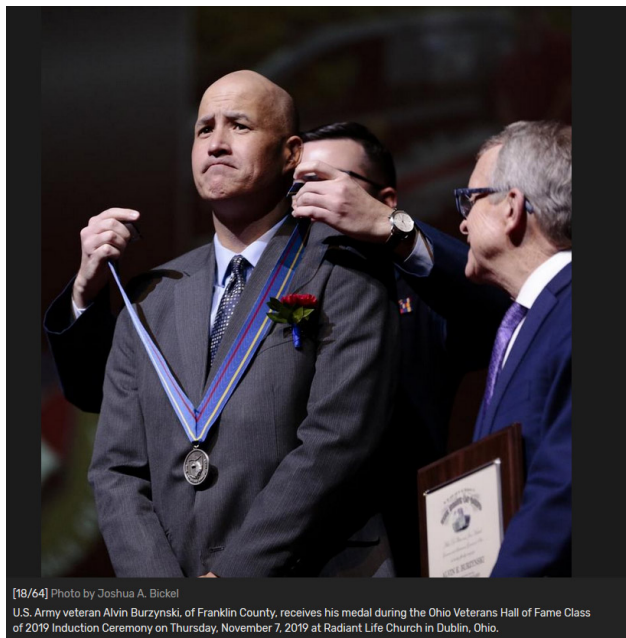
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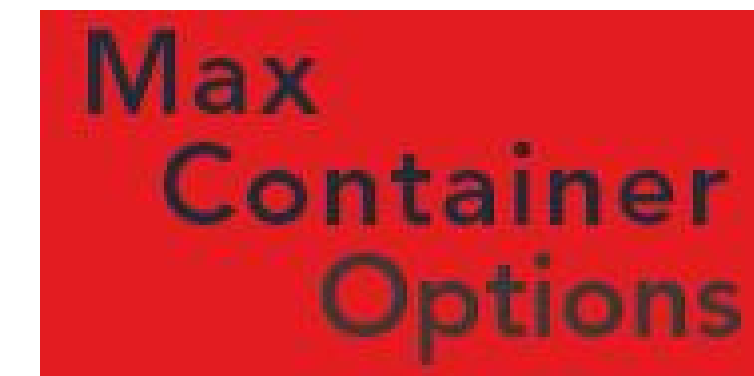
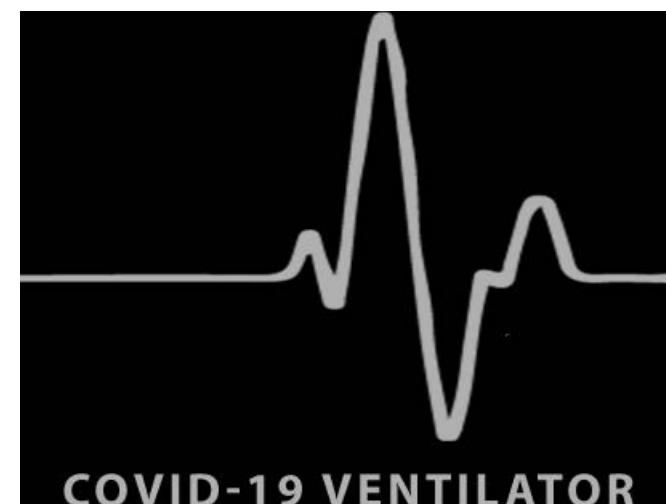


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# Meet Our Team!



# Partners and Stakeholders





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