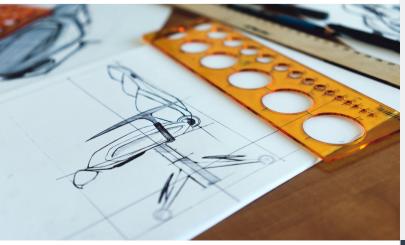
# GOOD NEWS

#### From Public Invention

### RECENT ACCOMPLISHMENTS

by inventor(s) or invention teams

- Our RespiraCon II conference commenced and brought about significant conversation by industry leaders and professionals. Check out the conference results below to see what came from this event!
- Public Invention received over 100 signatures for its Open Medical Technology Manifesto: <u>Link</u> <u>Here!</u>
- Leith Greenslade and Robert Read, had the opportunity to take part in a recent podcast interview led by Dale Dougherty of Make
  Community LLC. In this podcast, Dale captured how Leith and Dr. Read are trying to rethink the deployment of global respiration technology with the virtual conference and their Open Medical
  Technology Manifesto. Interview Link Here!
- Moonrat is reactivated as an available project and Harshit Kumar is now leading this team!
   Please check out the available volunteer roles here: Link #1 & Link #2
- Pio Lee has started as an outreach coordinator for PolyVent
- Chad Estill is pursuing an Electromechanical Engineering Lead Role with our PolyVent Open Source Ventilator team



## **OPPORTUNITIES**

- Make a Public Invention/humanitarian engineering club at your school using this source: link
- Check out our current project ideas available for inventors and invention coaches to join:

#### **Google spreadsheet**

 Do you have some progress to share with the general public/our membership regarding your current Public Invention project? Then submit your summarized efforts or any images to our Public Outreach Coordinator (Megan) for the next newsletter!

Email: outreach@pubinv.org



We invent things that help all people. All of our work is in service to nurture humanitarian invention.

## FOLLOW US!









# PUBLIC INVENTION'S 2022 GOALS

- Within the year, we are hoping to spark the formation of Public Invention Humanitarian Engineering Clubs across university campuses. Read our blog about this endeavor and available resources:
  - How to Start
  - How to register under Public Invention
- This year we will partner with international Institutes to help students from other countries to pursue invention clubs at their universities
  - Current efforts are being made in Mexico through our prior pitch meeting with Mariella Castro from La Universidad del Valle de Atemajac (UNIVA)
- This year we hope to recruit and sustain even more inventors and invention coaches!
  - Meet Harshit Kumar Joining our
    Moonrat project as Lead Researcher
  - Meet Pio Lee Joining our PolyVent team as their Outreach Coordinator
  - Meet Chad Estill Joining PolyVent as their Electromechanical Lead

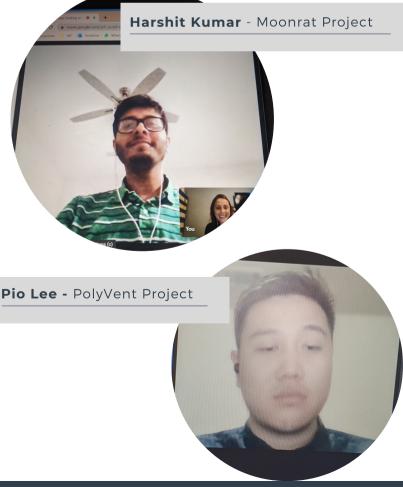




## Let us know if there's an international university interested!

Email: outreach@pubinv.org

### **Meet New Inventors!**



## RespiraCon II Conference

We had an amazing turn out for this virtual conference! We are truly grateful for each speaker and participant that took part in this global discussion on open source respiratory care technology.

From industry leaders to game changing inventors, this conference was filled with powerful speakers, insightful content, and engaging discussions. Please check out our conference materials to learn more about what was shared at **RespiraCon II** this year.

#### **Check Out Our Conference Materials:**

- Open Medical Technology Manifesto Link
- Shared Notes From RespiraCon II Link
- Participant Map Link
- RespiraCon II Guestbook Link
- Network Analysis Graphic Link
- Zoom Conference Recordings Coming Soon!

#### **Event page: Click Here!**

#### **Event Organizing Committee:**

Special thanks to our RespiraCon II organizing committee!



**Victor Suturin,** CEO and Founder, Aliform; Co-founder and Invention Coach, PolyVent

Robert L. Read, President, Public Invention





**Sabia Abidi,** Board Member, Public Invention; Professor, Rice University







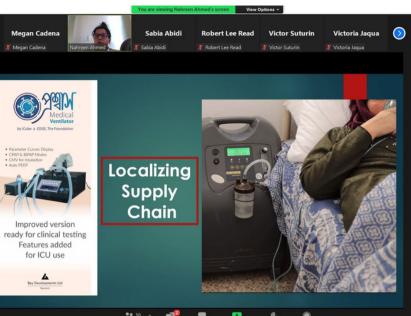








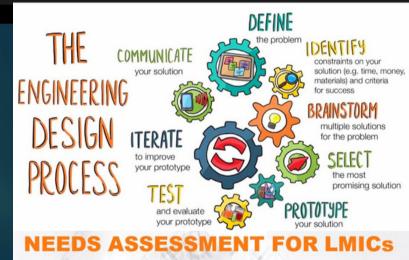
## RespiraCon II Highlights - Some Speakers



# Dr. Nahreen Ahmed Debbie Aloyo











TRAINING

User training

application specialist

servicing, service ontracts, PPM repair Critical: sustainable Quick user quides user manuals Technical manuals onsumables, reagents CMEs (user training) accessories -supply chain training

COMPARTIBILITY Voltage ratings Language

Spares, reagents & consumables with ther manufacturers

> BMET tools (access?)

Software (universal/standard, unique and access? INFRASTRUCTURE

-water requirements

-staffing

-medical gas source

alternatives

back up electricity (solar, generators) stabilizers

> (Fixed/portable) Outreach clinics

ENVIRONMENT

Dust

Humidity,

temperature & storage (A.C?)

Rats & Insects

Disinfection, cleaning & SOPs

Administration tracking, safety &



COST

Initial costs:

Device, Installation (standalone systems) + Training costs

Long term:

tools

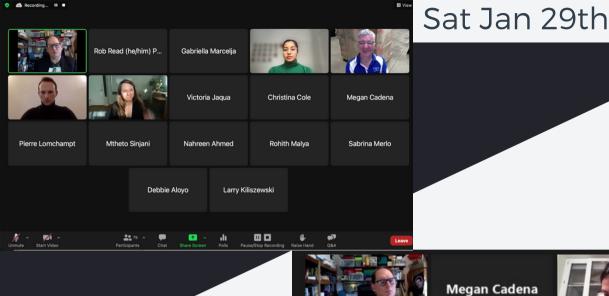
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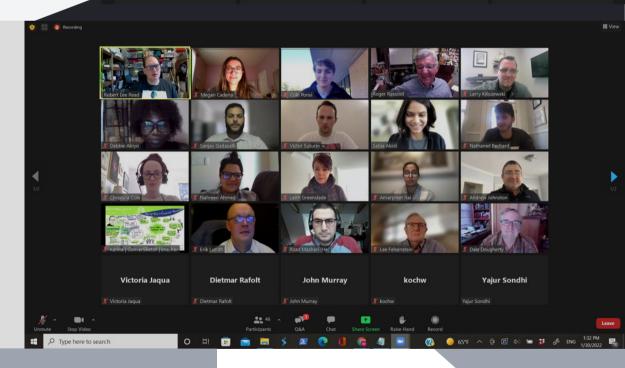


## RespiraCon II Highlights Ctd... - Panelists



Sun Jan 30th

Group Pic 2nd Day



Megan Cadena

Pierre Lonchampt

**Pierre Lonchampt** 







Victoria Jaqua

🔏 Victoria Jaqua

**Debbie Aloyo** 

🔏 Debbie Aloyo

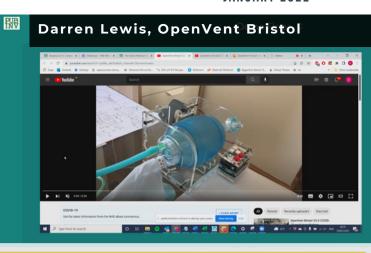


Evervone

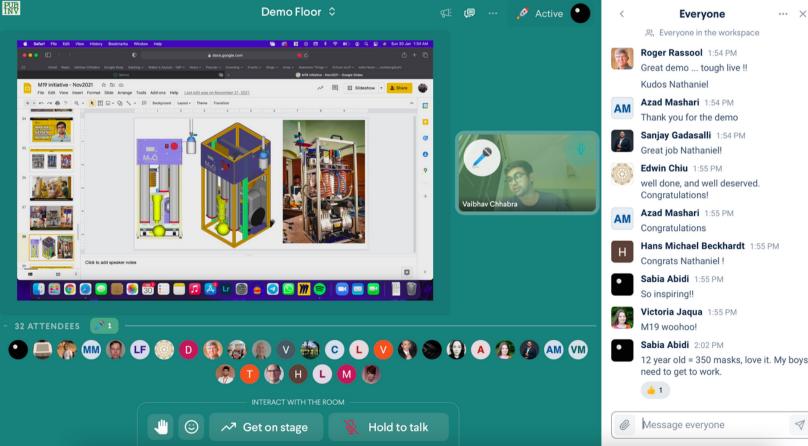
#### RespiraCon II Highlights Ctd...

#### **Demo Sessions:**

- Nathaniel Bechard, lead engineer, PolyVent, Public Invention
- Vaibhav Chhabra, Founder, Maker's Asylum; M19 Initiative
- Mtheto Sinjani, Global Health Informatics Institute (GHHI), Open O2, Low-cost oxygen analyzer
- Veronica Stuckey, R&D Engineer, Meditrina, Public Invention Researcher, Ferrofluid Check Valve
- Jamie Waters and Mark Roden and Project Papr, **Project Tetra**
- Darren Lewis, OpenVent Bristol
- Hank DeBay, Negative Pressure Ventilator (NPV)
- Benjamin Treuhaft, Helpful Engineering











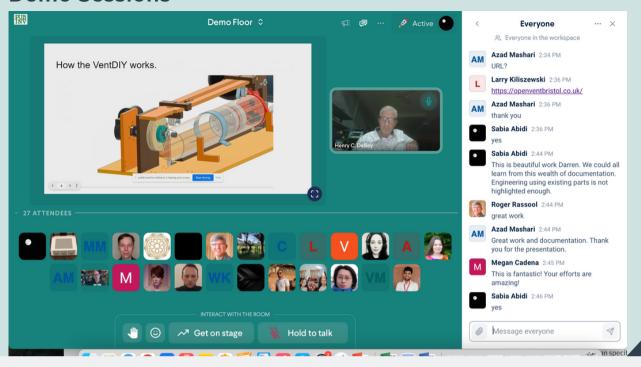




#### RespiraCon II Highlights Ctd...

#### **Demo Sessions**

#### Hank DeBay, Negative Pressure Ventilator (NPV)



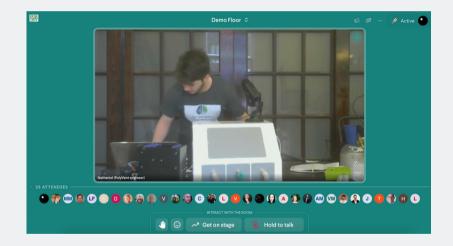
## **GET TO KNOW OUR TEAMS: POLYVENT**

For Inventors and Invention Coaches

# Nathaniel and Victor From PolyVent - Demo Session

Jan. 29th, 2022

Victor Suturin and Nathaniel Bechard from our PolyVent team gave a brief overview of their current work and research goals at the RespiraCon II Virtual Conference.



## QUOTE OF THE MONTH

"For good ideas and true innovation, you need human interaction, conflict, argument, debate."

- Margaret Heffernan

## Check out their efforts: Click here!







