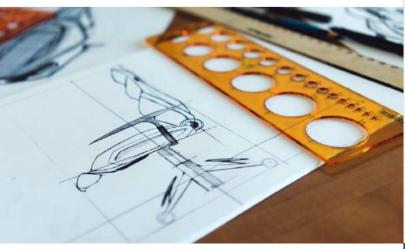
# GOOD NEWS

#### 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 reactive as an available project and Harshit Kumar is now leading this team! Check Out Available Roles: Link #1 & Link #2
- Pio Lee hs 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: <u>link</u>
- Check out our current project ideas available for inventors and invention coaches to join: <u>Google spreadsheet</u>
- 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.

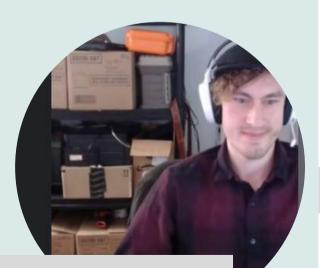
# FOLLOW US!



© 2022 PUBLIC INVENTION

## 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



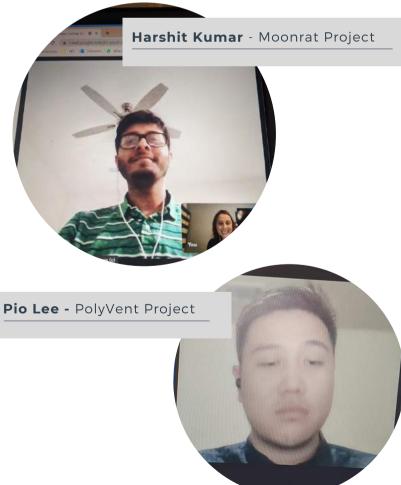
Chad Estill - PolyVent Project



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

Email: outreach@pubinv.org

#### **Meet New Inventors!**



## <u>RespiraCon II</u> <u>Conference</u>

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 <u>Link</u>
- Zoom Conference Recordings Coming Soon!

### Event page: <u>Click Here!</u>

#### **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

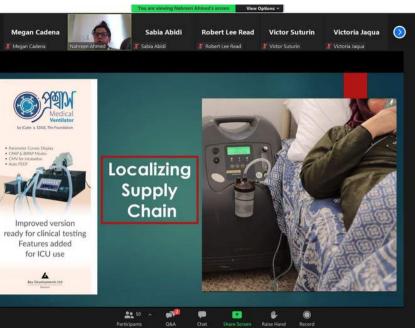




**Sabia Abidi,** Board Member, Public Invention; Professor, Rice University



#### RespiraCon II Highlights - Some Speakers



# Dr. Nahreen Ahmed & Debbie Aloyo



COMMUNICATE

your solution

ITERATE

to improve

your prototype

TEST

THE

ENGINEERING

DESIGN

PROCESS



DEFINE

the problem

IDENTIFY

for success

BRAINSTORM

constraints on your

materials) and criteria

multiple solutions

for the problem

SELECT

the most promising solution

solution (e.g. time, money,



Access to Open-Source Design

Identifying Grants and Funding

Engagement of local and national government and NGOs

Localizing Supply Chain- SHORT and Long Term

Innovative Infrastructure Planning

Input of Local Health Care Community

20 50



Implementation of infrastructure

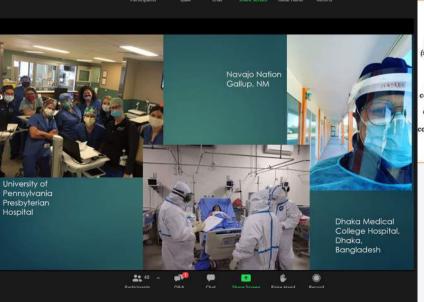
Monitoring and Evaluation of Efficacy

nprovement in Patient Outcomes

.

٠

Impact

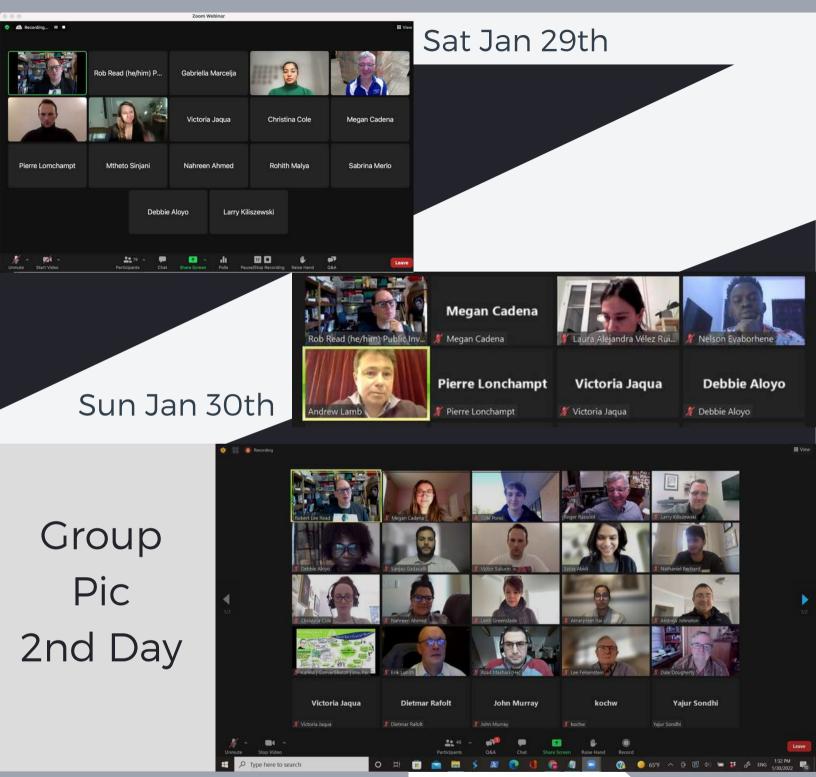




© 2022 PUBLIC INVENTION

**JANUARY 2022** 

#### RespiraCon II Highlights Ctd... - Panelists

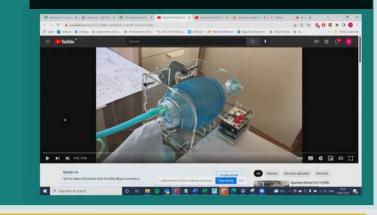




#### RespiraCon II Highlights Ctd...

#### **Demo Sessions:**

- Nathaniel Bechard, lead engineer, PolyVent, Public Invention
- Vaibhav Chhabra, Founder, Maker's Asylum; M19 Initiative
- **Mtheto Sinjan**i, 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



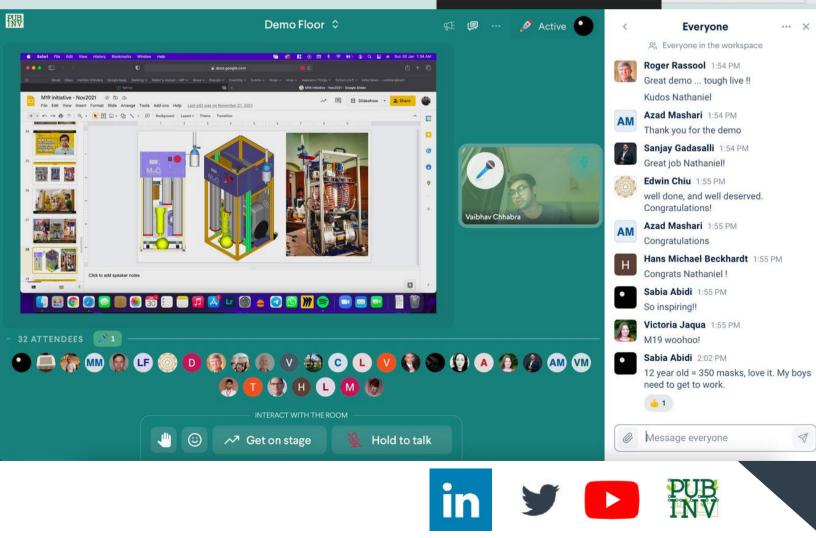
Darren Lewis, OpenVent Bristol





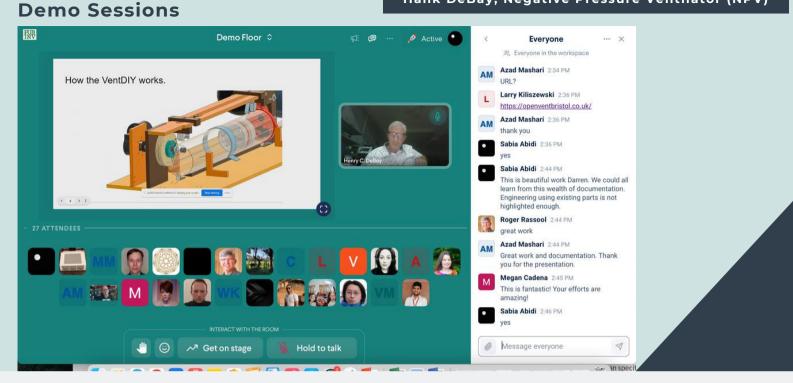
Vaibhav Chhabra, M19 Initiative

髎



# RespiraCon II Highlights Ctd...

Hank DeBay, Negative Pressure Ventilator (NPV)



# <u>GET TO KNOW OUR TEAMS</u>: 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!



#### © 2022 PUBLIC INVENTION