

# GOOD NEWS

From Public Invention

## RECENT ACCOMPLISHMENTS

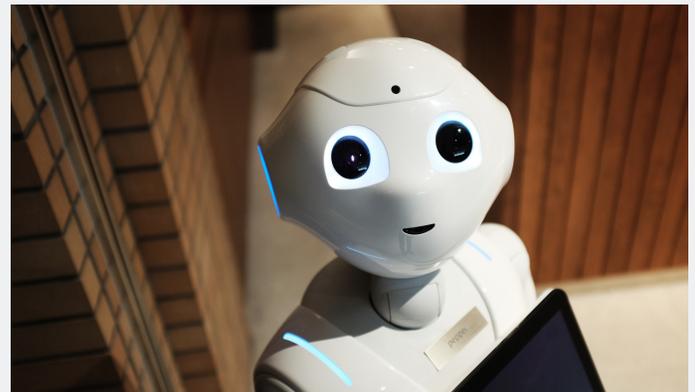
by inventor(s) or invention teams

- **Veronica Stuckey** demonstrated a significantly asymmetric ferrofluid check valve! This is a significant invention, and publishing it quickly is a high priority. This is one of the fastest successes we have ever achieved!
- **Dr. Sabia Abidi and Rob** began planning **RespiraCon II** in January. **Leith Greenslade** of the Every Breath Counts Coalition, **Dr. Rohith Malya**, and Rice University are considering co-hosting. [Register here!](#)
- **Nathaniel Bechard and Victor Suturin** of the **PolyVent team** continue to make progress on the PolyVent redesign. They are adding a new air-drive based on a proportional solenoid valve.
- **Audrey Rushing** joined Public Invention as volunteer social media coordinator. This is a critical position for our growth!
- **Miriam Castillo** joined Public Invention as a volunteer coordinator. She speaks Spanish and will attempt to start "Public Invention and Humanitarian Engineering" clubs in the whole Western Hemisphere!

## OPPORTUNITIES

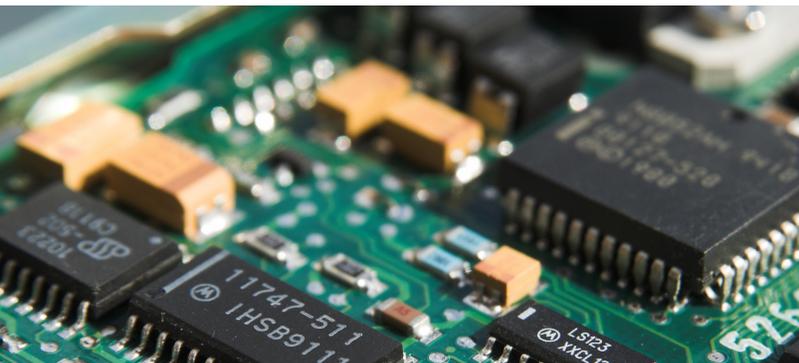
- Make a Public Invention/humanitarian engineering club at your school using this source: [link](#)
- Check out our current project ideas available for inventors and invention coaches to join: [Google spreadsheet](#)
- Do you have some progress to share with the general public/our membership regarding 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](mailto:outreach@pubinv.org)



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

## FOLLOW US!



# RESPIRACON II CONFERENCE

**Format:** 3.5 hours of 20-minute presentations and discussions with thought leaders, followed by 1.5 hours additional social interaction in smaller groups.

We seek to empower firms, big and small, in every nation to use safe and effective, modular, repairable, free-libre open source designs to manufacture life-saving medical devices and PPE.

This conference will focus on making personal connections: between students, mentors, engineers, entrepreneurs, investors, business people, clinicians, non-profits, and philanthropists.

Registration Link: [Click Here!](#)

**Where: Online/Remote**

**Confirmed Speakers:**

- **Leith Greenslade** of Every Breath Counts Coalition (**Keynote speaker**)
- **Robert L. Read**, PhD, of Public Invention
- Prof. of Law **Jorge Contreras** of Open COVID Pledge
- **Sabrina Merlo** of Opens Source Medical Supplies
- **Vaibhav Chhabra** of M19 and Maker's Asylum
- **Victor Suturin**, PhD of PolyVent and Public Invention
- **Sabia Abidi**, PhD, of Rice University
- **Lawrence Kiliszewski** of Zewski Corporation

# RespiraCon II: Concept to Impact

Join a critical global conversation on how to radically rethink the deployment of respiratory care technologies in an era of pandemics.

*Engage with engineers, entrepreneurs, and innovators dedicated to advancing uptake of open-source technologies to benefit low-resource settings.*

**Jan 29th & 30th 2022 | 10:00 AM to 1:30 PM CST**  
**Save your spot:** <https://bit.ly/30FSq6D>



# COMMUNITY UPDATE

For Inventors and Invention Coaches

## Meet Our Admin Team!

### Volunteer Coordinator:

Miriam Castillo has spent most of her career at electronics manufacturing companies managing supply chain. She continues her work as an advisor for business process optimization. She also volunteers in a social program in the city of Zapopan, Jalisco, Mexico to support young people between 15 and 19 years of age to facilitate them taking initiative in social innovation. Miriam has an MBA from the Universidad del Valle de Atemajac UNIVA.

She works on recruiting volunteers, managing interviews with various project teams, organizing our various projects and volunteers, finding opportunities/resources for our membership, and more.

Please feel free to reach out to her regarding funding opportunities, volunteer recruitment, or other invention concerns via this **email:**  
**volunteers@pubinv.org**



### Public Outreach Coordinator:

Megan Cadena is a recent graduate from The University of Texas at Austin. She studied for a Bachelor of Science in Biomedical Engineering. She currently works as a volunteer researcher with Public Invention and is currently our Public Outreach Coordinator. She specifically develops and amends mathematical and computational models of complex and real-world systems.

She works on developing the monthly newsletters, managing the Public Invention website, coordinating events with the admin staff/membership/general public, researching grant opportunities, updating the GitHub licensing for each team, and more for our organization.

Please feel free to reach out to her regarding outreach opportunities, newsletter suggestions/info, or other invention concerns via this **email:**  
**outreach@pubinv.org**



## Meet Our Admin Team Ctd...

### Social Media Coordinator:

She graduated in December 2020 with her Bachelor's in business. During school, her emphasis was in research and social media marketing. She worked on many projects working to increase attention to various nonprofits, as well as collaborated in writing a marketing plan and consulting with a local distillery in Asheville, NC. She recently moved to Austin from Asheville in August of 2021. Outside of Public Invention, Audrey works at Whole Foods Market and is working towards a career in marketing full time.

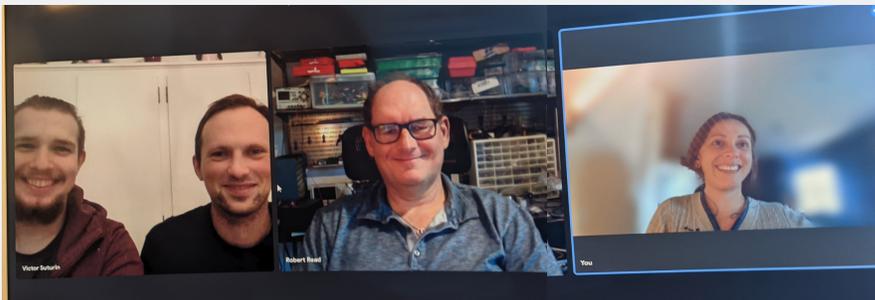
She works on everything social media related including Twitter, LinkedIn, YouTube posts and more.

Please feel free to reach out to her regarding social media posts/efforts via this **email: [comms@pubinv.org](mailto:comms@pubinv.org)**



## GET TO KNOW OUR TEAMS: POLYVENT

For Inventors and Invention Coaches



An Interview with Patrick and Victor From **PolyVent** to Discover Volunteer Needs:

Oct. 28th, 2021

Our Volunteer Coordinator, Miriam Castillo, interviewed Patrick Henne and Victor Suturin from our PolyVent team in order to discover what needs they have as volunteers. This interview and a future interview with Nathaniel Bechard both contributed in helping our admin team to improve recruitment processes for future inventors and coaches!

### QUOTE OF THE MONTH

"The most difficult thing is the decision to act, the rest is merely tenacity."

- Amelia Earhart

Check out their efforts: [Click here!](#)

