

# GOOD NEWS

From Public Invention

## RECENT ACCOMPLISHMENTS

by inventor(s) or invention teams

- Dr. Sabia Abidi of Rice University and Public Invention began planning RespiraCon II: Concept to Impact; as well, they secured Ms. Leith Greenslade as the keynote speaker.
- The **PolyVent** team recently developed a newer and more versatile version of their PCB boards through work performed by **Nathaniel Bechard!**
- **Nathaniel Bechard (PolyVent), Ben Coombs, Dr. Erich Schulz, and Rob Read (VentOS)** have designed ventilators that can be easy to manufacture in LMICs: [Click here](#)
- **Benjamin Treuhaft** illustrates how **Helpful Engineering** is seeking to deploy humanitarian medical devices that align with our projects through his recent post: [Click Here](#)



## OPPORTUNITIES

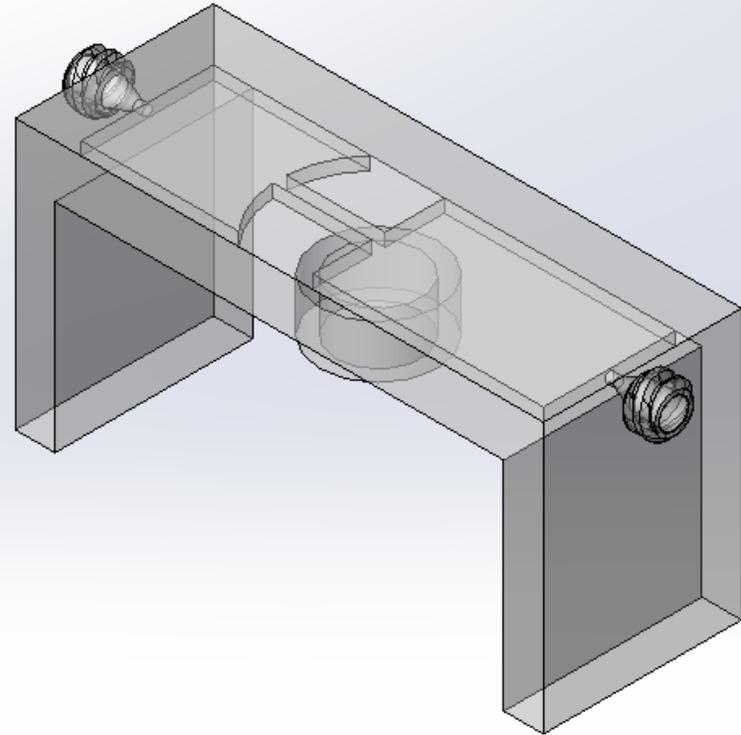
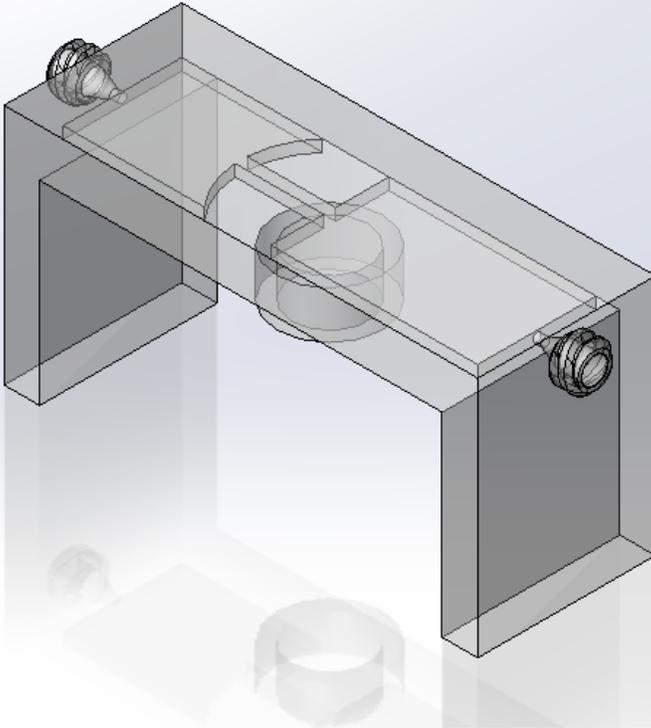
- Make a Public Invention/humanitarian engineering club at your school using this source: [link](#)
- Check out our current project ideas to join: [Google spreadsheet](#)
- Do you have some progress to share with the general public/our membership regarding your current Public Invention project? Then 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!





## QUARTERLY PROGRESS

by invention team/projects

- Veronica Stuckey had a “Eureka!” moment when our passive ferrofluid check valve worked! This is a completely new invention that will allow more efficient “laboratory on a chip” applications.
- Marc Jones and Rob created a very rough first draft of a new kind of free culture license aimed at regulatory applications.
- Rob and Patrick Henne installed VentOS on the German PolyVent prototype
- Rob delivered a paper to the 2nd International Math Association Conference on Robotics and Mathematics.
- Rob solved (with the help of Mathematica!) a significant problem in building a Stewart platform out of three inflatable spheres. This is expected to be a publishable result in the field of soft robotics.

# COMMUNITY UPDATE

For Inventors and Invention Coaches

Welcome these new members to our Admin Team:

- Social Media Coordinator, Audrey Rushing,  
**Email:** [comms@pubinv.org](mailto:comms@pubinv.org)
- Volunteer Coordinator, Miriam Castillo,  
**Email:** [volunteers@pubinv.org](mailto:volunteers@pubinv.org)

These wonderful ladies are here to help our organization grow and to help us manage all resources/opportunities available for every team. Feel free to reach out to them anytime via email if you need help promoting your projects, finding volunteers to join your team, or are interested in resources for your project team! (more to come!!)



## RESOURCES



## We are planning a RespiraCon II conference!!

**Who:** Dr. Robert Read & Dr. Sabia Abidi

**When:** Jan 29th & 30th of 2022

**Registration Link:** [Click Here!](#)

This will be available on Youtube-- definitely check it out, and subscribe to our channel for more project/conference content!

**Do you wanna learn more about us?  
Then check us out on social media!  
Follow us to stay in touch!**

## QUOTE OF THE MONTH

"The important thing is to never stop questioning."

- Albert Einstein

