GOOD NEWS

From Public Invention

RECENT ACCOMPLISHMENTS

by inventor(s) or invention teams

- **Dr. Robert Read** recently published his works on **"Calculating the Segmented Helix Formed by Repetitions of Identical Subunits thereby Generating a Zoo of Platonic Helices"** with the open-access journal, **MDPI**. Check out his full paper: **Click Here!**
- **Miriam Castillo**, our Volunteer Coordinator, shared an **open-source summit event** for August. If you are interested in Linux or open-source projects, then we implore you to attend too. **Event Link: Click Here!**
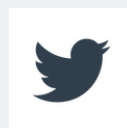
OPPORTUNITIES

- 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/any images to our Public Outreach Coordinator (Megan) for the next newsletter!
  Email: outreach@pubinv.org

QUOTE OF THE MONTH

"Talk is cheap. Show me the code."

- Linus Torvalds (main developer of the Linux kernel)

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

FOLLOW US!

OPENINGS FOR INVENTION COACHES

We're looking for Invention Coaches/volunteers interested in any STEM subject!

We offer existing project teams and concepts, but are looking for mentors to help facilitate teams of various experience levels.

Apply at the link below:
Volunteer Match Posting: <u>Click Here!</u>

Responsibilities:

We are looking for qualified mentors who have experience and prior education in STEM subjects. We are primarily seeking volunteer mentors to work with new/existing engineering teams to finish invention projects and seek either a project submission on our Github, research paper submission (if possible), or poster presentation at any conference.

Our goal is to create an open-source environment that nurtures scientists of any experience level so that more academic works are available to the general public. If you believe your interests align with our mission *(Our Website: <u>Click Here!</u>)*, then we encourage you to submit a letter of interest or any initial questions regarding this role to our Volunteer Coordinator, **Miriam Castillo** (*Contact Below*)

Volunteer Coordinator, Miriam Castillo
Email: volunteers@pubinv.org

OPENINGS FOR SOCIAL MEDIA INTERNS

We're looking for volunteer interns interested in media marketing and advertising

We are looking for college students interested in building their portfolios!

Apply at the link below:
Volunteer Match Posting: <u>Click Here!</u>
Linkedin Posting: <u>Click Here!</u>

Responsibilities:

We are looking for college students interested in building their portfolios. We are eager to find a few volunteer social media interns who have experience marketing analytics, social media trends, or development of a brand to help us maintain media coverage for our several project teams. We are primarily seeking volunteers to work with new/existing engineering teams to post updates on our existing and new invention projects. Ideally, the volunteer would help us improve at least 1 project team while joining our team.

Our goal is to create an open-source environment that nurtures scientists of any experience level so that more academic works are available to the general public. If you believe your interests align with our mission **(Website: _Click Here!_)**, then we encourage you to submit a letter of interest or any initial questions regarding this role to our Volunteer Coordinator, **Miriam Castillo** (_Contact Below_)

Volunteer Coordinator, Miriam Castillo
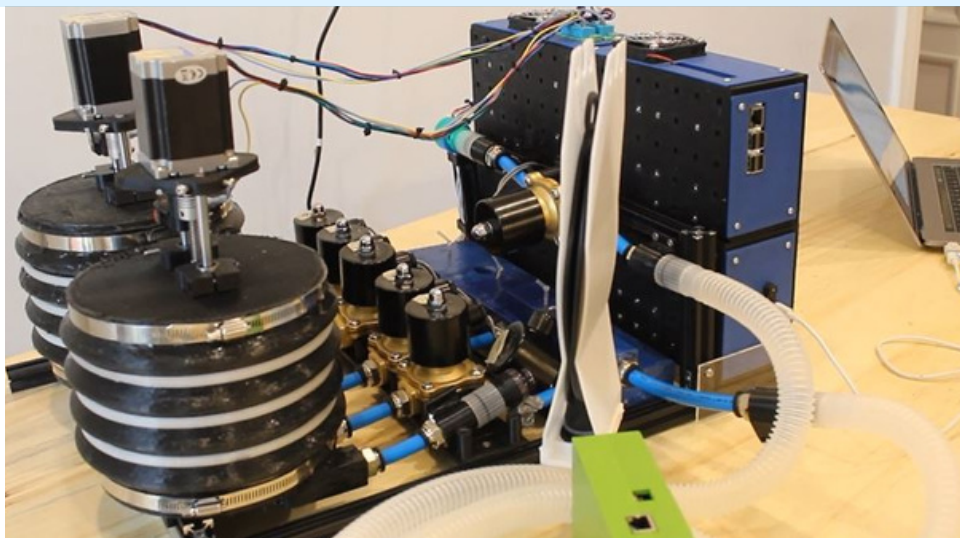Email: volunteers@pubinv.org

GENERAL PURPOSE ALARM MODULE PROJECT

Looking for volunteers interested in Arduino Programming & Hardware Design!

PolyVent Ventilation System

Want to make an impact?

Join our team!

Skills Needed!

- Arduino programming (PlatformIO to program the ESP32 hardware)
- Electromechanical design
- UX skills
- project management/product development
- I2C
- SPI (to communicate with SAMD21 motor controllers for stepper motors)

If you consider yourself an agent of change and want to improve the world, join us! Please submit your resume and a statement of interest to **volunteers@pubinv.org**

PolyVent Project Team

Our **PolyVent** team developed the ventilator system that will utilize the general alarm system you will contribute on!!

Check out PolyVent Efforts: Click Here!
Current Alarm Module Efforts: Link Here!
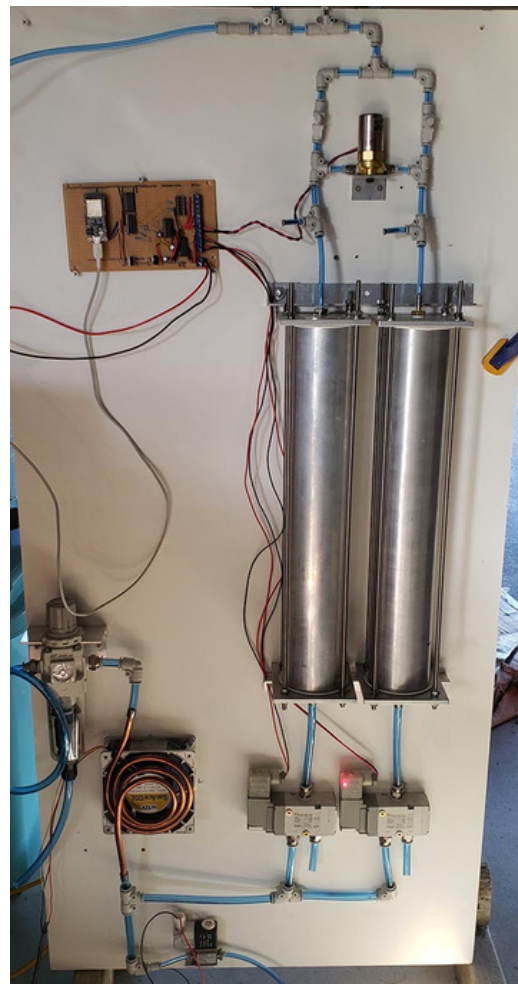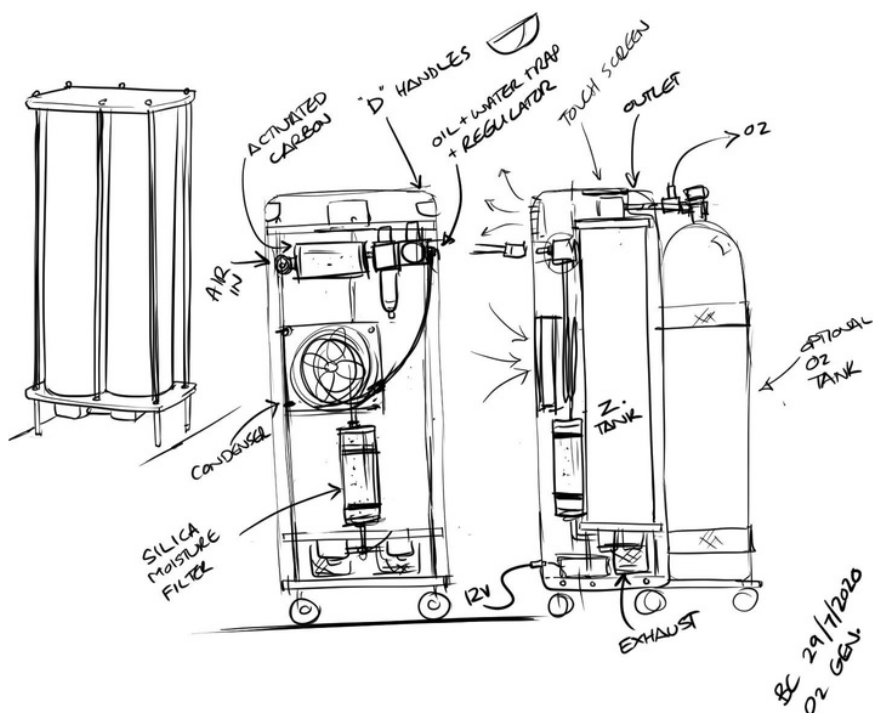
Apply at the link below:
VolunteerMatch Posting: Click Here!

GET TO KNOW OUR TEAMS:

For Inventors and Invention Coaches

The Ox Project - An Oxygen Concentrator for all

Invention Coach, **Ben Coombs**, and inventor, **Darío Hereñú**, from our **Ox Project Team** brought to fruition a scalable, open source oxygen concentrator for medical therapies in rugged environments.

The Ox Project's Github Repo: Click Here!

NOTE: If you are an **Inventor, Invention Coach,** or an **external partner** interested in offering your feedback too, then **please email us at outreach@pubinv.org** to set up a possible interview or send us your testimonial typed!