GOOD NEWS

From Public Invention

RECENT ACCOMPLISHMENTS

by inventor(s) or invention teams

- **Dr. Robert Read** and inventor **Geoff Mulligan** have finalized their contracted project with **NASA**. They collaborated on a **control system** that drives a Ceramic Oxygen Generator. Check out their efforts developed from our prior **Ox** and **VentOS** projects:
    - **Github Project Repo**: Click Here!
    - **YouTube Video on Code:** Click Here!
- **Nathaniel Bechard** completed the **PolyVent.** It was demoed at **Rice University** and used as an extra credit module in a senior bioengineering troubleshooting class.
- **Lee Erickson** and **Lawrence Kincheloe** completed the physical prototype of the **General Purpose Alarm Device (GPAD). SPEC** is planning to market this as a product in conjunction with **Public Invention.** Check out their project repo: Click Here!
- **Lee Erickson** designed a board for the **PolyVent** to use and power the **GPAD,** taking a significant step forward.

QUOTE OF THE MONTH

"There's a need for accepting responsibility - for a person's life and making choices that are not just ones for immediate short-term comfort. You need to make an investment, and the investment is in health and education."

- Buzz Aldrin

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**

WE INVENT THINGS THAT HELP ALL PEOPLE. ALL OF OUR WORK IS IN SERVICE TO NURTURE HUMANITARIAN INVENTION.

FOLLOW US!

GET TO KNOW OUR TEAMS:

For Inventors and Invention Coaches

The General Purpose Alarm Device (GPAD) Team

Robert L. Read

B.A. in Computer Science from Rice University
PhD in Computer Science from the University of
Texas at Austin
Project Lead - founder of Public Invention
Github: https://github.com/RobertLRead

Lawrence Kincheloe

Bachelors in Computer Science from the
University of Oklahoma, 2009
Public Inventor
Github: https://github.com/LokiMetaSmith

Lee Erickson

B.S. in Physics from the University of Minnesota.
Inventor Coach - hardware/firmware
Github: https://github.com/ForrestErickson

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The General Purpose Alarm Device (GPAD)

The General Purpose Alarm Device (GPAD) for medical device application is a collaboration between Public Inventors and Sustainable Progress and Equality Collective (SPEC).

This module has an enclosure and inside is an embedded microcontroller system designed with features to alert a human of a certain condition (i.e., flashes bright lights/makes loud tones).

The GPAD does not detect the conditions that need to be alarmed. It is a peripheral to a controlling host device. The controlling host will assert status through the GPAD to an end user.

GPAD 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!