



June's Learning Laboratory



What is J.L.L.?

Project Drivers: Mr. David Lundgren and Dr. Sowmya Anjur

Objectives

- What is our mission?
- What do we do?
- Printing and Curriculum
- Outreach/Website
- How you can help!

1

Our Mission

*June's Learning Laboratory advocates for a more culturally accepting society. Our innovative curriculum encourages **cultural competency in high schools**. Our service project works towards an equitable society by producing **3D printed prosthetics** for anyone in need.*

2

What's going on?

Where We've Gone, Where We're At, and Where We're Going.



Cultural Competency Curriculum

- 3-day, 6-lesson curriculum
- Dives into controversial topics
 - Small group and open-forum discussions
 - Race, culture, disabilities, and spectrum related content
- Research Study
 - Currently seeking IRB approval
 - Follows curriculum with pre/post survey and interview



SUSTAINABLE DEVELOPMENT GOALS



UN Sustainable Development Goals for JLL



OBJECTIVES

* Prep for the next "some weeks"

MUST

Publicity

→ add photos to drive

Website/Outreach

→ design

→ content → link fb





Tellabs
Stage

Continue to be a learner. Be together
and responsive to change. Fail to learn.
Dream grandly. Make a difference.
Michael, 2008

Idea
Bar
Gondig

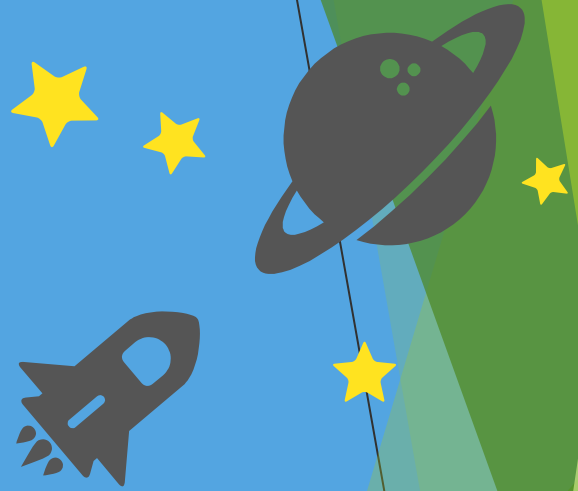
in

in2

Interest
Involve
Industry
Innovation
Institute

The Next Step

How Do We Plan to Develop Our Program?





Outreach and Publicity

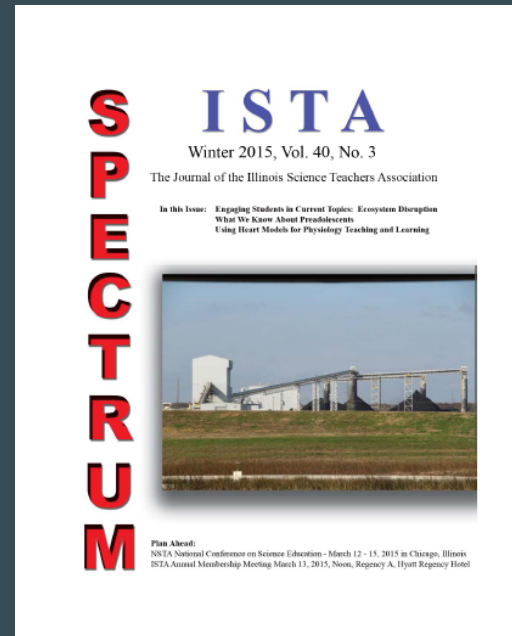
Net Access

We want to provide easy FREE access to all of our completed programs and research via our website and social media accounts.

Growing Our Curriculum Beyond IMSA

We plan to go our curriculum and service project to encompass high school students world wide.

Papers submitted to Technical Journals





Operation and Resources

Website

Our website will give everyone access to our 6-lesson curriculum and printable “how-to” guide for high school teachers that want to implement this program in their service area.

Research

You can also access the findings to our research study via the website and more instructional videos on how to build your own 3D-printed prosthetic hand.

Funding

Currently our project runs on **ABSOLUTELY NO FUNDING**. As we continue to grow, we want to get access to resources from donations and grants to aid our progress and supplementary service project.

Check JLL Out!

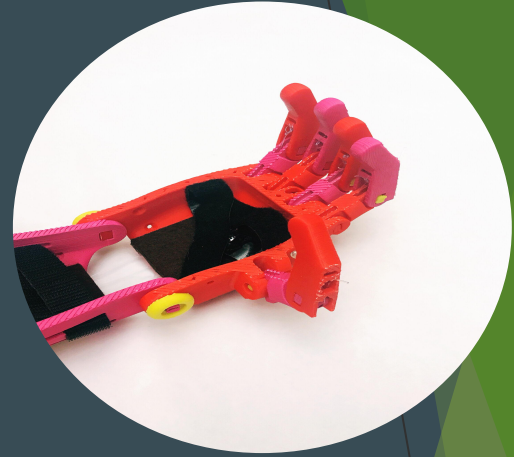
Follow JLL
on
Facebook!

[sites.imsa.edu/
juneslearninglab/](https://sites.imsa.edu/juneslearninglab/)

Contact
dlundgren@imsa.edu
for more info 😊



3



We Build Helping Hands

Seriously!



Engineering Hands for the Future

- Go beyond acknowledging the problem, we address it
- By 3D-printing prosthetics we make them more affordably
 - And supply them to those in need for FREE
 - Fully grasping
 - Fun models and designs!
- Funds
 - Most resources required here





This Is How We Do It

And you can do it too!

Our process is easy



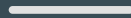
3D Print

Download and print the 3D prosthetic design.



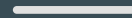
Assemble

Follow our instructions to easily build and assemble your prosthetic.



Give

Add auxiliary for comfortable usage. Then give to someone in need!

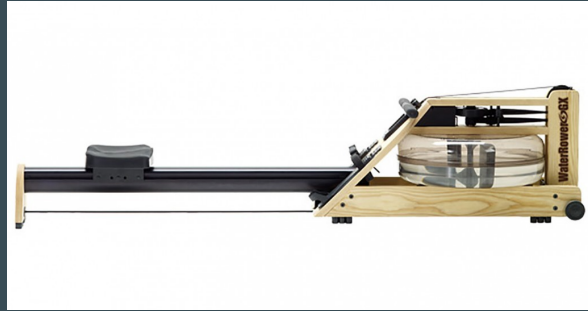


Use

Love it! Use it! Update it!



Real World Application





Your Turn!

Any questions?

JLL will be here to help