

In order to have the code do what I wanted, I had to **become** one with the code. After I learned the practice of stop, breathe, take a step back and observe when things got difficult, I was able to come back to my project and successfully fix the coding

CAMRYN PURHAM

$i = do$

[INNOVATION] = [DIVERSITY] × [OPPORTUNITY]

Regular schools don't offer engineering classes, so you have to wait until college to get the experience needed to become an engineer. Project SYNCERE exposes students to working in an environment close to that of an actual engineer

ISAIAH O'CONNOR

**ENPOWERED** Students in grades 3-12 participate in ENpowered's hands-on engineering experiences that lay the foundation for increasing their interest in and understanding in STEM.

Through our partnerships with schools, universities, community organizations and other youth serving agencies, we provide more than 2,000 students annually with exciting project-based learning experiences. Our dynamic staff of STEM collegiate students and professionals lead students through real-world engineering problems that help them understand how the work we are doing in class is connected to the real-world. We get our students excited about STEM at an early age to provide them with a strong scientific foundation and a head start in building a scientific career.

We offer three levels of ENpowered Programs:

- Elements: 2-10 hours
- Essentials: 11-30 hours
- Enhanced: 31+ hours

These programs are available to students both in and outside of the classroom during the academic year as well as during the summer months.

During the field trip to Cisco, I discovered I might want to become a Project Manager. Before this experience with Project SYNCERE, I had no idea what a Project Manager was!

JONATHAN HOWELL



WANT TO **ENPOWER** OTHERS?

We partner with schools and organizations on location to implement in-school programs, after-school programs, workshops and summer camps. We not only bring the program to your site but through our outreach with corporate partners, we may be able to supplement the cost of your program, as we've done with so many of our other program partners. Contact us to learn more about how you can help us build a culture of STEM through sustainable partnerships within the community.

**NEXT STEPS!**

- **School/Program Administrators:** Fill out a program interest form at [www.projectsincere.org/programinterest](http://www.projectsincere.org/programinterest)
- **Students/Parents:** Register for a program at [www.projectsincere.org/enpowered](http://www.projectsincere.org/enpowered)
- **Volunteers:** Register for a current volunteer opportunity at [www.projectsincere.org/volunteer](http://www.projectsincere.org/volunteer)





## YOU CAN'T BE WHAT YOU CAN'T SEE.



When students have opportunities to experience the creativity and innovation that comes with the every day challenges of science and engineering, they tend to be interested in learning more about science and engineering. Sometimes they like it so much, they grow up to be, you know -- scientists and engineers.

## TROUBLE IS, THEY NEED EXPOSURE FIRST.

ENpowered's on-site, in-school/after-school programs, summer camps and workshops open up a new world of possibilities for students in grades 1 through 12. From building prototypes to designing robotic assembly lines to coding, students engage in a set of skills and habits of mind they may not have tapped into before and - more importantly - they may want to tap into again.

We didn't have those hands-on experiences until we were in college. We thought you should experience them **before** you get to college.

## THAT'S PROJECT SYNCERE.

JASON COLEMAN  
Co-Founder  
Executive Director

GEORGE WILSON  
Co-Founder  
Finance Director

## PROGRAM GOALS:



- Increase awareness of career opportunities in STEM
- Enhance positive attitudes toward STEM disciplines
- Develop understanding of how to utilize the Engineering Design Process
- Gain skills in communication, critical thinking and collaboration
- Expose families to the value of STEM careers
- Create a pipeline of students to participate in our year-round E-CADEMY program

## OUR MISSION



Project SYNCERE (Supporting Youth's Needs with Core Engineering Research Experiments) prepares the minds of underrepresented students and creates pathways for them to pursue careers in STEM (Science, Technology, Engineering and Mathematics).

**MORE ON PROGRAM DETAILS, FUNDING ASSISTANCE, REGISTRATION REQUIREMENTS AND DEADLINES CAN BE FOUND ON OUR WEBSITE.**

[PROJECTSYNCERE.ORG/ENPOWERED](https://PROJECTSYNCERE.ORG/ENPOWERED)

9012 S. Stony Island Ave. Chicago, IL 60617  
773-982-8261  
info@projectsyncere.org



# ENPOWERED

ELEMENTARY, MIDDLE & HIGH SCHOOL  
**ENGINEERING PROGRAM**  
*Uncovering Opportunities in STEM*

