

ALUMNI NEWSLETTER

FIND YOUR PASSION AND ENGINEER IT!

Fall 2023 Rensselaer Polytechnic Institute



HAPPY SPRING!

We hope this newsletter finds you well, and that each of you are enjoying the start of the year! As always, Fall23 semester was an exciting, productive, and rewarding time for 65 EAs. This Fall was packed with 12 volunteer outreach events, 18 school visits, and 15 after school programs. We have worked with approximately 5500 students across 45 events this semester!

We were fortunate to be able to hear from so many great alumni through our alumni in industries speaker event this semester, including Sonu Chadalavada (RPI), Jami Turnquist (UNL), and Eric Moore (UConn). Our professional Development Coordinator Cullen Sheridan organized this informative alumni series event open to the entire EA Network! We love hearing what our alums are up to, and being able to ask them questions about their careers and experiences after college.

Besides, two major highlight of our Fall23 semester were the conference at University of Connecticut and Albany International Airport (AIA) event. This Fall, we have 22 new EAs joined the organization. During the conference, they learned how to make concise slides and created their own presentations. There are about 500 parents and students participated in the AIA event to learn engineering from hands on activities.





FALL 2023 EXECUTIVE BOARD



School Visit Coordinator
Phoebe Demers



President
Ben Viner



Outreach Coordinator
Isabella Legovich



Recruitment Coordinator
Gianna Scire



PD Coordinator
Cullen Sheridan



Vice Recruitment Coordinator
Jeri Stiklickas



Operations Coordinator
Wendy Chen

CURRENT EA SPOTLIGHTS

Josh Pratt

Major: Computer and Systems Engineering Minor: Music

Hometown: Holden, MA

Internship(s): Tesla

Other Involvements at RPI: I am a member of Phi Gamma Delta and the ultimate frisbee club.

Favorite Part of EA: My favorite part of EA is getting to see our outreach programs at work by going on school visits.

After RPI: I would like to go into the industry of Audio Signal Processing upon graduating RPI.

Leading/Working on EA Special Project: The EA Chip Champs initiative began in Spring 2023 and continued through the summer and fall as a program designed to create outreach materials related to the manufacturing and functionality of computer chips. Over twenty EAs got together and contributed to the project, creating two presentations and hands-on activities. The field of computer chips and domestic computer chip manufacturing is accelerating rapidly and we can't wait to help spread the news to the students of the next generation!



Nicole DiPoppo

Major: Aeronautical Engineering

Hometown: Windsor Locks, CT

Internship(s): This summer I worked at Collins Aerospace as a Project Engineering Intern. I got to help manage component redesign approvals and worked on safety documentation. My favorite project was getting to do data analysis and help write the report for testing of an AC system for an international aircraft. I also got to work offsite on vibration testing for a heat exchanger!

Other Involvements at RPI: I'm also involved in research on campus where we are exploring additive manufacturing with metal and ceramic mixtures.

Favorite Part of EA: My favorite part of EA is getting to spend time with the awesome club members. Everyone is super involved on campus in their own way, and it's so cool to see everyone coming together to help bring STEM to kids! I also love how helpful everyone is, which has made my experience as a first year EA great!

After RPI: Not sure! Maybe a job or grad school. I want to go into the Aerospace Industry. Right now I'm thinking about becoming a test or manufacturing engineer.



CURRENT EA SPOTLIGHTS

Venkat Cherukupalli

Major: Aeronautical & Mechanical Eng Minor: Economics

Hometown: Montgomery, NJ

Internship(s): My day to day tasks working as a Flight Deck Design Engineer at Boeing involves a mixture of design work, research, and physical assembly/teardown. We assess how to make the flight deck on an aircraft safer, more user friendly, and more high tech to elevate the experience for the pilots and passengers. My biggest takeaway is that safety is the backbone of every decision. Every backup plan has a backup plan, and staying humble helps you realize when your design may need some work. We're talking millions of lives per year travelling on these planes, and maintaining that standard of aviation being the safest form of travel means there constantly has to be work put into ensuring that it's as safe as can be.

Other Involvements at RPI: I am also involved with 8th wonder and SASE (Society of Asian Scientists & Engineers)

Favorite Part of EA: My favorite part has to be at the end of school visits, when we all get together outside of the school and there's that feeling of satisfaction, tiredness, and happiness that can be felt among the group. The comradery that we have makes even the longest days enjoyable, and motivates me to keep giving more!

After RPI: After finishing my undergrad, I am pursuing a Masters in Control System Design at RPI as part of the co-terminal program. Following that, I want to continue my work at Boeing, hopefully shifting my focus to the defense sector.



Anna Zuniga

Major: Industrial Eng, Communications Media and Design

Hometown: Boston, MA

Leadership/Club Involvement: I refounded a club, IISE (Institute of Industrial and Systems Engineers) chapter at rpi. I am the vp and do a lot of administrative and organizational work, collaborating with the rest of the board to build the foundation for future years. The club is separated in three main sectors: academic help, professional training, and social activities.

Other Involvements at RPI: I am a Poly editor and photographer!

Favorite Part of EA: I love working with the community and engaging with youth!

After RPI: I want to work in data science, but still figuring out exactly what I want to do.



OUR SUPPORTERS

Thank you to everyone who has supported our Engineering Ambassadors since day one. We are extremely grateful to all who have played a part in making our work possible over the past year. Here are some of the organizations and companies that have supported our program, collaborated with us, and that RPI Engineering Ambassadors have gone on to work for. We can't wait to see what opportunities the next year brings!



SOCIAL MEDIA



@rpi_ea



/RPIEngineeringAmbassadors



YouTube RPIEngAmbassadors

FEELING GENEROUS?

Simply Call RenXchange at 518-276-6055 and ask to donate to the Engineering Ambassadors fund directly. Engineering ambassadors is always willing to accept donations to help continue bringing the inspiring field of STEM to the youth.

