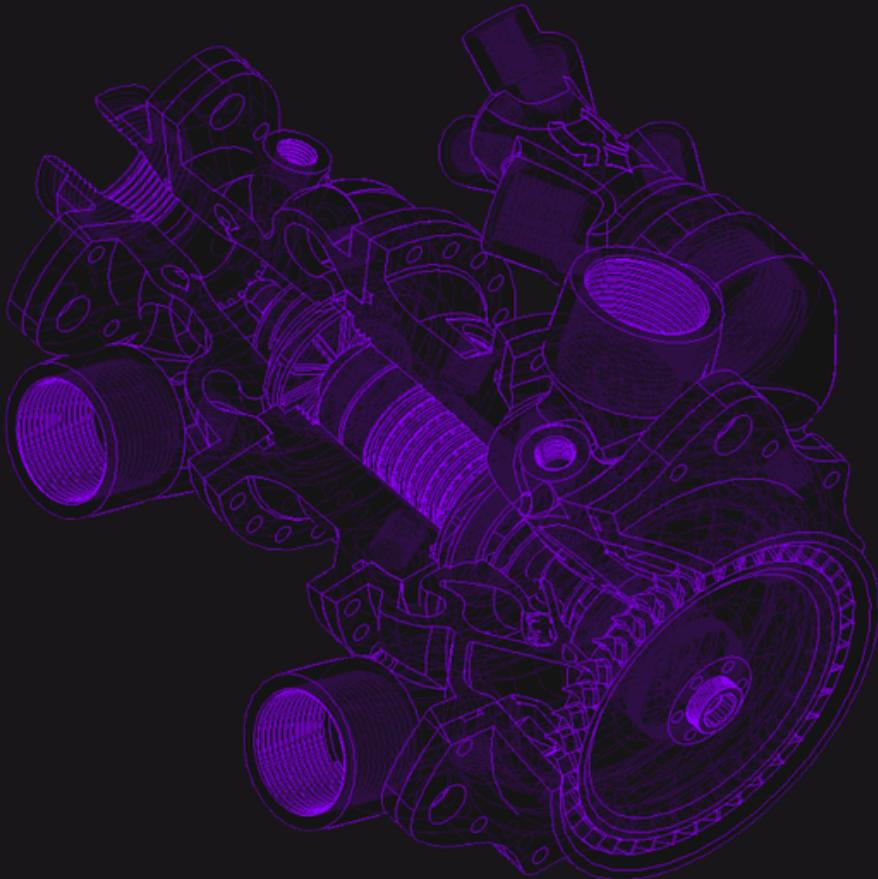




Purdue Undergraduate Rocket Propulsion Lab

Corporate Sponsor Newsletter

2025 - 2026





2025 - 2026

ABOUT US

Our vision is to provide undergraduate engineers ownership of propulsion projects, provide a more structured and inclusive framework, and ensure fair work distribution regardless of experience level.

We offer undergraduate engineers the chance to work on projects traditionally reserved for graduate students, empowering them to innovate while preparing for careers in aerospace.

Leadership opportunities and professional development workshops are a few ways we prepare our members to prepare for careers beyond engineering.



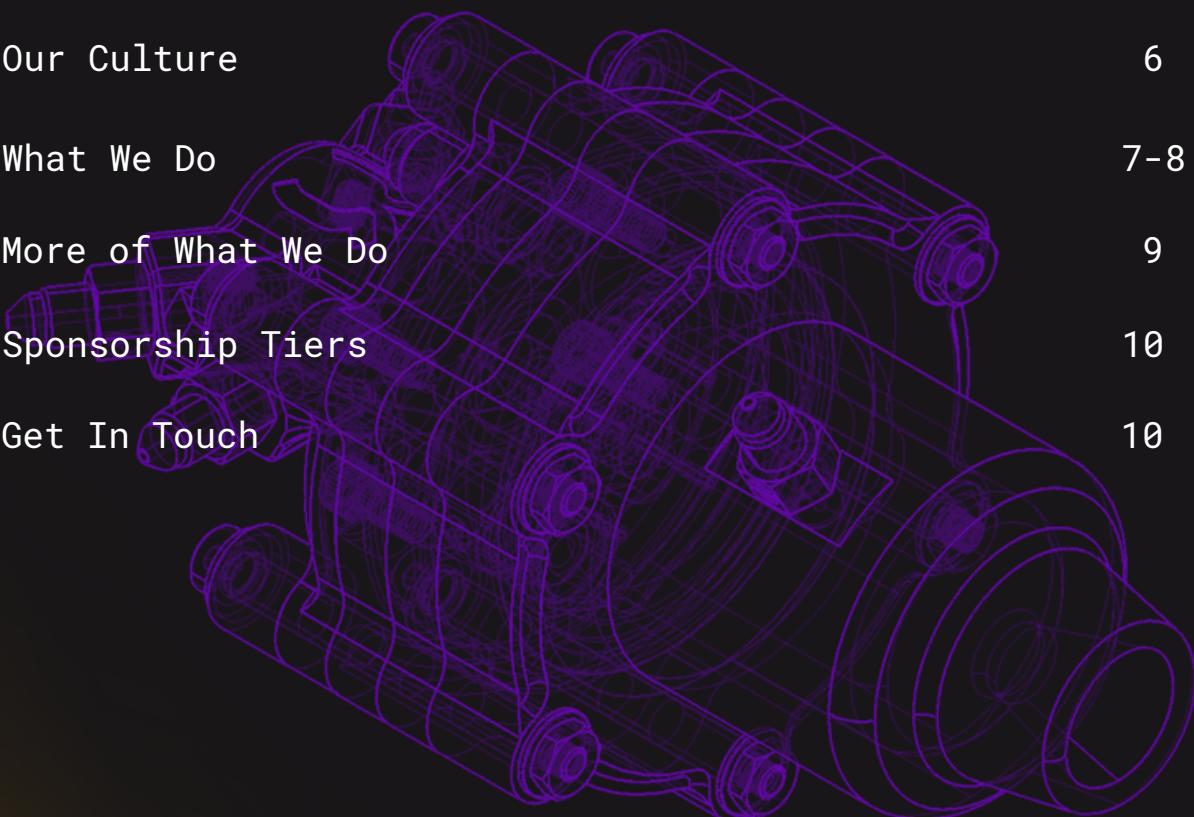
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2025 - 2026

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WELCOME FROM THE EXECUTIVES



PARTH KARANDE

— Co-President

I am a junior in Mechanical Engineering. I monitor and lead the overall operations of the club and organize connections across the aerospace industry.



MADELINE TAYLOR

— Co-President

I am a Junior in Applied Physics. I oversee general functioning and logistics of the club and coordinate work with other organizations at Purdue University.



TOBEY UHM

— Treasurer

I am a Junior in Finance and Entrepreneurship at the Daniels School of Business. I serve PURPL to help strategize diplomatic relations for our organization, oversee treasury, and reinforce our leadership in propulsion on Purdue's campus.



MAX NEITZKE

— Project Director

I am a Junior in Materials Engineering. I am committed to ensuring our projects logistical, financial, and technical needs are being met as well as representing PURPL's project teams in external affairs.



JONAH NOBEL

— Test Infrastructure Director

I am a Junior studying Aeronautical and Astronautical Engineering. I manage test operations in the club, including design, buildup, and operations of PURPL's test stands.



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LETTER TO OUR CORPORATE SPONSOR

Dear Company Representative,

Thank you for your interest in sponsoring the Purdue Undergraduate Rocket Propulsion Lab (PURPL). Our organization is dedicated to providing students with hands-on propulsion experience through projects like gas-generator turbopumps, turbojets, RDEs, and deep-space electric propulsion systems, highlighting our commitment to advancing student-led propulsion innovation.

Your sponsorship would directly support these initiatives, helping us achieve key milestones while offering your company benefits such as participation in design reviews, hosting events with our members, branding opportunities on team materials, and access to a highly motivated pool of future engineering professionals in a variety of fields. If you're interested in collaborating or exploring sponsorship options, please contact our Industrial Relations Chair, TJ Mareachen at tmareach@purdue.edu.

Best Regards,
The PURPL Community





OUR CULTURE

Training and Mentorship

PURPL places a strong emphasis on training, teaching, and mentoring its members. Senior members and alumni serve as technical mentors, offering their time and expertise to address both technical and professional inquiries.

Team Professionalism

The team implements industry-standard practices to improve communication, conduct regular design reviews to gather feedback and refine designs and processes.

Open Recruitment

PURPL is open to all Purdue students aligning with PURPL's mission, welcoming anyone passionate about aerospace to learn, grow, and prepare for a future in the industry.

Hear What Annelie Gustafsson Has to Say

"Joining PURPL has been one of the highlights of my first year – the community is welcoming, and there's a genuine commitment to collaboration and learning. I've gained a lot of practical skills and been able to work on some cool projects, getting early technical experience in engineering."

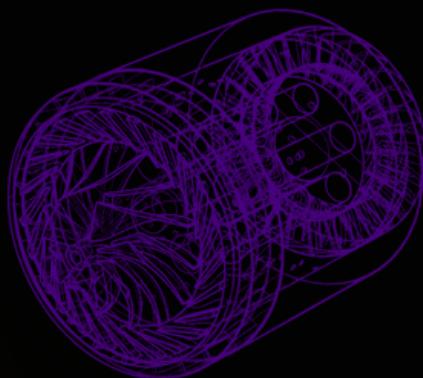
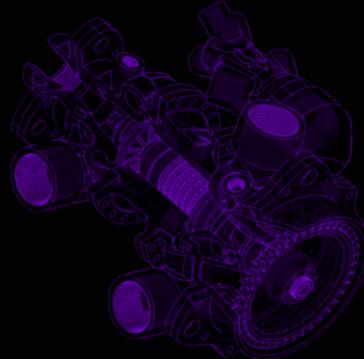




WHAT WE DO

GAS-GENERATOR CYCLE TURBOPUMP

This 5,000 pound-force kerosene and liquid oxygen rocket engine will make PURPL the first undergraduate team to hot fire a gas-generator cycle turbopump in the world.

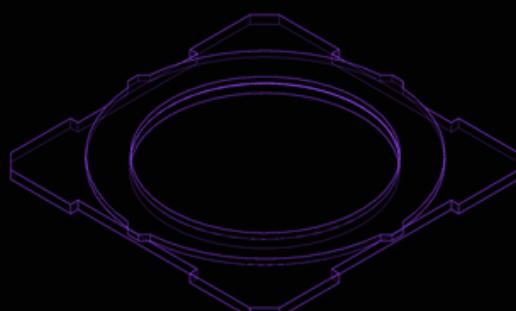


TURBOJET

Just like a commercial jet's engines, but scaled down to 50 pound-force. PURPL's turbojet team is developing an air breathing engine sized to power medium to small UAV's.

HALL EFFECT THRUSTER

PURPL's electric propulsion team is working hard at Purdue's Electric Propulsion Laboratory to design, build, and test their own highly efficient deep space propulsion device.

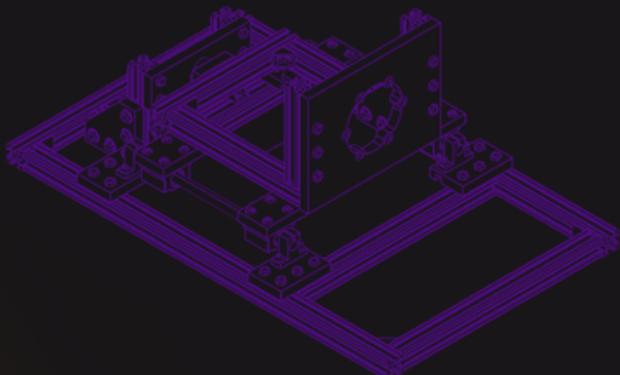
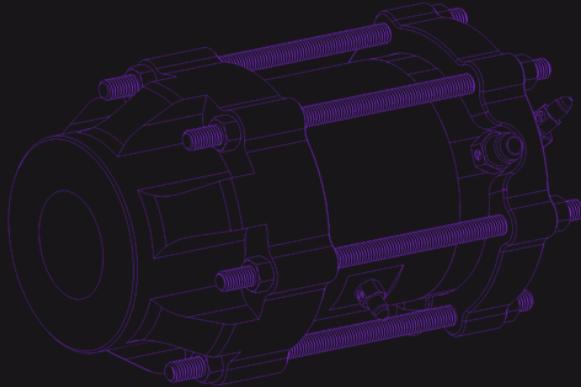




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MAELSTROM ENGINE

Designed to allow the Testbed Team to compete in the RRS regeneratively cooled engine competition in Mojave, where PURPL stands a chance to win \$50,000.

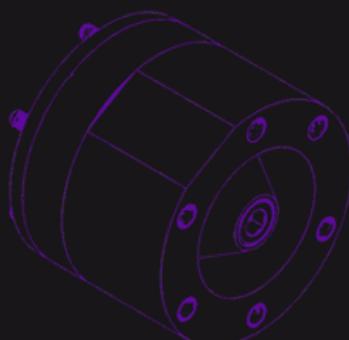


MOBILE 5000 LBF TEST INFRASTRUCTURE & TEENY-K

PURPL's test infrastructure team develops and builds the thrust structures, fluid systems, and data acquisition systems that make our projects breathe fire.

ROTATING DETONATION ENGINE

This new project will be a fully student-built RDE project that will be combined with turbines for clean energy research.

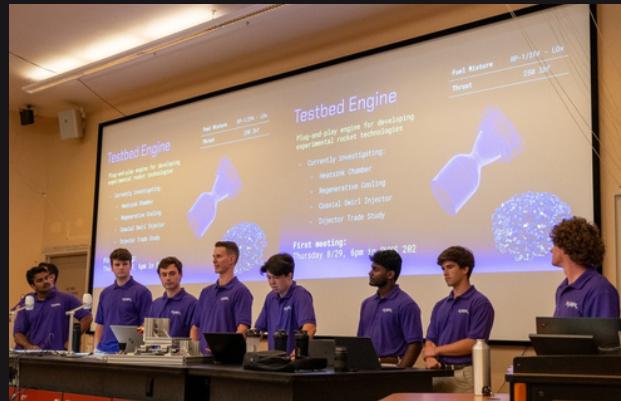




MORE OF WHAT WE DO

+ ROCKET SCIENCE FOR DUMMIES LECTURE SERIES

Each semester we offer a 7-week lecture series called Rocket Science for Dummies, building up from the basics to advanced rocket propulsion. On top of student-led presentations, we also have professor-led lectures on advanced researched topics.



+ PROFESSIONAL & TEAM DEVELOPMENT

As a student organization focused on bringing out the fullest potential of our members, we offer professional development opportunities, and networking events with many community building activities as well.

+ INCLUSIVE MENTORSHIP

As a student organization focused on giving all Purdue community members access to hands-on activities, we connect new members of all backgrounds to mentors in our club. Additionally, PURPL partners with organizations on campus focused on empowering students from underrepresented groups in engineering to empower the aerospace community at Purdue.





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SPONSORSHIP TIERS

	Silver ≤ \$2,500	Gold ≤ \$7,500	Platinum > \$7,500
Name on PURPL Website	✓	✓	✓
Exposure on Social Media	✓	✓	✓
Logo in Team Workspace	✓	✓	✓
Access to Resume Book		✓	✓
Logo on Sponsored Hardware		✓	✓
PURPL Merchandise		✓	✓
Exclusive Networking Event with Team			✓
Preferred Logo Placement			✓
Personal Design Presentation			✓

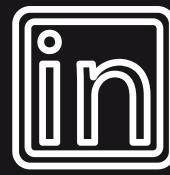
Any material or service sponsorship will be considered equal to its monetary value. Any sponsorship involving a software license for the team's use is considered a Silver tier donation.

For companies interested in **only** hosting an exclusive networking event with the team, there is a required sponsorship of \$500 per event.

GET IN TOUCH

WWW.PURPL.SPACE

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PURPL24@PURDUE.EDU

@PURPL