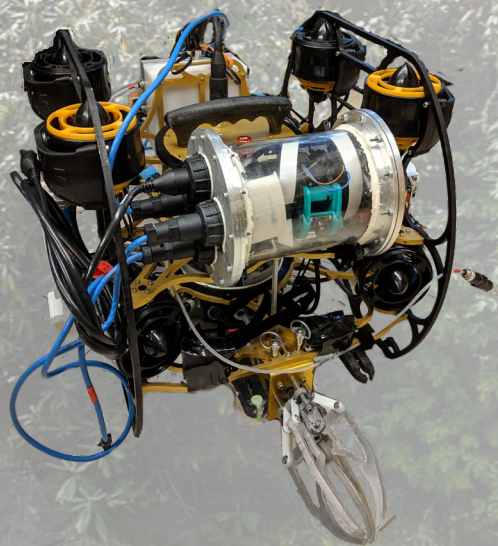


PROVEN ROBOTICS



Purdue University
West Lafayette, Indiana, USA

2017 Finish: 18th Place
Estimated Travel: 242 Miles
Year Competing: Tenth Year
Members: College Freshman - Senior
ROV REMORA



Total Mass in Air: 15.51 kg
Overall Dimensions: 60.66 cm with claw
Primary Material: Aluminum 6061 T-6, Polylactic acid (PLA), Polycarbonate
Total Cost of ROV: \$7,938.73
Total ROV Design Work-Hours: 7000 Hours
Safety Features: Master Fuse, Thruster Shrouds, Software Diagnostic Tool, Manual Disengagement, Rounded Edges, Pressure Release Valve
Special Features: Custom Printed Circuit Boards (PCBs), Waterjet-cut frame, Pneumatically actuated primary manipulator and three other payload tools.

Name, Position (New Members Denoted by *)

Alexander Ruffino	Chief Executive Officer	Daniel Romane*	Electrical Department	Nitya Agrawal*	Mechanical Department
Jason King	Electrical Department Head	Jessica Krawitz*	Electrical Department	Rafay Imran*	Mechanical Department
Jonathan Kline	Mechanical Department Lead (Fall)	Justin Zhang*	Electrical Department	Romir Damle*	Mechanical Department
Tyler Stagge	Mechanical Department Lead (Spring)	Logan Grissom*	Electrical Department	Scott Hotchkiss	Mechanical Department
Ben Maxfield	Software Department Co-Lead	Melchor De La Garza	Electrical Department	Jason Jeon*	Mechanical Department
Ian Sibley	Software Department Co-Lead	Ryan Pearson*	Electrical Department	Charles Li	Software Department
Alexander Gebhardt	Tools and Thrusters Head	Sam Deghuee	Electrical Department	Dhruv Ramanujan*	Software Department
Cynthia Zatlakowicz	Power and Enclosures Head	Sam Welsh*	Electrical Department	Gautam Fotedar*	Software Department
Grant Geyer	Sensors and Cameras Head	Abhignan Saravana*	Mechanical Department	Jason Chamness*	Software Department
Jacob Bobson	Logic and Enclosures Head	Aidan Molnar	Mechanical Department	Jeremy Chang	Software Department
Oluwatobi Ola	Surface and Frame Head	Angelo Guarnera*	Mechanical Department	Carrie Li*	Software Department
Christopher Laszlo*		David Ho*	Mechanical Department	Jieun Lee	Software Department
	Sponsorship Coordinator/Mechanical Department	Haley Nelson	Mechanical Department	Jonathan Heidegger*	Software Department
Logan Walters		Joseph Navarra*	Mechanical Department	Keith Aylwin	Software Department
	Sponsorship Coordinator/Mechanical Department	Katherine Mao	Mechanical Department	Lindsey May	Software Department
Eric Sibley	Pilot/Software Department	Keith Preston*	Mechanical Department	Nicolas Franssen*	Software Department
Alexander Wilson*	Electrical Department	Matthew Eagon	Mechanical Department	Youngsik Yoon	Software Department
Callum Gundlach*	Electrical Department	Max Mergentime	Mechanical Department	Zach Gerra	Software Department
Connor Swift*	Electrical Department	Nathan Fei*	Mechanical Department		

Mentors

None