**ROV REMORA**

*Purdue University, West Lafayette, Indiana, USA*

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

**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:** MasterFuse, 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**
  - Electrical Department Head
- **Jason King**
  - Electrical Department Head
- **Jonathan Kline**
  - Mechanical Department Lead (Fall)
- **Tyler Stagge**
  - Mechanical Department Lead (Spring)
- **Ben Maxfield**
  - Software Department Co-Lead
- **Ian Sibley**
  - Software Department Co-Lead
- **Alexander Gebhardt**
  - Tools and Thrusters Head
- **Cynthia Zalokowicz**
  - Power and Enclosures Head
- **Grant Geyer**
  - Sensors and Cameras Head
- **Jacob Bobson**
  - Logic and Enclosures Head
- **Oluwatobi Ola**
  - Surface and Frame Head
- **Christopher Laszlo**
  - Sponsorship Coordinator/Mechanical Department
- **Logan Walters**
  - Sponsorship Coordinator/Mechanical Department
- **Eric Sibley**
  - Pilot/Software Department
- **Logan Stagge**
  - Electrical Department
- **Eric Kaye**
  - Electrical Department
- **Luke Johnson**
  - Electrical Department
- **Will Schrage**
  - Electrical Department
- **Johnathan Heidagger**
  - Software Department
- **Even Squart**
  - Software Department
- **Abhignan Saravanan**
  - Software Department
- **Daniel Romans**
  - Mechanical Department
- **Jessica Krawitz**
  - Mechanical Department
- **Justin Zhang**
  - Mechanical Department
- **Logan Grissom**
  - Mechanical Department
- **Melchor De La Garza**
  - Mechanical Department
- **Ryan Pearson**
  - Mechanical Department
- **Sam Degheue**
  - Mechanical Department
- **Sam Walsh**
  - Mechanical Department
- **Abhignan Saravanan**
  - Mechanical Department
- **Aidan Molnar**
  - Mechanical Department
- **Angelo Guarnieri**
  - Mechanical Department
- **David Ha**
  - Mechanical Department
- **Halcy Nelson**
  - Mechanical Department
- **Joseph Navarro**
  - Mechanical Department
- **Katherine Mac**
  - Mechanical Department
- **Keith Preston**
  - Mechanical Department
- **Matthew Long**
  - Mechanical Department
- **Max Mergentime**
  - Mechanical Department
- **Nitya Agrawal**
  - Mechanical Department
- **Nafay Imran**
  - Mechanical Department
- **Romir Damle**
  - Mechanical Department
- **Scott Hatchkiss**
  - Mechanical Department
- **Jason Jeon**
  - Mechanical Department
- **Charles Li**
  - Mechanical Department
- **Dhruv Ramanujan**
  - Mechanical Department
- **Gautam Fotedar**
  - Mechanical Department
- **Nathan Fei**
  - Mechanical Department
- **Youngsik Yoon**
  - Mechanical Department
- **Zach Gerra**
  - Mechanical Department
- **Alexander Wilson**
  - Electrical Department
- **Callum Gundlach**
  - Electrical Department
- **Connor Swift**
  - Electrical Department
- **Mentors**

**Mentors**
- **Alexander Ruffino**
- **Jason King**
- **Jonathan Kline**
- **Tyler Stagge**
- **Ben Maxfield**
- **Ian Sibley**
- **Alexander Gebhardt**
- **Cynthia Zalokowicz**
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