

# UWROV

UnderWater Remotely Operated Vehicles

University of Washington  
Seattle, WA United States



Distance to Internationals:  
~4,495 Miles / 7,235 Kilometers

CEO/CFO: Juliana Pesavento\*  
(2<sup>nd</sup> Year)

COO: Erica Sampaga\*  
(3<sup>rd</sup> Year)



## Electrical Team

Ryan Cox<sup>+</sup>\* (4<sup>th</sup> Year)  
Aaron Mau (1<sup>st</sup> Year)  
Camila Palacio (1<sup>st</sup> Year)  
Joe Koch (3<sup>rd</sup> Year)  
Lin Li (3<sup>rd</sup> Year)  
Wanxiang Cai (1<sup>st</sup> Year)

## Mechanical Team

Adrian Junus<sup>+</sup>\* (4<sup>th</sup> Year)  
Jessica Noe<sup>+</sup> (3<sup>rd</sup> Year)  
Jordan Walrath (3<sup>rd</sup> Year)  
Kyle Carlson (3<sup>rd</sup> Year)  
Randy Hemion (1<sup>st</sup> Year)

## Programming Team

Tyler Yeats<sup>+</sup>\* (2<sup>nd</sup> Year)  
Iain Bromley (1<sup>st</sup> Year)  
Jonathan Phippen (1<sup>st</sup> Year)  
Max Shao (1<sup>st</sup> Year)

\**Returning member*  
<sup>+</sup>*Chief of team*

## A dmare

Total Cost of ROV: \$10,000

Safety Features:

- Emergency Stop
- 15 and 20A Fuse
- Slightly Buoyant

Special Features:

- Pneumatic robotic arm with wrist movement and capability to be rotated 90° up or down
- High definition video
- Xbox controller for driving
- Umbilical cord tether provides ethernet and power

