



# FINNOVATORS

Newport, OR, USA

NHS Robotics, Newport High School



## **Company Specs:**

Distance to internationals: 1562 km

Second MATE ROV Competition Entry

All team members are in 12th grade

## **Team Members:**

Natalie DeWitt—17 (Chief Executive Officer)

Jostan Brown—18 (Chief Mechanical Engineer)

Alex Rash—18 (Chief Financial Officer)

Gatlin Andrews—18 (Chief Electrical Engineer)

Ryan Russell—18 (Systems Engineer)

Sophie Goodwin-Rice—18 (Marketing)

Ruben Krueger—18 (Research and Development)

Damion Chavez—17 (Chief Operations Officer)

## **Mentors:**

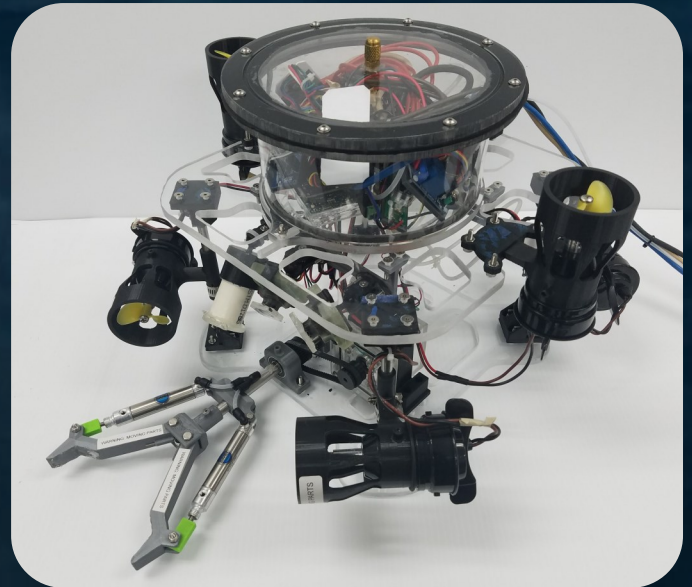
Alex Turpin - Life Coach

Ben Capshaw - Pneumatics / Electronics

Corey Gillen - Programming

Jordan Colmenero - Electronics

Liz Fox - Coordination



## **ROV Specs:**

Name: "Finnobot"

Total cost: 1,070 USD

Size: 32 x 33 x 33 cm

Weight: 10.6 kg

Total student hours: 800

## **Safety Features**

- Shrouds covering propellers
- Fuse to prevent overcurrent
- Emergency shut-off switch
- Safety labeling

## **Special Features**

- Custom 3-D printed parts
- Original Arduino and Python software
- Flexible, light-weight tether
- Rotating claw
- Modular rail-mount system