

# The Robot Factory 4-H Club



## Competition Experience:

- 2011 Great Lakes Regional Sixth Place Finish
- 2012 Great Lakes Regional Second Place Finish
- 2012 MATE International Robotic Competition
- 2013 Great Lakes Regional First Place Finish
- 2013 Great Lake Regional First Place Mission Award
- 2013 Great Lakes Regional First Place Poster Award
- 2013 MATE International Robotics Competition

## ROV Specs:

6 Kilograms without tether  
Framed mostly with PVC  
30 cm x 25 cm x 42 cm  
25 amp in-line fuse  
Valued at \$750.00  
2,200 miles traveled

## Research Experience:

2011 NOAA R/V *Storm*

- Six open water dives on two wrecks

2011 *Lady Michigan*

- Supervised eight open water dives on three wrecks

2013 4-H Club Engineering Mentors



# UR<sup>2</sup>

# Underwater Rescue Robot



**The Underwater Rescue Co.**  
The Robot Factory 4-H Club  
500 W. River Street  
Alpena, Michigan

## Special Features

- 15 Meter Tether
- Mechanical Gripper
- 2 Mega ballast floats

## Special Sensors

- 12 Meter External Thermometer
- Digital Data Collection System

## MEET THE UNDERWATER RESCUE ROBOT TEAM

**ELIZABETH THOMSON**  
CEO/SAFETY OFFICER



**NATE COSBITT**  
PILOT



**JOSH BEATTY**  
DATA SPECIALIST



**BREANNA DOMRASE**  
PAYLOAD SPECIALIST



**SAVANNAH THOMSON**  
LEAD ENGINEER



**SAM BEATTY**  
PILOT

