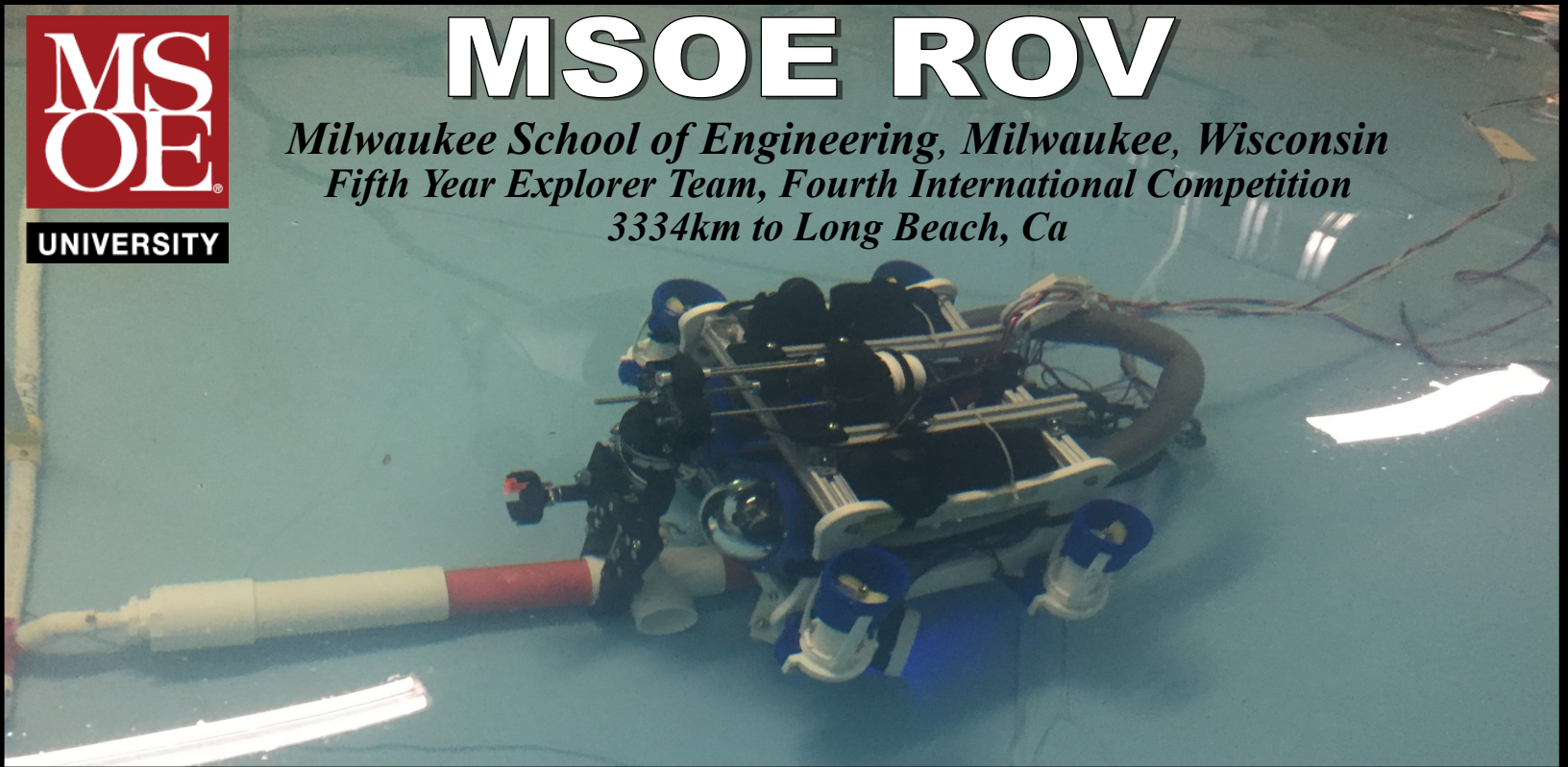


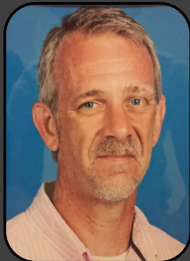


MSOE ROV

Milwaukee School of Engineering, Milwaukee, Wisconsin
Fifth Year Explorer Team, Fourth International Competition
3334km to Long Beach, Ca



Dr. Matt Schaefer



Associate Professor
Faculty Advisor

Allison Ahern*



Junior
CEO

Jason Julius*



Junior
CTO-Mechanical

Woodrow Walker*



Junior
CTO-Electrical

Robert Gillig*



Junior
CFO

Bobby Getka*



Junior
Software Engineer

ROV Specs

Approximate Cost: \$4,871

Primary Materials: HDPE, polycarbonate, aluminum, hot glue, and zip ties

Approximate Dimensions: 30cmx30cmx60cm

Approximate Weight in Air: 19kg

Student Hours to Design: > 200 hours

Safety Features: automatic motor shut off after loss in communication software kill switch, guards on all moving parts, fuses in place on the high side

Special Features: Wide angle color cameras, custom 3-axis Voith Schieder Propeller, high sensitivity depth sensor for control loops, high torque gripper, individual control of motors



The team's logo

Samuel Jasmer



Freshman
Mechanical Engineer

Joshua Gustafson



Freshman
Mechanical Engineer

Katie Kershaw



Freshman
Electrical Engineer

Johnny Cameron



Freshman
Electrical Engineer

*indicates a returning member