

# How to build an electric boat?

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# UConn Electric Boat Club

Subtitle



UConn electric boat



UConn Electric Boat Club  
In Virginia Beach (April 2025)



AMERICAN SOCIETY OF NAVAL ENGINEERS

# UConn-URI Navy STEM coalition

Advancing Naval Careers Through Higher-ed Outreach and Research (ANCHOR)



The UConn-URI Navy STEM Coalition



2017



2021



**NDEP**

NATIONAL DEFENSE  
EDUCATION PROGRAM

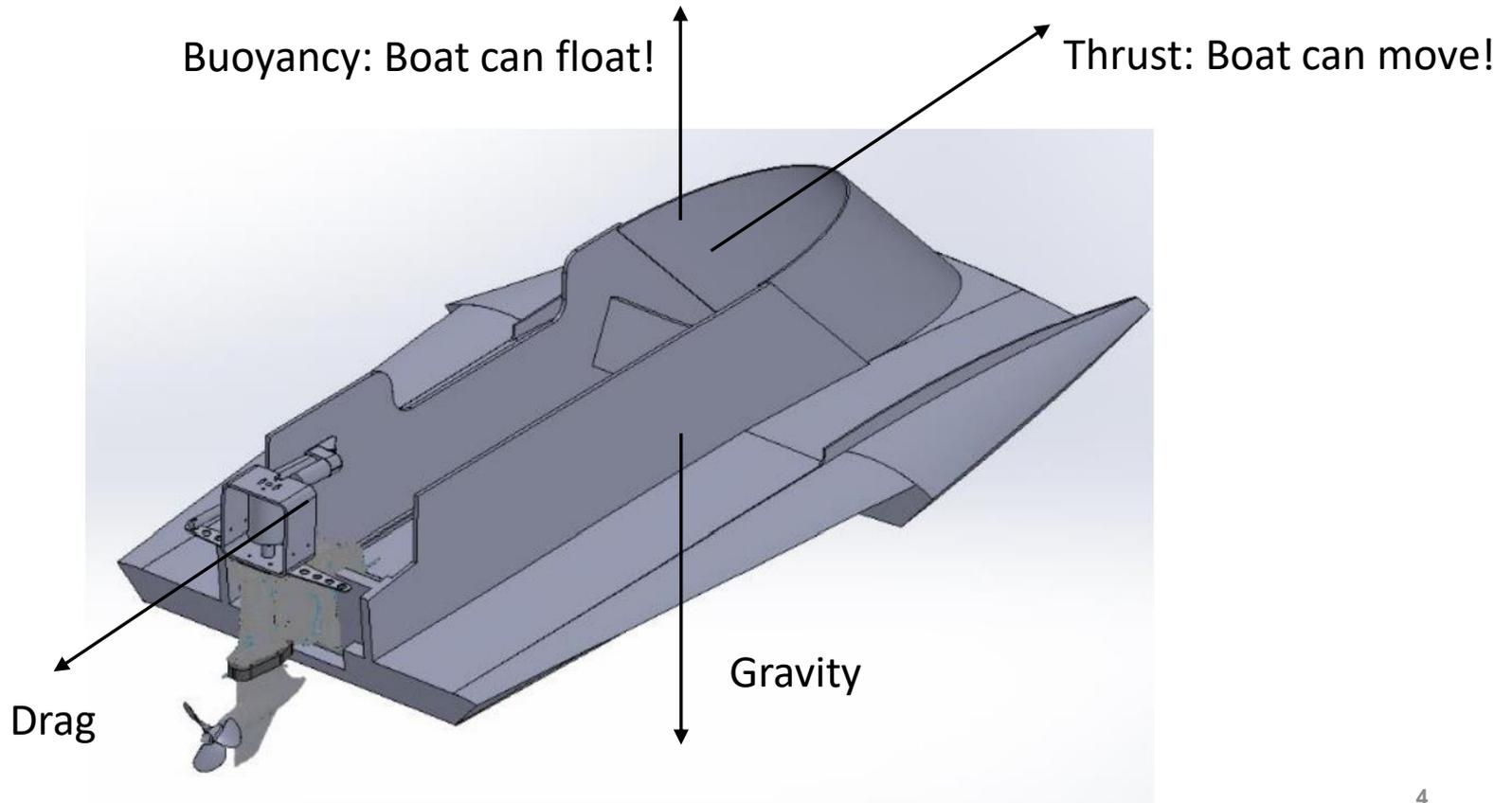


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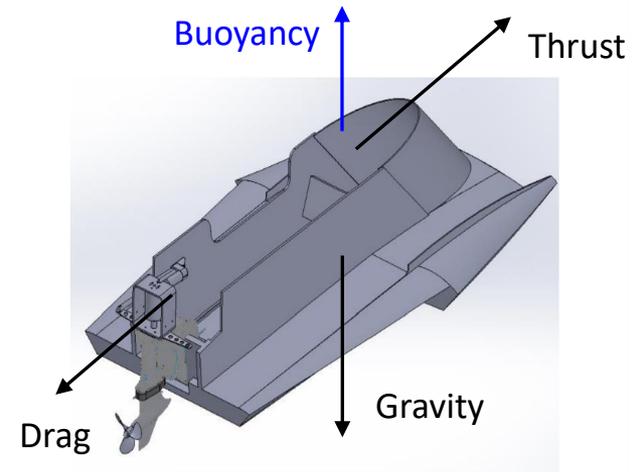
2025

**GENERAL DYNAMICS**  
Electric Boat

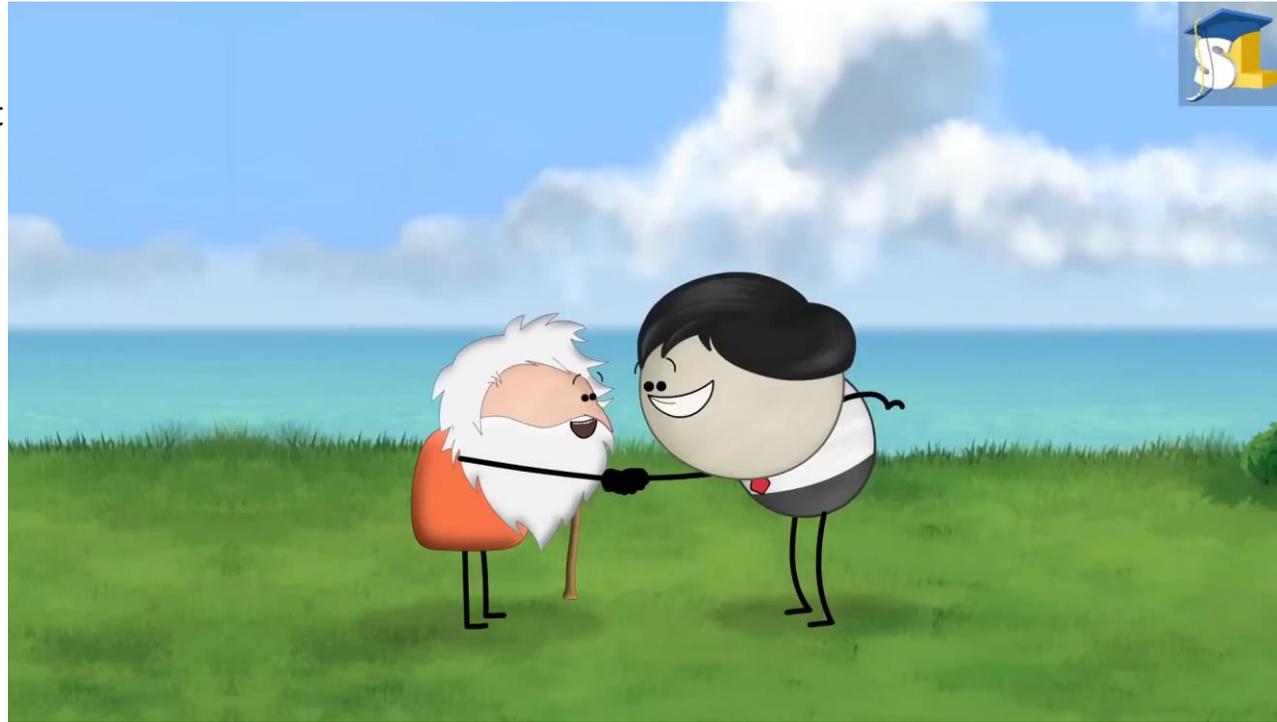
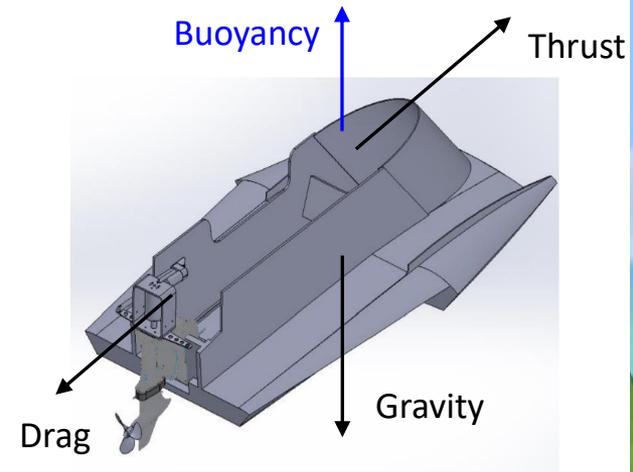
# How to build a boat?



# Buoyancy: how to make boat float?



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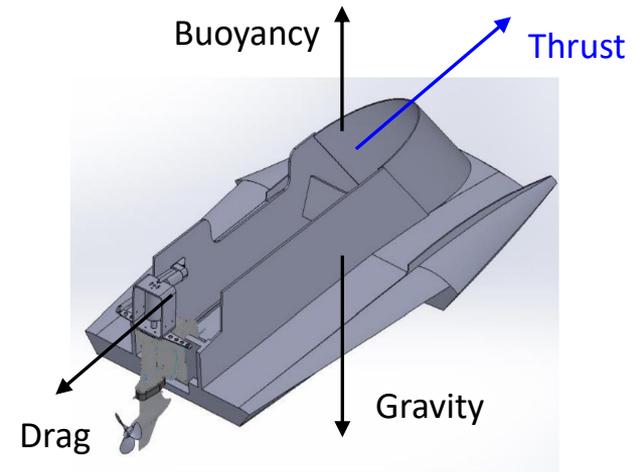
# Thrust: how to make boat move?

## Water jet propulsion

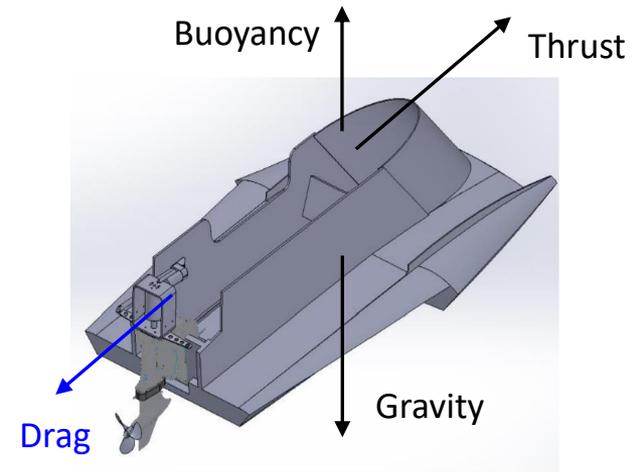


# Thrust: how to make boat move?

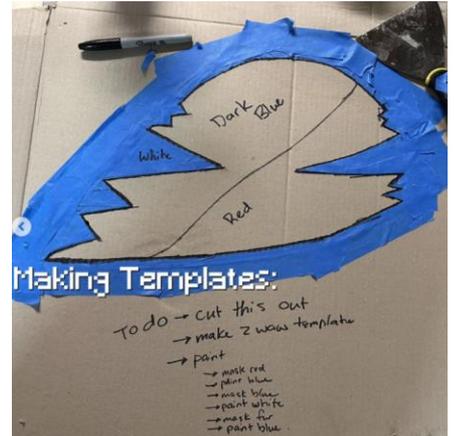
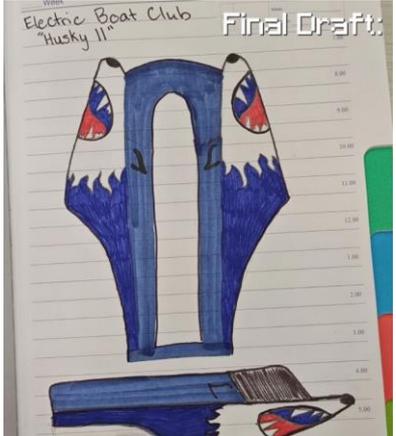
## Propellers



# Drag



# Painting on the boat!



# Boat is ready!



2025 Team



2024 Team

# Let us move the boat to water!

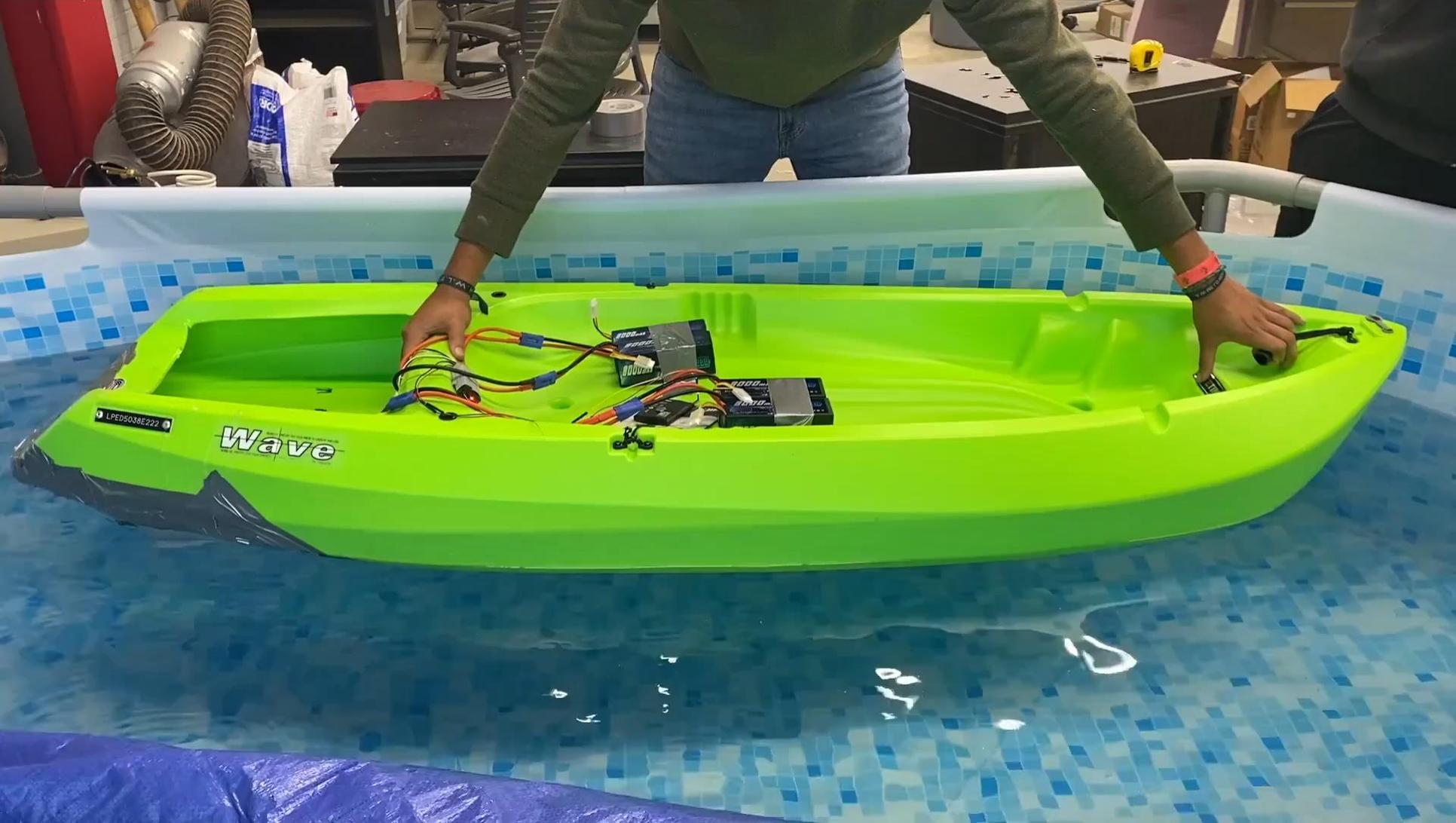




NAVY STEM COALITION







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Wave

