



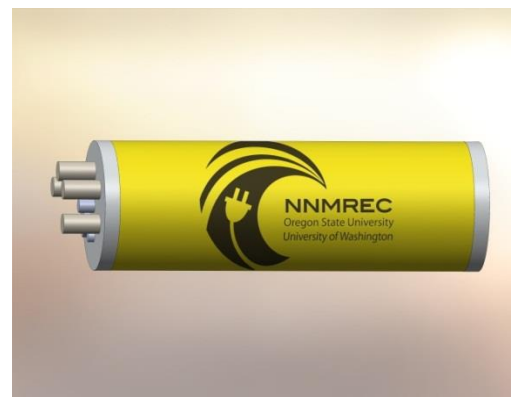
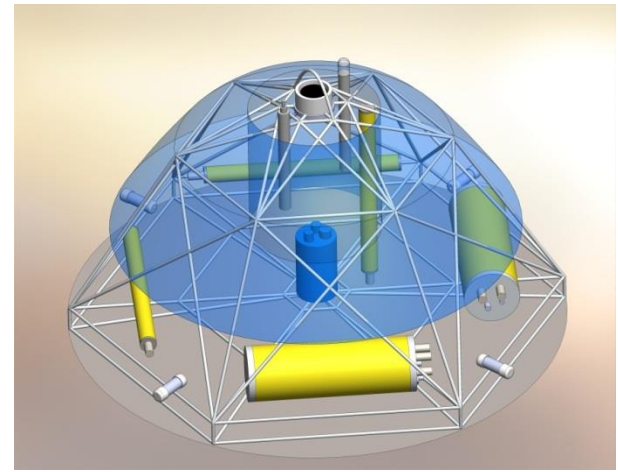
# OCEAN BOTTOM MULTI-PHYSICS MONITORING SYSTEM

**Brady Fry**

**Mentored By:  
Dr. Adam Schultz**

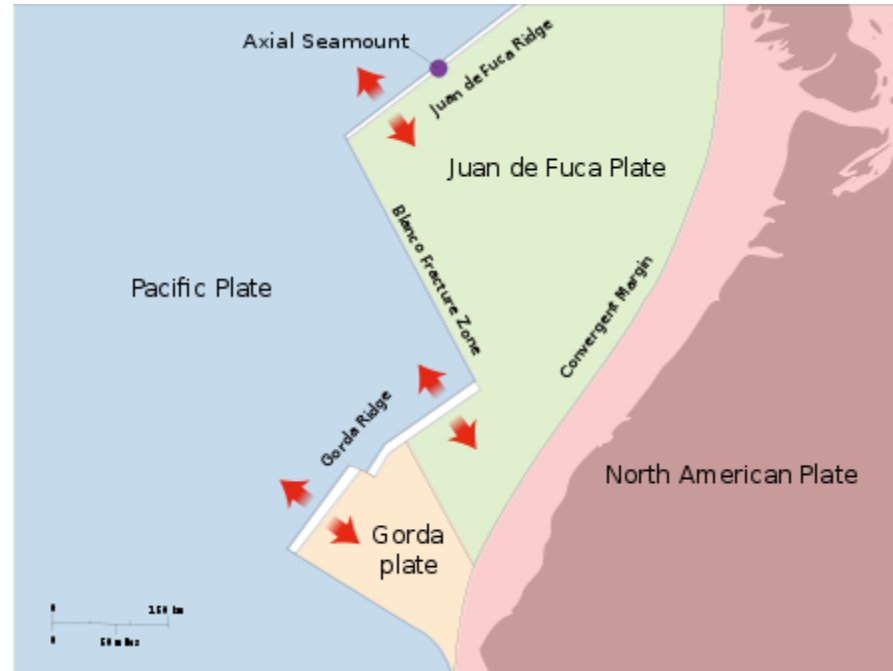
# WHAT ARE WE DOING?

- Autonomous ocean bottom lander
- All-inclusive monitoring system
  - Seismometer
  - Magnetometers
  - Electrometers



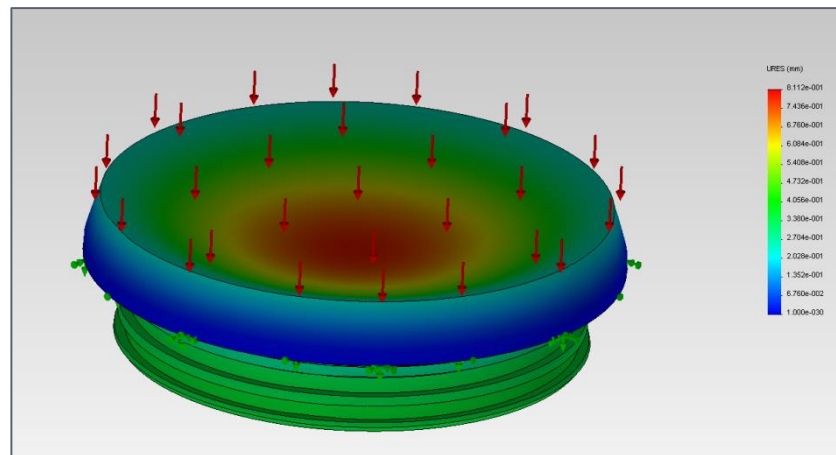
# WHY DO WE NEED THIS LANDER?

- One of a kind!
- Environmental Assessment
- Seismic Hazard
- Geophysical Studies for Natural Resources



# HOW ARE WE MAKING THIS HAPPEN?

- Computer Aided Design
  - SOLIDWORKS
  - UNDER PRESSURE
- Water Pressure Chamber
- Shallow Water Deployments



-END OF PRESENTATION-



○ Questions

