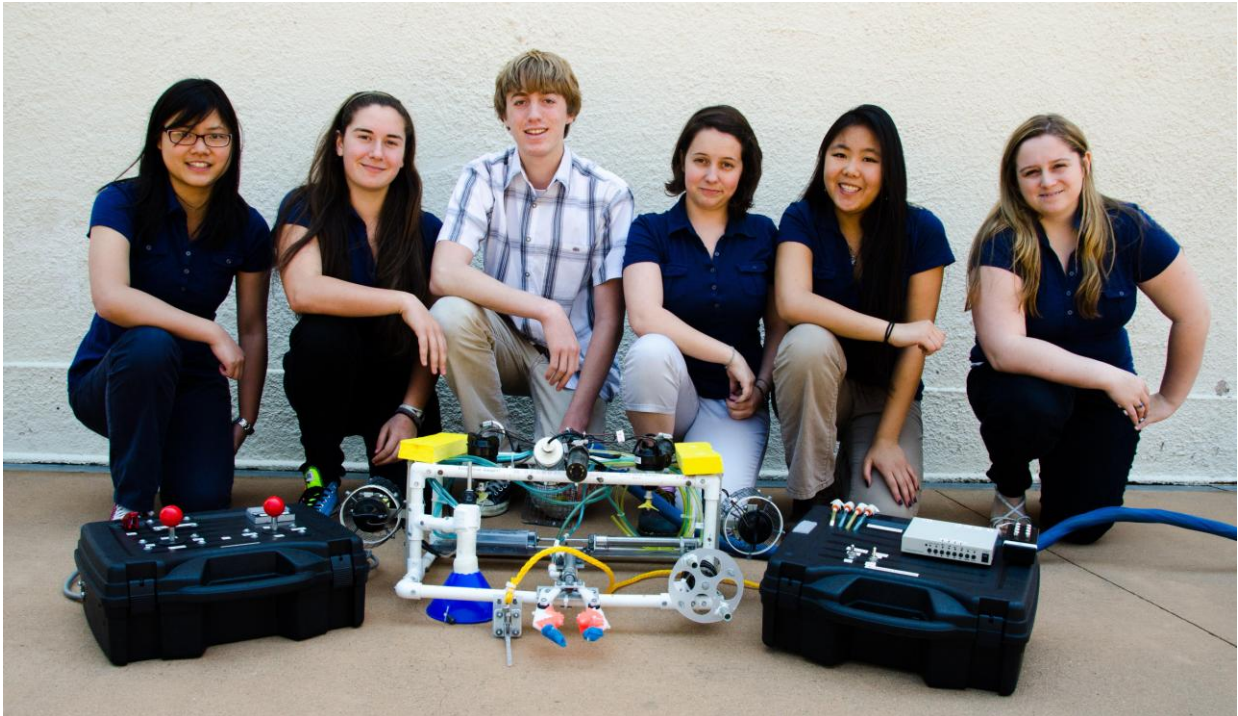


## Global Ocean Exploration Systems

*Providing surveying, sampling, and completion of underwater task around the world.*



**G.O.E.S. Employees along with GOES 1 and control boxes.**

Left to right: Shunyi Dai- Instrumentation Specialist (Junior-new)  
Helaina Hurwitz-Tether and Buoyancy (Freshman-new)  
Sam Olivas- Pilot (Junior-new)  
Ivy Arkfeld-C.E.O. (Junior-returning)  
Rita Preciado- Electrical Engineer (Junior-returning)  
Madison Fetyko- Communications Director (Senior-returning)

### **Mission College Preparatory High School San Luis Obispo, California**

Returning MATE ROV international competition participant  
Travel Distance to international: 1800 miles  
Approximate Cost: \$2100.00  
Primary Materials Used: PVC frame, zip ties  
Approximate Dimensions: 43cm by 30cm by 21cm  
Total Mass in Air: 6.4 kg

Safety Features: Kill switch, fuses, caution labels, startup safety check, mesh motor coverings  
Special Features: Joystick operated motors, custom waterproofed cameras, custom designed circuit boards for control system