

# Slugbotics

University of California, Santa Cruz  
Santa Cruz, CA, USA  
3495 km from Kingsport, TN

**Total cost:** \$2,306.12

**Dimensions:** 55.4cm x 34.8cm x 32.0cm

**Weight:** 14lbs 6.58kg

**Total student hours:** 2250

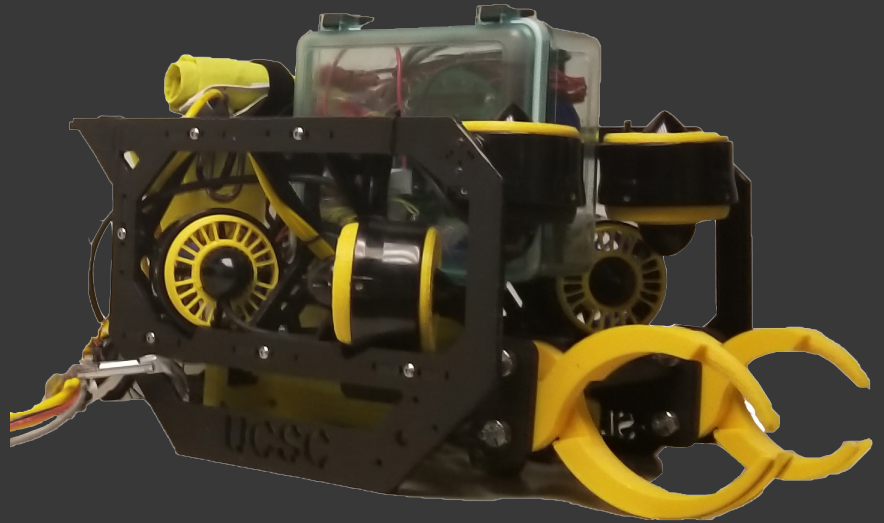
First year participating in MATE

### Special Features:

Dual Claws and Lift Bag, Mechanized Item Dispenser,  
Full 6-Axis Motor Control, Moveable External Camera  
With Magnetic Mount, Reliable Sensor Package, Modular  
Electronics Design

### Safety features:

No underwater disconnects, Power switch relay, Separate  
AC/DC switches, Emergency stop button, Motor shrouds,  
Pressure regulator and pressure release valve, Transparent  
control box and electronics enclosure, Positive buoyancy



**ROV: BIG SLAB**



### Front row (left to right):

**Rohan Tuli** (2nd year, CEO/Topside Electronics Lead), **Theo Kell** (2nd year, COO /Underwater Electronics Lead), **Ryan Meckel** (2nd year, CFO/Business Lead), **Isaac Trimble-Pederson** (1st year, Software Lead), **Wren Sakai** (2nd year, Mechanical Lead), **Kanoa Nakama** (2nd year, Mechanical Lead), **Daniel Walton** (2nd year, Mechanical/ $\mu$ ROV)

### Middle Row:

**Nathen Ly** (3rd year, Electronics/Power Conversion), **Ash Whipple** (1st year, Mechanical/ $\mu$ ROV), **Jeremy Diamzon** (4th year, Mechanical/Buoyancy), **Sean Layno** (2nd year, Mechanical/Frame), **Jack Lin** (1st year, Mechanical/Item Dispenser)

### Back row:

**Andrew Gavgavian** (1st year, Software/Motor Control), **Phil Datte** (3rd year, Electronics/Power Conversion), **Robert Meier** (2nd year, Software/User Input), **Kyle Worcester-Moore** (1st year, Mechanical/Claws), **Surya Auroprem** (1st year, Business/Outreach)