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 Tulu (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/μROV)

Middle Row: Nathen Ly (3rd year, Electronics/Power Conversion), Ash Whipple (1st year, Mechanical/μROV), Jeremy Diamzon (4th year, Mechanical/Buoyancy), Sean Layno (2nd year, Mechanical/Frame), Jack Lin (1st year, Mechanical/Item Dispenser)

Back row: Andrew Gavaganian (1st year, Software/Motor Control), Phil Datta (3rd year, Electronics/Power Conversion), Robert Meser (2nd year, Software/User Input), Kyle Worcester-Moore (1st year, Mechanical/Claws), Surya Auroprem (1st year, Business/Outreach)