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Changing the world, one student at a time



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Matt Bromage, age 23

- ▶ B.S., Computer Engineering, UCSC, 2005
- ▶ Ph.D., Computer Engineering (anticipated 2008)
- ▶ Developer, SEA-LABS Wireless Sensor Network

Supported by:

- ▶ UCSC Center for the Dynamics and Evolution of the Land-Sea Interface Graduate Fellowship
- ▶ Friends of Long Marine Lab Research Award
- ▶ Ferd Ruth Award, Myers Oceanographic and Marine Biology Trust

Undergraduate Matt Bromage developed SEA-LABS, a device that tracks environmental changes that are killing the world's coral reefs. Built at the request of UCSC biologist Donald Potts, Matt's sensor enables scientists to monitor remote environments affordably, in real time. Student-support gifts from donors helped make Matt's design and its real-world application possible.

The financial support Matt received expanded his educational opportunities—giving him the time, confidence, and encouragement to innovate. Now the recipient of a UCSC graduate fellowship, Matt plans to launch two SEA-LABS prototypes off the coast of Hawaii as part of his Ph.D. focus. Future applications for his device could include early detection of tsunami-sized waves and affordable habitat monitoring for developing nations.

Gifts that support UCSC students are gifts that change the world. The time to giveto.ucsc.edu is now. For more information, call Jennifer M. Wood at (831) 459-2489, or e-mail jmwood@ucsc.edu.