

## Why Ostracod?

Ostracod are small, bioluminescent shrimp, about the size of a sesame seed. The Ostracod use their bioluminescent displays for both warding off predators and attracting mates, often resulting in impressive coordinated displays seen in warm, shallow waters around the world.

About 70,000 species of Ostracod have been identified, with many having distinct differences in the intensity, duration, size, and coordination their of bioluminescent displays. By cataloguing these displays and with the matching them sequenced genomes of different Ostracod species, UCSB's EEMB department intends to further our knowledge of bioluminescence and the genes behind it, perhaps for use in future genetic engineering experiments.

### <u>Stereo Cameras</u>

Two Watec 920h extreme low light cameras in 3D-Printed Camera Mounts

MobileMule<sup>TM</sup> 2100 2-Channel Mobile DVR, toggled by a YourDuino IR Receiver Kit and remote



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# OstraCam2











University of California Santa Barbara - College of Engineering - ECE 189 A/B Capstone - 2016/2017

Special Thanks to: Caio Motta, Todd Oakley, John Johnson, Celeste Bean, Niko Hensley