



# BIOSPHERE

## The Weekly Bulletin of Biology

### Biology Colloquium

Friday Feb. 27, 2 PM in EH2132

**Dr. Gretchen Hofmann**

Department of Ecology, Evolution and Marine Biology, UC Santa Barbara

**“Ocean acidification and its impacts on coastal marine ecosystems”**

### Biology Winners at Student Research & Creative Works Symposium

#### ● Oral Presentations (Session 6)

1<sup>st</sup> — Joshua Shipp (adv. Dr. Karels) “Mammalian perception of danger and safety in bird alarm and song calls, using the California ground squirrel”

2<sup>nd</sup> — Carly Ryan (Adv. Dr. Dudgeon) “The importance of intra-specific competition in driving morphological selection in *Hydractinia symbiolongicarpus*”

#### ● Oral Presentations (Session 7)

1<sup>st</sup> (undergraduate) — Alexandra Forest (Adv. Dr. Murray) “Study of bacteria as biocatalysts for the hydrolysis of p-Nitrophenyl Picolinate”

#### ● Oral Presentations (Session 8)

1<sup>st</sup> — Melissa Spitler (Adv. Dr. Carpenter) “Factors influencing the distribution and abundance of the dominant macroalgal species on coral reefs in Moorea, French Polynesia”

2<sup>nd</sup> — Danny Green (Adv. Dr. Edmunds) “Effects of substratum on the ecophysiological success of juvenile corals in St. John, US Virgin Islands”

#### ● Poster Presentations

1<sup>st</sup> — Sam Amirshahi (Adv. Dr. Stein) “A yeast-two hybrid approach to determine if *Legionella pneumophila* effector proteins alter host cell vesicle formation”

3<sup>rd</sup> — Jessica Beach (Adv. Dr. R. Medh) “Regulation of GC-evoked leukemic CEM cell apoptosis by *C. elegans* ces2 ortholog E4BP4”