



# *Biosphere*

## The Weekly Bulletin of Biology

### Biology Colloquium (Friday 2 PM in EH 2132)

Dr. Allen Showalter

Dept. of Environmental and Plant Biology, Ohio University

*“Plant Arabinogalactan-Proteins:  
Structure, Expression, and Function”*

- *12<sup>th</sup> Annual Student Research and Creative Works Symposium* — On Friday Nov. 30<sup>th</sup>, biology undergraduate and graduate students presented 10 oral presentations and 25 posters to their fellow students and faculty. Congratulations to all those students who participated in the remarkable representation of our department in this multidisciplinary event. Special congratulations to our following winners:
  - **1<sup>st</sup> Place Oral Presentation (Biology)** — **Nancy Muehllehner** (advisor Dr. Edmunds) *“Rising CO<sub>2</sub> disproportionately affects extension rates versus mass deposition rates in reef corals”*
  - **2<sup>nd</sup> Place Oral Presentation (Biology)** — **William Goldenheim** (advisor Dr. Edmunds) *“Positive interactions within intertidal plant populations”*
  - **3<sup>rd</sup> Place Oral Presentation (Biology)** — **Jenevieve Polin** (advisor Dr. Summers) *“Up-regulation of 5 genes during akinete development in cyanobacteria”*
  - **1<sup>st</sup> Place (tie) Poster (among all disciplines)** — **Yasuko Hirakawa** (advisor Dr. R. Medh) *“Glucocorticoid evoked up regulation of the regulator of calcineurin 1 isoform 1 (RCAN1.1) correlates with apoptosis in human leukemic CEM cells”*
  - **2<sup>nd</sup> Place Poster (among all disciplines)** — **Svetlana Yusopova** (advisor Dr. Summers) *“Characterization of akinete-specific genes”*
- *Grants* — Dr. Robert Espinoza and colleagues in Argentina have received a \$72K grant from CONICET (Argentina’s equivalent to NSF) to test the potential effects of climate change on ectothermic vertebrates in Patagonia
- *Publications* — Dr. Larry Allen and colleagues have a new publication published in *Fisheries Research* on the return of the white seabass fishery