



Biosphere

The Weekly Bulletin of Biology

Biology Colloquium (Friday 2 PM in CR 5125)

Dr. Mike Summers, Ph.D (CSUN)

*“Proteomic and Genetic Insights into the Role of
Cyanobacteria Lipid Droplets ”*

CSUN Receives Top-25 Ranking from Nature Index

Several Biology faculty, postdocs, and students contributed to CSUN’s recent honor, which included the greatest increase in publication rate in top-tier journals for any research institution or university in North America.

New Publications

Undergraduates **Roonalika Wisidagama**, **Lynnea Waters**, **Richard Sims**, and **Travis Morford**, along with their research mentor **Dr. Cindy Malone**, have a new paper out in *Gene Reports* titled, “Functional identification and evolutionary conservation of the *yme111* mitochondrial integrity gene promoter”.

Dr. Michael Summers and colleagues have a new paper out in *Geobiology* titled, “Hopanoids play a role in stress tolerance and nutrient storage in the cyanobacterium *Nostoc punctiforme*”.

Heghush Aleksanyan, **Jing Liang**, and **Drs. Stan Metzenberg** and **Steven Oppenheimer** have a paper in *Zygote* titled, “Terminal alpha-d-mannosides are critical during sea urchin gastrulation.” Heghush and Jing were supervised by Dr. Oppenheimer for their Master’s degrees.

Erica M. Holdridge and **Dr. Catalina Cuellar-Gempeler**, a MSc graduate and postdoc in the laboratory of **Dr. Casey terHorst**, published their article titled “A shift from exploitation to interference competition with increasing density affects population and community dynamics in *Ecology and Evolution*.”

Biotechnology & Bioengineering has published, “EGFR-targeted Chimeras of *Pseudomonas* ToxA released into the extracellular milieu by attenuated *Salmonella* selectively kill tumor cells” by **Dr. David Bermudes** and student coauthors **David Quintero**, **Jamie Carrafa** and **Lena Vincent**.

Alum Receives Prestigious Fellowship

Dr. Brad Erisman, a former Biology MSc student supervised by **Dr. Larry Allen** and currently an Assistant Professor of Fisheries Ecology at the University of Texas, Austin Marine Science Institute, received a National Academy of Sciences Early Career Fellowship.

Outstanding Panel Service

Dr. Steve Oppenheimer served as a virtual grant-review panelist for two programs: (1) AAAS/NSF STEM Career and Educational Mentoring, during which he enthusiastically discussed his K–12 and undergraduate research programs, and (2) NSF's Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (INCLUDES).

The 2016 Fall Tech Fest

Tuesday Sept 13, 10:00 am - 3:00 pm , USU, Northridge Center

Join over 45 employers who cannot wait to meet you! These employers will be offering full time, part time, and internships positions to CSUN Students. Get a head start by researching them on SUNlink, and start preparing your resume.

If you have any questions, call the CSUN Career Center at (818) 677-5563