



BIOSPHERE

The Weekly Bulletin of Biology

Biology Colloquium: Friday, 6 February 2015, 2:00 pm in CR 5125

“The Evolution of the Heat Shock Response and Thermotolerance: Tales from Near and Far”

Elizabeth Waters, Ph.D.
San Diego State University

Women in Science Meet Today

Come join the Women in Science group as we discuss our exciting project ideas for this semester. We will be meeting on the first Monday of each month at 11 am. Our welcome meeting is 2 February in CR 5201.

Last Chance to Add/Drop!

This is the last week for you to add and drop courses yourself. So log into SOLAR to make sure you are enrolled in all the classes you think you signed up for (and no more). Starting next week changes will require administrator permission and are only granted under extraordinary circumstances that were out of your control.

New Publication

Genome Biology has published, “Temporal variability is a personalized feature of the human microbiome” by Dr. **Gilberto Flores** and coauthors. Read more about it in [CSUN Today](#).

Prokaryote Job Candidates

The Department is searching for a new Microbiology Professor who studies prokaryotes. Please come meet the candidates. Seminars are in CR 5102.

- Dr. Cristian Ruiz-Rueda will speak Friday, 6 February at 10 am on: “Multidrug resistance in bacteria: molecular mechanisms and detection.”
- Dr. Tricia Van Laar will speak Monday, 9 February at 10 am. Her title is: “Good drugs gone bad: an investigation of antimicrobial resistance/tolerance in war wound pathogens.”
- Dr. Maude David will speak Wednesday, 11 February at 10 am on: “Multi-omics assessment of active microbial populations in soil contaminated by chlorinated solvents.”

Send impressions to Dr. [Larry Baresi](#), chair of the search committee.

New Biology Book

The prestigious publisher W. W. Norton & Company has published a general education textbook, *Biology Now*, coauthored by our own Dr. **Cindy Malone** and three eminent coauthors. [Check it out!](#)

New Stem Cell Funding

Dr. **Jonathan Kelber's** Developmental Oncogene Laboratory was awarded a grant from Medtronic Minimed to fund their study of, "Function and mechanism of Cripto/oepr in stem cells and tissue regeneration."

Interviewed for eLife Podcast

Jessica Cinkornpumin, in Dr. **Ray Hong's** lab, was interviewed for the [eLife podcast](#) (Episode 16 at about 23 minutes). This was a follow up on a paper they published in *eLife* journal. They studied a gene in a nematode that is specific to its ability to interact with a specific pheromone in its host beetle.

At Neuroscience Meeting

CSUN Biology was well represented at the Society for Neuroscience meeting. The seven posters listed below were from Dr. **Randy Cohen's lab**:

- **Kara Jew** and **Brieana Rodriguez** presented, "Application of the rotarod to monitor progressive Purkinje cell death exhibited in an animal model of cerebellar ataxia."
- **Shahab Younesi**, **Toni Uhlendorf**, **Kara Jew**, and **Brandon Griess** presented, "Neuroprotective advantages of aerobic exercise are diminished by a high-fat diet in the spastic Han-Wistar

rat, a model of ataxia."

- **Carli Opland** and **Angelica Cruz** presented, "GABA receptor activation diminishes excitotoxic damage in the spastic Han-Wistar rat, an animal model of ataxia."
- **Sabrina Uppal** and **Jackie Saenz** presented, "Do human pluripotent stem cells ameliorate NMDA-induced hippocampal degeneration and related functional deficits?"
- **Rus Nuryyev** and **Toni Uhlendorf** presented, "Transplantation of human fetal stem cells reveals structural and functional improvements in the spastic Han-Wistar rat model of ataxia."
- **Fabian Martinez** and **Menaga Shanmugam** presented, "Efficacy of employing intracerebral ventricle infusion as a means for transplanting human neuronal stem cells."
- **LaFrance Daniels** presented, "Identifying serotonergic neurons in the brain of the cockroach *Rhyarobia maderae* implicated in the regulation of carbohydrate self-selection feeding behavior."

From the lab of Dr. **Maria Elena de Bellard**, **Darwin Martine**, **Michelle Reyes**, **Nora Zuhdi**, and **Hannah Ra** presented, "Neural crest micro array after Slit2 gain of function."

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Department of Biology

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