**Introduction** – Linda Duguay, Wrigley Institute Director of Research and USC Sea Grant Director

**Chris Suffridge** – USC Department of Biological Sciences, Program in Marine Biology and Biological Oceanography MBBO, Advisor, Sergio Sanudo-Wilhelmy

*Wrigley Institute Summer Fellow*

“Diel Periodicity of Particulate B–Vitamins in the San Pedro Channel”

**Hantten Han** – USC Department of Earth Sciences, Program in Ocean Sciences MBBO, Advisor, James Moffett

*Victoria J. Bertics Summer Fellow*

“The distribution of reduced sulfur in Catalina Harbor sediment by two low-detection limit methods”

**Bonita Lam** – USC Department of Biological Sciences, Program in Marine Biology and Biological Oceanography MBBO, Advisor, Ken Neaslson

*Victoria J. Bertics Summer Fellow*

“Shifts in Microbial Community Structure with Changes in Cathodic Potential in Marine Sediment Microcosms”

**Ella Sieradzki** – USC Department of Biological Sciences, Program in Marine and Environmental Biology MBBO, Advisor, Jed Fuhrman

*Norma and Jerol Sonosky Environmental and Alternative Energy Summer Fellowship*

“Microbial communities along a gradient of urban pollution”

The symposium and individual presentations are archived at:
https://capture.usc.edu/Mediasite/Catalog/Full/3109174bbbd4422e86ca533d8d9f5ea921
Nathan Churches – USC Department of Biological Sciences, Program in Molecular and Computational Biology
MCB, Advisor, Sergey Nuzhdin
Wrigley Institute Summer Fellow
“The Road to Genomic Selective Breeding in Commercially Valuable Shellfish”

Patrick Sun – USC Department of Biological Sciences, Program in Marine Biology and Biological Oceanography
MBBO, Advisor, Susan Edmands
Wrigley Institute Summer Fellow
“Quantifying environmental variability in supralittoral tide pools and its impact on pollution tolerance of a marine crustacean Tigriopus californicus”

Sam Ginther – California State University, Northridge, Department of Biology
Advisor, Mark Steele
Wrigley Institute Summer Fellow
“Effects of an invasive alga on kelp forest habitat”

Jeff Joseph Celaje – USC Department of Chemistry
MBBO, Advisor, Travis Williams
Norma and Jerol Sonosky Environmental and Alternative Energy Summer Fellowship
“The First Catalyst for Efficient Dehydrogenation of NEAT Formic Acid into H₂ and CO₂”

Zhi Zhu – USC Department of Biological Sciences, Program in Marine and Environmental Biology
MBBO, Advisor, Dave Hutchins
Wrigley Institute Summer Fellow
“The effects of ocean acidification and warming on trophic transfer of Domoic Acid”
Yukun Lin – Harvey Mudd College, Department of Computer Science
Advisor, Chris Clark
Wrigley Institute Summer Fellow

“Fine Scale Motion Tracking of Leopard Sharks with Autonomous Underwater Vehicles”

Xiaoshen Yin – USC Department of Biological Sciences, Program in Marine and Environmental Biology MBBO, Advisor, Dennis Hedgecock
Wrigley Institute Summer Fellow

“Genetic Bases Underlying Early Mortality in Pacific Oysters”

Megan Hall – USC Department of Biological Sciences, Program in Marine Biology and Biological Oceanography MBBO, Advisor, Andy Gracey
Wrigley Institute Summer Fellow

“Molecular and growth response of *Mytilus californianus* larvae to short-term copper exposure”

Parker House – California State University, Northridge, Department of Biology
Advisor, Larry Allen
Wrigley Institute Summer Fellow

“The Return of the King: Giant Sea Bass and the Effects of Fishing on the Kelp Forest Fish Community off Southern California”

Wrap up – Linda Duguay

Unable to participate –

Sean Canfield – University of Hawaii
Advisor, Dave Carlon now at Bowdoin College
Wrigley Institute Summer Fellow
“Do Lazy Sharks Evolve Faster?”
J.R. Brian Clark – California State University, Northridge
Advisor, Larry Allen
Wrigley Institute Summer Fellow
“Giant Sea Bass reproductive behavior study at Santa Catalina Island”

Nathan Walworth – USC Department of Biological Sciences, Program in Marine and Environmental Biology
MBBO, Advisor, David Huchins
Norma and Jerol Sonosky Environmental and Alternative Energy Summer Fellowship
“Genome Architecture and Adaptation of the Cyanobacterium Trichodesmium to long-term, elevated carbon dioxide exposure”

Ben Higgins – University of California, Santa Cruz
Advisor, Rita Mehta
Wrigley Institute Summer Fellow
“Home range of the California moray eel and their 14-hour movement patterns”

Jenny Hofmeister – University of California Berkeley
Advisor, Ray Caldwell
Wrigley Institute Summer Fellow
“What matters to an octopus: ecology, behavior, and acoustic telemetry of Octopus bimaculatus”

T. Hamdi Kitapci – University of Southern California
MCB, Advisor, Sergey Nuzhdin
Wrigley Institute Summer Fellow
“The Effects of Different Algal Diets to Determine Growth Efficiency of the Pacific Oyster”

Ryan Lesniewski – USC Department of Biological Sciences, Program in Marine and Environmental Biology
MBBO, Advisor, Ken Nealson
Norma and Jerol Sonosky Environmental and Alternative Energy Summer Fellowship
“Reclaiming Nutrients from Intensive Black Soldier Fly Cultivation for Hydroponic Plant Production”

Jessica Maxfield – University of Hawaii
Advisor, Kathleen Cole
Wrigley Institute Summer Fellow
“Uncovering the Secret of Sex Change: Mapping the Sex Change Pathway in Two Gobiid Fishes”

Connor White – California State University, Long Beach
Advisor, Chris Lowe
Wrigley Institute Summer Fellow
“The use of data intensive approaches to understand the behavior of the Leopard Shark, Triakis semifasciata”