

Irvin Huang

145 Endeavor Hall
Stony Brook University
Stony Brook, NY 11794

Telephone: (408)368-3862
Email: irvin.huang@stonybrook.edu
Twitter: @Irvseq
Blog: toxicmusings.com

Education

STONY BROOK UNIVERSITY, Stony Brook, NY 2013-2018

School of Marine and Atmospheric Science, Ph.D student
Advisor: Dr. Anne McElroy
Dissertation: "Behavioral and developmental effects of psychiatric drugs in fish"

UNIVERSITY OF CALIFORNIA, DAVIS, Davis, CA 2008-2013

Department of Wildlife, Fish and Conservation Biology
Department of Environmental Toxicology
Double Major, B.S.

Publications

Dasgupta, S., **Huang, I.**, McElroy, A. 2015. Hypoxia enhances the toxicity of Corexit® EC9500A and Chemically Dispersed Louisiana Sweet Crude Oil (MC-242) to Sheepshead Minnow (*Cyprinodon variegatus*) Larvae. PLoS ONE 10(6): e0128939. doi:10.1371/journal.pone.0128939

Presentations

Huang, I., Sirotkin, H., McElroy, A. 2016. Larval zebrafish (*Danio rerio*) behavior screen identifies altered behavior with neuroactive pharmaceutical exposure. Poster presented at SETAC 7th World Congress / 35th North American Annual Meeting in Orlando, FL, USA

Nath, K., **Huang, I.**, McElroy, A. 2016. Using zebrafish (*Daniorerio*) to investigate early life stage developmental toxicity of neuroactive pharmaceuticals. Poster presented at Simons Summer Research Symposium 2016, Stony Brook, NY, USA

Huang, I., Dasgupta, S., McElroy, A. 2014. Synergism between hypoxia and dispersed crude oil exposure decreases survival in Sheepshead minnow (*Cyprinodon variegatus*) larvae. Poster presented at the SETAC North America 35th Annual Meeting in Vancouver, BC, Canada

Huang, I., Dasgupta, S., McElroy, A. 2014. Preliminary effects of hypoxia and dispersant exposure on Sheepshead minnow (*Cyprinodon variegatus*) larvae survival. Poster presented at North Atlantic Chapter of SETAC Annual Meeting, Amherst, MA, USA

Awards

Evan R. Liblit Memorial Graduate Scholarship	2016
Nuria Protopopescu Memorial Teaching Award	2015
National Science Foundation Graduate Research Fellowship Honorable Mention	2014
Stony Brook University Dean's Scholarship	2013-2014
UC Davis Departmental Citation	2013

Teaching

Teaching assistantships

Marine Biogeochemistry, <i>graduate level</i>	Fall 2014
Physics of the Oceans, Atmosphere, and Climate, <i>graduate level</i>	Fall 2014
Environmental Toxicology and Public Health	Spring 2014
Marine Mammals	Spring 2014
Environmental Problems and Solutions, <i>non-majors</i>	Fall 2013

Advising

Undergraduates

Kai Chen, Stony Brook University Class of 2013 (started Master's program at Columbia University)

High School

Kirti Nath, Ward Melville High School, Setauket, NY (Simons Summer Research Fellow)

Presented poster at research symposium

Professional Societies

Society for Environmental Toxicology and Chemistry	2013-present
American Fisheries Society	2015-2016
The Wildlife Society	2012-2013

Service

Graduate Student Club, president	2014-2015
Volunteer judge, Bay Scallop Bowl	2014-present
Graduate Student Recruitment volunteer, Stony Brook University	2015-2016

Specialty Courses

Genomics Data Carpentry Workshop Stony Brook University, NY	January 19-20, 2016
Zebrafish Development and Genetics short course Marine Biological Laboratory, Woods Hole, MA	August 9-23, 2015

Scientific Communication and Outreach

Twitter: @Irvseq

Blog: Toxic Musings (toxicmusings.com) 2016-present

Blog: OceanBites (oceanbites.com) 2014-2015

UC Davis BioBoot Camp instructor June 2013

UC Davis Museum of Wildlife and Fish Biology docent 2009-2013

References

Available upon request