

# ZEBRAFISH HUSBANDRY WORKSHOP • Aquaculture 2017 • San Antonio

Sponsored by Aquaneering

San Antonio Marriot RiverCenter

Monday February 20 - ZHA ANNUAL MEETING – 11:00 – 12:00

**Monday, February 20, 2017**

Attendees qualify for 10 CE Credits through AALAS –Please sign in on the Attendance Sheet

## FISH DISEASES SESSION– Coordinated by Dr. Michael Kent/ Oregon State U

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|---------------|--|--|
| 9:30 – 9:45   | Transmissible Intestinal Tumors and Links to a <i>Mycoplasma</i> sp<br><i>Sophie Sichel/U Oregon</i> |  |
| 9:45 – 10:00  | Mycobacteria Studies<br><i>Chris Whipps/SUNY ESF</i>   |  |
| 10:00 – 10:15 | Thyroid lesions and Iodine Deficiency<br><i>Katy Murray/ZIRC</i>                                     |  |
| 10:15 – 10:30 | Emerging and Opportunistic Pathogens of Zebrafish<br><i>Marcus Crim&gt;IDEXX</i>                     |  |
| 11:00 – 12:00 | <ZHA ANNUAL MEETING>   |  |
| 12:30 – 1:30  | Lunch  |  |
| 2:00 – 2:45   | INTRODUCTION<br>ZHA UPDATE & Stewardship Award<br>ZIRC UPDATE<br>ZEBRAFISH HUSBANDRY TRAINING UPDATE | <i>Mark Francis/Aquaneering</i><br><i>Dante D'India/ZHA President</i><br><i>Katy Murray/ZIRC</i><br><i>Susan Farmer/U Alabama Birmingham</i> |

## ZHA SESSION – Coordinated by ZHA

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|-------------|--|
| 2:45 – 3:05 | The Effect of Two Feeding Regimens on Juvenile Zebrafish ( <i>Danio rerio</i> )<br><i>Stephen Frederickson/NIH</i>   |
| 3:05 – 3:25 | Zebrafish Facility Management: The Benefits of Undergraduate Student Assistance<br><i>Tami V. Sanchez/UCSD</i>   |
| 3:25 – 3:45 | Spreadsheets Don't Label Tanks and Track Stocks. What can a Zebrafish Data System Do For You?<br><i>Marc Gervais/DanioData</i>                               |
| 3:45 – 4:05 | Protocol for Small-scale Production in Zebrafish Embryos <i>Danio rerio</i> for Toxicological Screening<br><i>Sonia Alvarado-Rica/Central U of Venezuela</i> |
| 4:05 – 4:25 | The Importance of Establishing a Cryopreservation Program in The Laboratory<br><i>Meghan Acuirre/Cryogenetics</i>  |
| 4:25 – 4:45 | Implementation of a Zebrafish Health Program Contributes to Better Husbandry Practices: Case-Study<br><i>Ana Borges/ Instituto Gulbenkian de Ciência</i>     |

**Tuesday February 21, 2017**

## FISH DISEASES SESSION– Coordinated by Dr. Michael Kent/ Oregon State U

|               |   |
|---------------|---|
| 8:30 – 8:45   | Transmission of <i>Pseudoloma neurophilia</i> in Zebrafish <i>Danio rerio</i> When Using a Mass Spawning Chamber<br><i>Samantha Peneyra/MSKCC</i> |
| 8:45 – 9:00   | Effects of Cryopreservaton on Zebrafish Pathogens<br><i>Lauren Norris/Oregon State U</i>  |
| 9:00 – 9:15   | Mycobacteria in Zebrafish<br><i>Carolynn Chang/Oregon State U</i>   |
| 9:15 – 9:30   | <i>M. chelonae</i> and Impacts on Research Endpoints<br><i>Justin Sanders/Oregon State</i>  |
| 9:30 – 9:45   | <i>Pseudoloma</i> Prevalence Reduction in a Closed Colony of Endemically Infected Zebrafish<br><i>George Sanders/U Washington</i>                 |
| 9:45 – 10:00  | Validation Study at Boston Children’s Hospital to Determine Optimal Health Monitoring Approach<br><i>Megan Finley/FishVet Group</i>               |
| 10:00 – 10:30 | <b>BREAK</b>  |
| 10:30 – 10:50 | <i>Pseudocapillaria</i> and Effects on Microbiome<br><i>Michael Kent/Oregon State</i>   |

## GENERAL WORKSHOP SESSION – Coordinated by Aquaneering

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|---------------|--|
| 10:50 – 11:10 | From Generation to Generation: Culturing Zebrafish Under Continuous Illumination from Fertilization to Adulthood<br><i>MacKenzie Miller/Ohio State U</i> |
| 11:10 – 11:30 | A New Protocol for Exploring the Potential Growth Rate of Zebrafish Larvae and Juveniles<br><i>Thomas Delomas/Ohio State U</i>                           |
| 11:30 – 12:00 | Noise and Vibration as Possible Confounds for Research with Aquatic Species<br><i>Jeremy Turner/OtoScience Labs</i>                                      |
| 12:00 – 12:20 | IACUC Findings and Post Veterinarian Monitoring Improve Animal Health and Improve the Facility<br><i>Tannia Clark/NIH</i>                                |
| 12:30 – 1:30  | <b>LUNCH</b>   |

## KEYNOTE SPEAKER

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|-------------|--|--|
| 1:30 – 2:45 | <b>The Evolution of the use of Mexican Cavefish in Research</b><br><b>Dr. Richard Borowsky/New York University</b>   |  |
| 2:45 – 3:30 | <b>Research and Conservation: Mexican, Chinese and Texan Cavefish</b><br><b>Dante Fenolio/San Antonio Zoo</b>  |  |
| 3:30 – 3:45 | BREAK  |  |
| 3:45 – 4:05 | AALAS has options for all sectors of the Zebrafish Husbandry Community   |  |
| 4:05– 4:30  | LAMA and the Zebrafish Husbandry Community<br><i>Anne Murray/LAMA</i>  |  |
| 4:45 – 6:30 | <b>TOWN HALL MEETING - NIH ORIP and Aquatic Husbandry Community Session</b><br><i>The Town Hall Meeting is sponsored by Aquaneering, FishVet Group, Zeigler, and Skretting</i> |  |

