

ZEBRAFISH HUSBANDRY WORKSHOP and SUMMIT Aquaculture 2024 • San Antonio • February 19-20

Monday February 19th

Disease Session

- 2:00 – 2:20 **Weaponizing eDNA Pathogen Surveillance for SPF Facilities**
Corbin Schuster/Heritage U
- 2:20 – 2:40 **Veterinary Care for Zebrafish: What's Changed Since 2008? Training and the IACUC**
George Sanders/U Washington
- 2:40 – 3:00 **Viral Infections in Zebrafish: Overview and Recent Developments**
Marcus Crim/IDEXX
- 3:00 – 3:20 **Controlling Pseudoloma in Zebrafish: Advancements and Challenges**
Katy Murray/ZIRC
- 3:20 – 3:30 BREAK

ZHA Session

- 3:30 – 3:40 **And Now For Something Completely Different: Sea Lamprey Husbandry**
Hugh Hammer/U Pitt
- 3:40 – 4:00 **Keeping A Head – A Novel Husbandry Method for Novel Research**
Derek Walsh/Boston U
- 4:00 – 4:30 **Zebrafish Colony Background PFAS Survey: Are Your Fish at Risk From Forever Chemicals?**
Joan Hedge/US EPA

Tuesday February 20th

- 9:00 – 9:45 INTRODUCTION Aquaneering
ZIRC UPDATE Zoltan Varga
UAB COURSE UPDATE Katie Dorris
ZHA UPDATE/AALAS SUMMARY Michelle Altemara
IZFS Introduction Kristen Kwan
- 9:45 – 10:15 **Designing a Zebrafish Research Program to Engage Undergraduate Students**
Mary Beth Hawkins/St. Mary's U
- 10:15 – 10:30 **BREAK**
- 10:30 – 11:00 **Publishing Key Findings in Animal Care Science**
Steve Ekker/DPRI
- 11:00 – 11:30 **Survey of Data Systems Used in Aquatic Facilities**
Dante D'India/Seattle Children's
- 11:30 – 12:00 **Back to School - What Do We Really Know about Zebrafish Housing Density and Other Aspects of Housing Zebrafish?**
Petronella Kettunen/U Gothenburg
- 12:00 – 1:30 **ZHA LUNCH**

KEYNOTE SPEAKER

- 2:00 – 3:00 **Interagency Coordination to Encourage Science-Based Regulations**
Dr. Kathleen Hartman/Task Force on Regulatory Efficiency in Aquaculture
- 3:00 – 3:30 **Zebrafish Diets: Looking Backwards and Forwards**
Steve Watts/U Alabama Birmingham
- 3:30 – 4:00 **Health and Diseases of Zebrafish: State of the Science and Gaps**
Michael Kent/Oregon State U
- 4:00 – 4:30 **Zebrafish Husbandry: Where We Are**
Zoltan Varga/ZIRC
- 4:30 – 6:00 **FIRST ZEBRAFISH HUSBANDRY SUMMIT**
Dr.s Watts, Kent, Sanders, Varga, Kettunen, Kwan, Ekker, and Audience
- 6:00 – 7:00 **Social**

