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Cohesive & Inclusive!*

**WORLD
AQUACULTURE
Society**



**Center of Excellence in Aquatic Veterinary
Medicine, Biosecurity & Education**

Veterinarians, veterinary students and veterinary technicians can earn up to 15.5 hours of RACE-approved Continuing Education & Professional Development credit for attending the following sessions on **Tuesday, Wednesday and Thursday**, February 20-22, 2018.

To register for Aquaculture America 2018, go to:
<https://www.was.org/meetings/default.aspx?code=AA2018>

Zebrafish Husbandry & Diseases Session I

Time	Speaker	Tuesday, February 20, 2018 Location: Concord B
2:45-3:05	Carl Breaker	A LOW COST METHOD OF SKIN SWABBING FOR COLLECTION OF DNA SAMPLES FROM SMALL LABORATORY FISH
3:05-3:25	Dan Castranova	A BURGEONING NEW FISH MODEL: THE SCIENCE AND HUSBANDRY OF THE MEXICAN CAVEFISH ASTYANAX
3:25-3:45	Ana Catarina Certal	DEVELOPMENT OF A NOVEL SPERM ULTR-FAST FREEZING CRYOPRESERVATION PROCEDURE
3:45-4:05	Dante Michael D'India	THE LABORATORY ZEBRAFISH ENVIRONMENT IN 2017: COMMUNITY SURVEY RESULTS
4:05-4:25	Maurine Hobbs	FOOD CONVERSION RATIOS: A STRATEGY FOR FOOD SUBSTITUTIONS
4:25-4:45	Lauren Pandolfo	TIPPING THE SCALE IN OUR FAVOR: HOW BODY CONDITIONS SCORING, STANDARDIZED HEALTH ASSESSMENT, AND SENTINEL MONITORING CAN REDUCE DISEASE BURDEN IN A LARGE SCALE NON-SPF FACILITY

Zebrafish Husbandry & Diseases Session II

Time	Speaker	Wednesday, February 21, 2018 Location: Concord B
8:30-9:00	Samantha Peneyra	IMPACT OF SUPPLEMENTAL AGENTS ON DEVELOPMENT AND SURVIVAL OF CHLORINE-SANITIZED ZEBRAFISH EMBRYOS
9:00-9:20	Katy Murray	SUPERSATURATION AND GAS BUBBLE DISEASE IN LABORATORY ZEBRAFISH
9:20-9:40	Sean Spagnoli	PLUMBING THE DEPTHS: HISTOLOGY AS A RESOURCE FOR DIAGNOSTICS AND DISCOVERY
9:40-10:00	Marcus Crim	ADVANCES IN ZEBRAFISH HEALTH MONITORING
10:00 – 10:30 Break		Location: Concord B
10:30-11:00	Michael Kent	UPDATE ON CONTROL OF <i>PSEUDOCAPILLARIA TOMENTOSA</i> IN ZEBRAFISH FACILITIES.
11:00-11:30	Christine Lieggi	EMERGENCY PREPAREDNESS FOR ZEBRAFISH FACILITIES
12:30 - 1:30 LUNCH		Location: Concord B
1:30-2:30	Robert Gerlai	ZEBRAFISH HUSBANDRY: THE BEHAVIORAL NEUROSCIENTIST'S PERSPECTIVE
3:00-3:30	Tormey Reimer	VATERITE OTOLITHS AND HEARING LOSS IN FARMED FISH
3:30– 3:45 Break		Location: Concord B
3:45-4:15	Steve Watts	SINGLE CELL PROTEINS AS FISH MEAL REPLACEMENTS IN SEMI-PURIFIED ZEBRAFISH DIETS
4:15-4:45	Justin Sanders	OVERVIEW OF IMPACTS OF COMMON PATHOGENS ON RESEARCH ENDPOINTS

Veterinary Feed Directive Session

Time	Speaker	Wednesday, February 21, 2018 Location: Loire Room
1:30-1:45	Jennifer Matysczak	A BEGINNERS GUIDE TO MEDICATED FEEDS
2:00-2:15	Michael Murphy	MEDICALLY IMPORTANT ANTIMICROBIALS IN ANIMAL AQUACULTURE AFTER JANUARY 1, 2017
2:30-2:45	Patricia Gaunt	FRESH FROM THE FIELD: ANTIMICROBIALS AND VETERINARY FEED DIRECTIVE DRUGS IN AQUACULTURE
3:00 – 3:15 Break		Location: Loire Room
3:15-5:00	Matysczak, Murphy, Gaunt, & Kniffen	PANEL DISCUSSION/AUDIENCE Q&A

Aquatic Veterinary Medicine Session

		Thursday, February 22, 2018
Time	Speaker	Location: Concord B
8:00-8:15	Babak Omrani	EVALUATION OF SKIN AEROBIC BACTERIAL FLORA IN MARKET SIZE RAINBOW TROUT IN AMOL CITY FARMS
8:15-8:30	Galit Sharon	FISH SKIN MICROBIOME AS A TOOL TOWARD UNDERSTANDING AND IMPROVING FISH WELFARE
8:30-9:00	Jessie Sanders	WATER QUALITY IN FRESHWATER FISH SYSTEMS
9:00- 9:30	Galit Sharon	HIGH DIVERSITY OF <i>Myxobolus spp.</i> (MYXOZOA) IN AND BETWEEN JUVENILE <i>MUGIL CEPHALUS</i> INDIVIDUALS
9:30-10:00	Jessie Sanders	RECOGNIZING DISEASE IN FISH
10:00 - 11:00	Break	Location: Concord B
11:00-11:30	Jessie Sanders	COMMON PARASITES OF FRESHWATER AQUACULTURE SPECIES
11:30-12:00	Jessie Sanders	METHODS TO MITIGATE DISEASE SPREAD THROUGH AQUACULTURE SYSTEMS
12:00-12:30	Jessie Sanders	VETERINARY CARE IN AQUACULTURE
12:30 - 1:30	LUNCH	Location: Concord B
1:30-1:45	Chris Good	ASSESSING PHOTOPERIOD AND FEEDING RATE ON THE OVERALL QUALITY OF ATLANTIC SALMON <i>Salmo salar</i> POST-SMOLTS RAISED IN FRESHWATER SYSTEMS
1:45-2:15	Kathy Hartman	COMMERCIAL AQUACULTURE HEALTH PROGRAM STANDARDS UPDATES
2:15-3:00	David Scarfe	INTERNATIONAL EFFORTS TO PROVIDE A WELL-TRAINED AQUATIC VETERINARY WORKFORCE TO ASSIST AQUACULTURE INDUSTRIES & OWNERS
3:00 – 3:15	Break	Location: Concord B
3:15-4:00	Kathy Hartman	NATIONAL VETERINARY ACCREDITATION PROGRAM MODULE 13: AQUATIC ANIMAL HEALTH REGULATIONS AND HEALTH CERTIFICATION
4:00-5:00	Kathy Hartman	NATIONAL VETERINARY ACCREDITATION PROGRAM MODULE 28: SIGNIFICANT AND EMERGING VIRAL DISEASES OF CARP, KOI AND GOLDFISH