

Fish Week Event Descriptions



WET LAB
SATURDAY, NOV 4
WITH DR. JAN LOVY

Comparative Anatomy and
 Necropsy Techniques in
 Finfish

• PENNVET'S SECOND ANNUAL •

FISH WEEK

ANIMAL HEALTH, ECOSYSTEM HEALTH, AND FOOD SECURITY

MONDAY, OCT 30

DR. GARY EGRIE - USDA APHIS VS Aquatic Animal Welfare	HILL PAVILION ROOM H131 12 - 1PM
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DR. STEPHEN COLE - PENN VET Fish Zoonoses: A Lab OpporTUNAty	ROSENTHAL ROOM MDL 12 5 - 7PM
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TUESDAY, OCT 31

DR. LISA MURPHY - PADLS Environmental and Aquatic Toxicology	HILL PAVILION ROOM H131 12 - 1PM
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DR. JANET WHALEY - NOAA NOAA Fisheries and One Health	HILL PAVILION ROOM H131 5 - 6PM
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WEDNESDAY, NOV 1

DR. JAN LOVY - N.J. DIVISION OF FISH & WILDLIFE From the Field to the Lab	HILL PAVILION ROOM H131 12 - 1PM
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TIM SUGHRUE - CONGRESSIONAL SEAFOOD COMPANY Seafood Sustainability	RYAN VET HOSPITAL ROOM B101 4 - 5:30PM
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THURSDAY, NOV 2

DR. REGINA LAMENDELLA - JUNIATA COLLEGE Microbial Community Associated with Contaminated Groundwater	HILL PAVILION ROOM H131 12 - 1PM
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DR. DONALD STREMME - AQUAVET Adventures in Aquatic Animal Care	HILL PAVILION ROOM H131 5 - 6PM
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FRIDAY, NOV 3

DR. KRISTIN JANKOWSKI - VSCD DHA One Health Clinic	HILL PAVILION ROOM H131 12 - 1PM
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DR. PETER DIGERONIMO - PENN VET Career Round Table	HILL PAVILION ROOM H132 5PM
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Monday, 10/30 12pm in H131

Dr. Gary Egrie, USDA APHIS Veterinary Services

Aquatic Animal Welfare

A discussion of trends in animal welfare as it pertains to aquatic animals.

Monday, 10/30 5pm in MDL 12

Dr. Stephen Cole, PennVet

Fish Zoonoses - A Lab OpportUNITY

Small groups will work through 4 diagnostic cases with a One Health approach.

***Limited attendance

Tuesday, 10/31 12pm in H131

Dr. Lisa Murphy, Pennsylvania Animal Diagnostic Laboratory System (PADLS)

Environmental and Aquatic Toxicology

Come learn about the toxicology in an aquatic environment along with interesting case studies!

Tuesday, 10/31 5pm in H131

Dr. Janet Whaley, National Oceanic and Atmospheric Administration (NOAA)

NOAA Fisheries and One Health

Come learn about the NOAA Fisheries and their contribution to One Health!

Wednesday, 11/1 12pm in H131

Dr. Jan Lovy, N.J. Division of Fish & Wildlife

From the field to the lab: Understanding diseases that impact wild fish populations in NJ

The fish health program within the N.J. Division of Fish and Wildlife oversees fish health in the state's fish hatcheries, investigates fish kills in wild populations, and conducts disease surveillance in various fish species. This presentation will discuss cases that exemplify diseases in wild fish populations within the region. Fish mortality in the wild may be caused by various etiologies including infectious agents and environmental factors. Several fish health cases will be highlighted, discussing field observations, diagnostics, and laboratory methods that can aid in understanding the biology of these pathogens. Notable cases including viral diseases in fish, and a novel bone-breaking parasite that may compromise the health of young-of-the-year river herring will be discussed.

Wednesday, 11/1 4pm in B101

Tim Sugrue, Congressional Seafood Company

Seafood Sustainability: The socioeconomic impact of our world's fisheries

With the world population slated to double in the next 30 years, demand will double and our already protein short world will get even worse. Seafood prices are already absurdly high and will get even higher. This presentation will discuss the variety of factors concerning sustainability including biomass assessment, the stakeholders, GMO seafood, and the future of aquaculture.

Thursday, 11/2 12pm in H131

Dr. Regina Lamendella, Juniata College

Microbial Community Structure and Function Associated with Dichloromethane Contaminated Groundwater

Come learn about comparing microbial community structure between fracked and unfracked streams in central Pennsylvania.

Thursday, 11/2 5pm in H131

Dr. Donald W. Stremme, AQUAVET®

Adventures in Aquatic Animal Care

Learn how to handle various aquatic creatures such as performing a shark exam and listen to variety of interesting cases which will likely include penguins, hippos, sharks and rays, teleosts, reptiles and much more. This presentation will show you, that you can use your veterinary education for other species not taught in veterinary school!

ONE HEALTH DAY

Friday, 11/3 12pm in H131

Dr. Kristin Jankowski

Delaware Humane Association One Health Clinic

This presentation will discuss the opportunity to participate in the One Health Clinic.

Friday, 11/3 5pm in H131

Dr. Peter DiGeronimo

Career Round Table

Get the opportunity to network with a variety of veterinary professionals!

***Limited attendance

Saturday, 11/4 1pm in Animal Health Diagnostic Lab, N.J. Department of Agriculture, Ewing NJ

Dr. Jan Lovy, N.J. Division of Fish & Wildlife

Comparative Anatomy and Necropsy Techniques in Finfish

This lab will combine an introductory presentation and a wet-lab to overview necropsy methods in finfish. Comparative anatomy and fish health examples will be discussed to provide a clinical perspective. A diversity of fish species will be examined to gain a better understanding of comparative anatomy and necropsy techniques. The lab will introduce general concepts of fish anatomy to develop a better understanding of fish diseases, highlight important considerations for sample collection, and provide an opportunity for hands-on experience for performing a fish necropsy.

***Limited attendance. Tingley Boots & Lab coats needed.