

COMMERCIAL EXHIBITORS

Chair: John O'Brien
Nevada Department of Agriculture

A.P. Unix Inc.

Critter Control

J.T. Eaton & Co.

Liphatech Inc.

Liquid Fence Co.

Motomco Ltd.

Pestcon Systems Inc.

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Target Specialty Products

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24th VERTEBRATE PEST CONFERENCE

February 22 – 25, 2010
Holiday Inn Sacramento - Capitol Plaza
Sacramento, California USA

Final Program



Conference Chair:
Kathleen A. Fagerstone

Includes Special Symposium: **Field Rodenticide Uses**

24th VERTEBRATE PEST CONFERENCE

CONFERENCE CHAIR:

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PROCEEDINGS EDITOR:

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CONTINUING EDUCATION UNITS ASSIGNED

Attendees seeking Continuing Education credit: Sign in and out with the PAPA representative at the event registration desk.

Certified Crop Adviser

Monday, February 22	5.0
Tuesday, February 23	6.0
Wednesday, February 24	7.5
Thursday, February 25	5.0

International Society of Arboriculture

Monday, February 22	4.0
Tuesday, February 23	2.0
Wednesday, February 24	None
Thursday, February 25	2.0

California Vector Control

Monday, February 22	None
Tuesday, February 23	0.75 A & 2.5 D
Wednesday, February 24	1.25 A & 2.5 D
Thursday, February 25	1.25 A & 1.25 D

California Department of Pesticide Regulation

Monday, February 22	7.5 O
Tuesday, February 23	0.5 L & 6.0 O
Wednesday, February 24	1.0 L & 6.5 O
Thursday, February 25	TBA

Oregon Pest Management Division

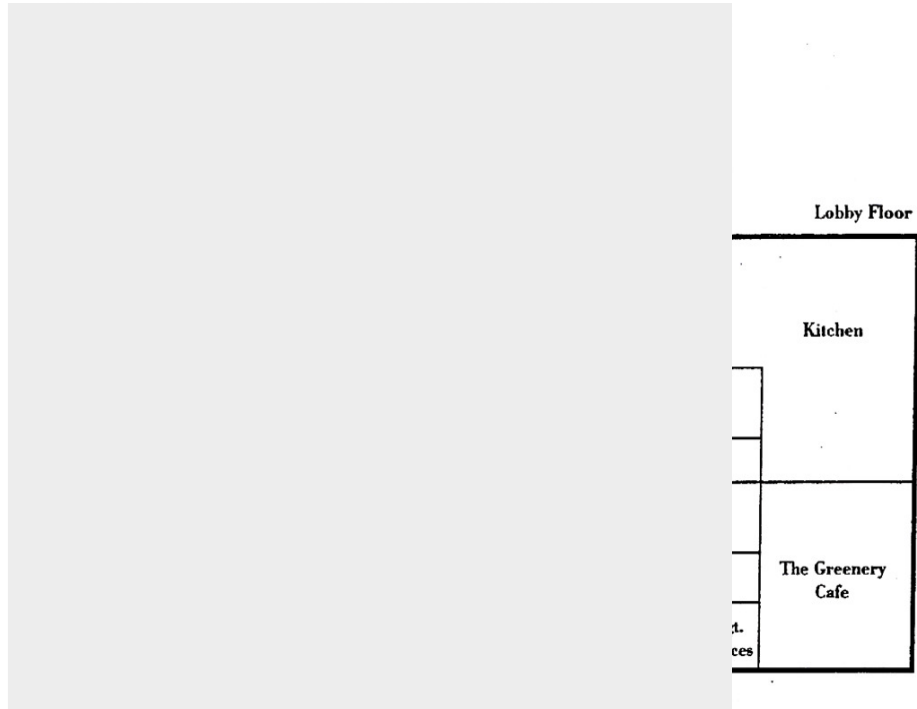
Monday, February 22	None
Tuesday, February 23	6.0
Wednesday, February 24	7.0
Thursday, February 25	1.0

Idaho Agriculture Licensing Agency

A total of 15.0 hours for all applicable presentations.

Note: We are still waiting for verification to offer additional credits for the agriculture licensing agencies of Arizona, Colorado, Nevada, and Washington. All credits are approximations and dependent upon your attendance. Please check at the registration desk for more information regarding credit.

CONVENTION AREA FLOOR PLAN



Note to Speakers:

*There will be a computer provided to review your Power Point presentation prior to speaking.
Please inquire into its location at the registration desk.*

Thursday, February 25

Concluding Session

California Room

- 1:15 pm **Session Chair: Roger A. Baldwin**
University of California, Kearney Agriculture Center, Parlier, CA
- 1:20 **Trends in Vertebrate Pesticide Use and New Developments: New Zealand Perspectives and International Implications**
*Charles Eason**, Department of Ecology, Lincoln University, Canterbury, New Zealand
- 1:45 **Vertebrate Pest Control Education and Outreach for Licensed Trappers and Others Dealing with California Wildlife**
*Ryan Krason**, University of California Cooperative Extension, San Diego County, San Diego, CA
- 2:10 **Gregarious Bamboo Flowering and Rodent Outbreaks—An Overview**
*Shakunthala Sridhara**, AINP on Rodent Control, University of Agricultural Sciences, G.K.VK. India
- 2:35 **PVC curtains to prevent deer access to stored feed: a pilot study**
Are R. Berentsen, USDA-APHIS-Wildlife Services, National Wildlife Research Center, Ft. Collins, CO
- 3:00 **Closing Remarks: Robert M. Timm**
University of California – ANR, Chair-elect of the 25th Vertebrate Pest Council, Monterey

Monday, February 22

Field Trip (Optional)

Holiday Inn Capitol Plaza, Sacramento

- 8:00 am **Depart from the Holiday Inn Capitol Plaza**
- Crow Roosts and Crow Control in an Urban Setting, Downtown Sacramento**
W. Paul Gorenzel, Staff Research Associate, Department of Wildlife, Fish & Conservation Biology, University of California, Davis, CA
- Wildlife Hazards and Control at the Sacramento International Airport, Sacramento International Airport**
USDA Wildlife Services personnel
- Reproductive Control of Exotic Fox Squirrels, UCD – Campus**
Sara Krause, Graduate Student Researcher, Department of Wildlife, Fish & Conservation Biology, University of California, Davis, CA
- UCD Arboretum Wildlife Management and Heronry Monitoring Project, UCD – Arboretum**
Andrew Engilis, *Museum Curator* and *Mana Hattori*, Graduate Student Researcher, Department of Wildlife, Fish & Conservation Biology, University of California, Davis, CA
- 12:00 **Lunch**
Provided all-you-can eat buffet at a University of California, Davis dining commons.
- Bait and Bait Application Methods for Ground Squirrel Control: Reducing Non-Target Hazards, UCD – Campus**
Terry Salmon and *Peter Newman*, University of California Cooperative Extension, San Diego, CA
- Putah Creek Nestbox Highway, UCD – Putah Creek**
Melanie Truan, Post-Doctoral Researcher and *Bobby Walsh*, Graduate Student Researcher, Department of Wildlife, Fish & Conservation Biology, University of California, Davis, CA
- Methods for Excluding Cliff Swallows from Nesting on Highway Structures, UCD – Putah Creek**
Michael Delwiche, Department of Biological and Agricultural Engineering, University of California, Davis, CA
- 5:00 pm **Buses return to the Holiday Inn**

*Multiple authored paper, see abstract for a complete list of authors.

Tuesday, February 23

Plenary Session

California Room

- 9:00 am **Welcome Chair: Larry G. Bezark**
Branch Chief of the Integrated Pest Control Program
Sacramento, CA
- 9:05 **Opening Remarks: Kathleen Fagerstone**
USDA National Wildlife Research Center, Fort Collins, CO
- 9:20 **Keynote Address: Advancing Vertebrate Pest Control on a Global Scale**
Professor Tony Peacock, Chief Executive of the Invasive Animals Cooperative Research Centre, University of Canberra, Australia
- 10:00 **Break**
- 10:20 **Cost Effectiveness and Efficacy of Ground-Control Techniques for Pest-Control in New Zealand**
*James G. Ross**, Department of Ecology, Lincoln University, Canterbury, New Zealand
- 10:45 **Bullfrogs as an Invasive Species: A Review of Introductions, Problems, Management Options and Future Directions**
*Nate Snow**, USDA National Wildlife Research Center, Fort Collins, CO
- 11:10 **Changes in Approaches: Issues in Vertebrate Pest Management**
Desley Whisson, Wildlife and Landscape Ecology, Deakin University, Burwood, Australia
- 11:35 **Emerging Challenges of Managing Island Invasive Species**
William C. Pitt, Hawaii Field Station, National Wildlife Research Center, WS/APHIS/USDA, Hilo, HI
- 12:00 **Lunch** (on your own)

*Multiple authored paper, see abstract for a complete list of authors.

Thursday, February 25

Concurrent Session 4B: Evaluation & Impacts of Vertebrate Pests

Fresno Room

- 8:15 am **Session Chair: Peter Bonkrude**
District Manager, Shasta Mosquito and Vector Control District
- 8:20 **Applying the 3Rs (Reduce, Refine, and Replace) to Vertebrate Pest Control in New Zealand**
*Bruce Warburton**, Landcare Research, Lincoln, New Zealand
- 8:45 **Bioeconomic Modeling of the Impacts of Wildlife Transmitted Disease**
Karen Gebhardt, USDA-APHIS-Wildlife Services, National Wildlife Research Center, Ft. Collins, CO
- 9:10 **Impacts and Economics of Wildlife Browsing on Tasmanian Pastures**
Rowan Smith, Mt Pleasant Research Laboratories, Tasmanian Institute of Agricultural Research, Tasmania, Australia
- 9:35 **Economic Considerations of Idemnity Programs**
Karen Gebhardt, USDA-APHIS-Wildlife Services, National Wildlife Research Center, Ft. Collins, CO
- 10:00 **Break**
- 10:20 **Evaluation of Potential Shedding of *Mycobacterium bovis* in Free-Ranging Raccoons**
Are R. Berentsen, USDA-APHIS-Wildlife Services, National Wildlife Research Center, Ft. Collins, CO
- 10:45 **Using Videos from Automatic Wildlife Tracking Cameras for Better Vertebrate Pest Management in Israel**
*Simon C. Nemtsov**, Israel Nature and Parks Authority, Jerusalem, Israel
- 11:10 **Integrated Pest Management (IPM) for Urban Wildlife: Do We Need to Broaden This Concept?**
John Hadidian, The Humane Society of the United States, Washington, D.C.
- 11:35 **Wildlife-Human Interface: A Case Study of Obudu Cattle Ranch, Cross Rivers State, Nigeria**
Abiodun F. Akinyemi, Department of Wildlife and Fisheries Management, University of Ibadan, Ibadan, Nigeria
- 12:00 **Lunch** (on your own)

*Multiple authored paper, see abstract for a complete list of authors.

Thursday, February 25

Concurrent Session 4A: IPM Chemicals & Issues

California Room

- 8:15 am **Session Chair: Robert M. Timm**
Director and Extension Wildlife Specialist
University of California Hopland Research and Extension Center
- 8:20 **Alternatives to 1080 Poison for Control of Native Animals in Tasmania: A Response to Public Concerns**
*Helen Statham**, Tasmanian Institute of Agricultural Research, MT Pleasant Laboratories, Tasmania, Australia
- 8:45 **Compound 1080 in Culturally Important Food Plants: Uptake and Persistence Experimentation, and the First Record of 1080 Natural Occurrence in New Zealand**
*Shaun Ogilvie**, Department of Ecology, Lincoln University, Canterbury, New Zealand
- 9:10 **Strychnine for the Control of Richardson's Ground Squirrels: Efficiency and Selectivity Issues**
*Gilbert Proulx**, Alpha Wildlife Research and Management Ltd., Alberta, Canada
- 9:35 **Efficacy of Cellulose- and Plaster-Based Rodenticides**
Erik Schmolz, Federal Environment Agency, Berlin, Germany
- 10:00 **Break**
- 10:20 **Feratox[®] as a Humane Control Agent for Wallabies in Tasmania**
*Mick Statham**, Tasmanian Institute of Agricultural Research, MT Pleasant Laboratories, Tasmania, Australia
- 10:45 **Development of a Novel Feral Hog (*Sus scrofa*) Toxicant**
*Nolan E. Davis**, Genesis Laboratories Inc., Wellington, Colorado
- 11:10 **Effect of Addition of Artificial Flavor on Rodent Bait Attractiveness**
Erik Schmolz, Federal Environment Agency, Berlin, Germany
- 11:35 **Toxicodynamics of M^tHb Inducers**
*Daniel Conole**, Department of Chemistry, University of Auckland, Auckland, New Zealand
- 12:00 **Lunch** (on your own)

*Multiple authored paper, see abstract for a complete list of authors.

Tuesday, February 23

Concurrent Session 1A: Avian Damage Management

California Room

- 1:15 pm **Session Chair: Mark Tobin**
USDA/APHIS/WS/National Wildlife Research Center
Fort Collins, CO
- 1:20 **The Chicago Ring-Billed Gull Damage Management Project**
*Scott F. Beckerman**, USDA-Wildlife Services, Springfield, IL
- 1:45 **Eradication of Invasive House Crow (*Corvus splendens*) from Socotra Island, Republic of Yemen – Lesson Learned from 15 Years of Facing Invasion**
*Guntram G. Meier**, In Grip-Consulting and Animal Control, Berlin, Germany
- 2:10 **The Role of Predator Control, Habitat Type, and Nesting Substrate on Nest Depredation of Natural and Artificial Nests on East Maui, Hawaii**
*Bill Sparklin**, USDA-APHIS-Wildlife Services, Phoenix, AZ
- 2:35 **Local Movements and Patterns of Site Use by European Starlings Captured at 3 Feedlots in the Texas Panhandle, Winter 2008-2009**
*Jeffrey H. Homan**, USDA-Wildlife Services, National Wildlife Research Center, Bismarck, ND
- 3:00 **Break**
- 3:20 **Response of Water Birds to Hazing with a Laser**
*W. Paul Gorenzel**, Department of Wildlife, Fish and Conservation Biology, University of California, Davis, CA
- 3:45 **USDA-Wildlife Services Bridging the Migratory Bird Gap for Oregon Department of Transportation**
Diane E. Winterboer, USDA-APHIS-Wildlife Services, Portland, OR
- Methods for IPM Program Improvement**
- 4:10 **Impact on Vertebrate IPM Practices from EPA's Rodenticide Risk Mitigation Decisions**
Victoria Hornbaker, California Department of Food and Agriculture.
- 4:35 **Using Camera Traps to Improve Baiting Technologies for Mammalian Pests**
*Shona Sam**, Department of Ecology, Lincoln University, Canterbury, New Zealand

Join us tonight from 6:30 to 8:00 pm in the Balboa Room
for hors d'oeuvre and a no host bar.

Tuesday, February 23

Concurrent Session 1B: *Rodent IPM*

Fresno Room

- 1:15 pm **Session Chair: Rex O. Baker**
 Professor, Emeritus
- 1:20 **Effect of a Fed-Through Insecticide (Imidacloprid) on a Flea Index of a Norway Rat (*Rattus norvegicus*) Focus in Los Angeles, California**
*Michael Rood**, Los Angeles County Department of Public Health, Environmental Health Division, Baldwin Park, CA
- 1:45 **Efficacy and Behavioral Effects of a Wildlife Birth Control Method on Invasive Eastern Fox Squirrels**
Sara K. Krause, Department of Wildlife, Fish and Conservation Biology, University of California, Davis, CA
- 2:10 **Factors Contributing to the Outbreak of Richardson's Ground Squirrel Populations in the Canadian Prairies**
*Gilbert Proulx**, Alpha Wildlife Research and Management Ltd., Alberta, Canada
- 2:35 **Fumigation of California Ground Squirrels Revisited: Are Fumigants an Effective Method for Controlling Ground Squirrels?**
*Roger A. Baldwin**, University of California, Kearney Agriculture Center, Parlier, CA
- 3:00 **Break**
- 3:20 **Protecting Orchards Against Voles – An Ecological Approach Combining Fences, Traps and Natural Predation**
*Olaf Fuelling**, Sustainable Rodent Management, Münster, Germany
- 3:45 **Efficacy of Oat and Pellet Anticoagulant Baits Following Treatment with Oat and Pellet Zinc Phosphide Baits: Implications for Secondary Hazard Management**
*Terry Salmon**, University of California Cooperative Extension, San Diego, CA
- 4:10 **Identifying Effective Attractants and Rodenticide Baits for Gambian Giant Pouched Rats**
*Nate Snow**, USDA National Wildlife Research Center, Fort Collins, CO
- 4:35 **Ground Squirrel Control Training and Certification Using Interactive Kiosk System**
*Peter Newman**, University of California Cooperative Extension, San Diego, CA

***Join us tonight from 6:30 to 8:00 pm in the Balboa Room for hors d'oeuvre and a no host bar.**

Wednesday, February 24

Poster Presentations

Balboa Room, 5:15 to 7:15 pm

Chair: Roger A. Baldwin

University of California, Kearney Agriculture Center, Parlier, CA

Anticoagulant Residue Risks – Assessing Sublethal Exposure to Brodifacoum without Lethal Sampling?

*Penny P. Fisher**, Pest Control Technologies, Landcare Research, New Zealand

Development of a Safer Tranquilizer Dart

*George R. Gallagher**, Department of Animal Science, Berry College, Mount Berry, GA

The Effect of Goose Management on Water Quality

*Matthew Swallow**, Department of Biological Sciences, East Stroudsburg University, PA

Movement Ecology of Feral Goats (*Capra hircus*) in Hawaiian Dryland Ecosystems

*Mark Chynoweth**, Natural Resources and Environmental Management, University of Hawaii, Manoa, HI

Raccoon Rabies Research Using Remote Download GPS Collars in an Urban Environment

*Are R. Berentsen**, USDA/APHIS/WS/National Wildlife Research Center, Ft. Collins, CO

Soybean, a Potential Sterilant for Rodent Control

*Shakunthala Sridhara**, AINP on Rodent Control, University of Agricultural Sciences, G. K. V. K., Bangalore, India

Kaena Point Natural Area Reserve Ecosystem Restoration Project Predator Proof Fence Line

Christopher J. Miller, Division of Forestry and Wildlife, Natural Area Reserve Program, Pearl City, HI

Vertebrate Pest Control Research Advisory Committee - VPCRAC - California's Approach to Supporting Vertebrate Pest Control

*Peter D. Newman**, Staff Research Associate, University of California Cooperative Extension, San Diego County, San Diego, CA

The Effects of Vitamin K-rich Plant Foods on the Efficacy of Anticoagulants on Voles

*Nate Snow**, USDA/APHIS/WS, National Wildlife Research Center, Fort Collins, CO

*Multiple authored paper, see abstract for a complete list of authors.

Wednesday, February 24

Concurrent Session 3B: *Predator Damage Identification & Control*

Fresno Room

- 1:15 pm **Session Chair: Dirk Van Vuren**
Department of Wildlife, Fish and Conservation Biology
University of California, Davis, CA
- 1:20 **Influence of Meso-Mammal Predator Control on Predator Landscape-Level Spatial Occupancy in Northern Florida and Southern Georgia, USA**
*Susan N. Ellis-Felege**, Warnell School of Forestry and Natural Resources, University of Georgia, Athens, GA
- 1:45 **Evolutionary Analysis of a Skunk Rabies Epizootic in Northwestern Wyoming**
*Craig A. Ramey**, USDA National Wildlife Research Center, Fort Collins, CO
- 2:10 **Para-Aminopropiophenone (PAPP) Research, Development, Registration and Application for Humane Predator Control in New Zealand**
*Charles Eason**, Department of Ecology, Lincoln University, Canterbury, New Zealand
- 2:35 **Predator Prey Relationships: The Wildlife Manager's Perspective**
*Michael J. Bodenchuk**, USDA-APHIS-Wildlife Services, San Antonio, TX
- 3:00 **Break**
- 3:20 **Retrofitting Dumpsters with Bear Resistant Lids to Reduce Human-Bear Interactions in New Jersey**
*Amanda M. Makkay**, Applied DNA Sciences, East Stroudsburg University, East Stroudsburg PA
- 3:45 **The Removal of Feral Cats from San Nicolas Island: Methodology Including Trap Monitoring**
*Jake Bonham**, Island Conservation, Beaverton, OR
- 4:10 **A Trap Monitoring System to Enhance Efficiency of Feral Cat Eradication and Minimize Adverse Effects on Non-Target Endemic Species on San Nicolas Island**
*David Will**, Island Conservation, Santa Cruz, CA
- 4:35 **The Impact of Feral Pigs on Rainforest Dynamics in North-Eastern Australia**
*Amanda Elledge**, Invasive Animals Cooperative Research Centre, School of Geography, University of Queensland, Queensland, Australia

***Join us tonight from 5:15 to 7:15 pm in the Balboa Room for poster viewing and a chance to talk with the presenters.**

Wednesday, February 24

Concurrent Session 2A: *Special Symposium - Field Rodenticide Uses*

California Room

- 8:15 am **Session Chair: John Eisemann**
USDA APHIS Wildlife Services
National Wildlife Research Center, Fort Collins, CO
- 8:20 **Challenges and Unique Solutions to Rodent Eradication in Florida**
Parker Hall¹ and Anthony Duffiney^{2}*, ¹USDA Wildlife Services, Concord, NH, ²USDA APHIS Wildlife Services, Gainesville, FL
- 8:45 **Rodent Eradication on Cocos Island, Guam: Integrating Wildlife Damage Management, Resort Operations, and Non-target Concerns**
*Dana T. Lujan**, USDA Wildlife Services, Barrigada, Guam
- 9:10 **Non-target Risk and Environmental Fate of the Broadcast Application of a Diphacinone Rodenticide at Mokapu and Lehua Islands, Hawaii**
*Peter Dunlevy**, USDA-APHIS-Wildlife Services, Islands Fish and Wildlife Office, Honolulu, HI
- 9:35 **From the Sea of Cortez to the Aleutian Islands, Alaska: General Principles Applied to Eradication Planning, Compliance, and Implementation**
*Gregg Howald**, Island Conservation, Vancouver, BC, Canada
- 10:00 **Break**
- 10:20 **Rat control for the protection of endangered birds, plants, and tree snails on the island of Oahu, HI.**
*Steve Mosher**, Army Garrison, Natural Resources Division, Schofield Barracks, HI
- 10:45 **Anticoagulant Residual Concentration and Secondary Poisoning in Birds Following a Large-Scale Aerial Application of 25 ppm Brodifacoum Bait on Rat Island, Alaska**
*Steve Ebbert**, Invasive Species Biologist, Alaska Maritime National Wildlife Refuge, Homer, AK
- 11:10 **Environmental Monitoring for Brodifacoum Residues Following Aerial Application of Baits for Rodent Eradication**
*Penny P. Fisher**, Department of Conservation, Auckland, New Zealand
- 11:35 **New Zealand's Use of Brodifacoum in Eradication Efforts and Current Investigation of Alternative Compounds**
*Charles Eason**, Connovation Research, Auckland and Lincoln University, Lincoln, New Zealand
- 12:00 **Lunch (on your own)**

Wednesday, February 24

Concurrent Session 2B: *Predator Damage Identification & Control*

Fresno Room

- 8:15 am **Session Chair: Dennis Orthmeyer**
California Assistant State Director
US Department of Agriculture, Wildlife Services, Sacramento, CA
- 8:20 **Aerial Feral Pig & Feral Goat Shooting Program**
Brian Ferris, Ranger, New England Livestock Health and Pest Authority
- 8:45 **The Impact of Introduced Mammals in the Hawaiian Islands: An End to the Rumors**
*Cheryl Lohr**, Department of Natural Resources and Environmental Management, University of Hawaii at Manoa, Honolulu, HI
- 9:10 **One Approach to Resolving Urban Coyote Problems**
Robert Erickson, Certified Wildlife Control Professional, Cortland, IL
- 9:35 **How Misinformation Fosters Urban Human-Coyote Conflicts**
Claude M. Oleyar, Alpine Animal Control, Colorado Springs, CO
- 10:00 **Break**
- 10:20 **Depredation Investigation: Using Canine Spread to Identify the Predator Species**
*David L. Bergman**, USDA-APHIS-Wildlife Services, Phoenix, AZ
- 10:45 **Developing Target-Specific Baiting Methods for Feral Pigs in an Omnivore-Rich Community**
*Andrew J. Bengsen**, CSIRO Davies Laboratory, Queensland, Australia
- 11:10 **Feral Cat Population Surveys and Management Options for the University of Hawai'i at Mānoa**
Alisa Davis, NREM, University of Hawaii at Manoa, Mililani, HI
- 11:35 **Importance of Early Experience with Flavor on Subsequent Food Preferences by Young Coyotes (*Canis latrans*)**
*Krista Wenning**, USDA- APHIS-Wildlife Services, Phoenix, AZ
- 12:00 **Lunch** (on your own)

*Multiple authored paper, see abstract for a complete list of authors.

Wednesday, February 24

Concurrent Session 3A: *Special Symposium - Field Rodenticide Uses*

California Room

- 1:15 pm **Session Chair: Katie Swift**
USDA-APHIS-Wildlife Services
Islands Fish and Wildlife Office, Honolulu, HI
- 1:20 **Prairie Dogs, Pesticides, and Protected Species: Concerns for Anticoagulant Use in a Sensitive Ecosystem**
Nancy Golden, U.S. Fish and Wildlife Service (FWS), Arlington, VA
- 1:45 **Chlorophacinone-Caused Canada Goose Mortality in Monterey**
*Stella McMillin**, California Department of Fish and Game, Pesticide Investigations Unit, Rancho Cordova, CA
- 2:10 **Assessing Some Potential Environmental Impacts from Agricultural Anticoagulant Uses**
*Lorin Lima**, University of California Cooperative Extension, San Diego County, San Diego, CA
- 2:35 **Acute Toxicity of Diphacinone to the American Kestrel (*Falco sparverius*): Effects on Survival and Blood Clotting Time**
Barnett Ratner, USGS, Patuxent Wildlife Research Center, Beltsville Laboratory, Beltsville, MD
- 3:00 **Break**
- 3:20 **Using Modeling and Molecular Biology as Tools for Risk Assessment.**
*Katherine Horak**, US Department of Agriculture (USDA), WS
- 3:45 **NPDES Permitting and Impact on Broadcast Applications of Rodenticides**
Patti Tenbrook, US Environmental Protection Agency (EPA), Region 9
- 4:10 **Panel Discussion – Regulatory and Policy Issues Around Non-Target Mortality and Environmental Fate of Rodenticides**
*Meredith Laws*¹, *Rory Stark*², *Gary Young*³, *Will Meeks*⁴, and *Mark Tobin*⁵, ¹US EPA, Office of Pesticide Programs Registration Division, Washington DC, ² US FWS, Office of Law Enforcement (OLE), Anchorage, AK, ³ US FWS, OLE, Anchorage, AK, ⁴ US FWS, National Wildlife Refuge System, Washington, DC, ⁵USDA, Animal and Plant Health Inspection Service, Fort Collins, CO
- 4:35 **Closing Remarks: Katie Swift**
USDA-APHIS-Wildlife Services, Islands Fish and Wildlife Office, Honolulu, HI

***Join us tonight from 5:15 to 7:15 pm in the Balboa Room for poster viewing and a chance to talk with the presenters.**

CONFERENCE AT-A-GLANCE

Monday, February 22

Field Trip (Optional) <i>Holiday Inn Capitol Plaza, Sacramento</i> 8:00 am – 5:00 pm
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Tuesday, February 23

Opening Plenary Session <i>California Room</i> 8:15 am – 12:00 pm
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Lunch (*on your own*)

1A: Avian and Monitoring/Methods <i>California Room</i> 1:15 – 5:00 pm	1B: Rodents <i>Fresno Room</i> 1:15 – 5:00 pm
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Evening Reception

Balboa Room, 6:30 to 8:00 pm

Wednesday, February 24

2A: Symposium <i>California Room</i> 8:15 am – 12:00 pm	2B: Predators <i>Fresno Room</i> 8:15 am – 12:00 pm
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Lunch (*on your own*)

3A: Symposium <i>California Room</i> 1:15 – 5:00 pm	3B: Predators <i>Fresno Room</i> 1:15 – 5:00 pm
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Poster Presentations

Balboa Room, 5:15 to 7:15 pm

Thursday, February 25

4A: Chemical <i>California Room</i> 8:15 am – 12:00 pm	4B: Impacts and Evaluation <i>Fresno Room</i> 8:15 am – 12:00 pm
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Lunch (*on your own*)

Closing Session <i>California Room</i> 1:15 – 3:00 pm

Vertebrate Pest Conference

Wildlife Damage Management

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