National Wildlife Rehabilitators Association Symposium 2017

*Watershed Moments for Wildlife*
March 7–11, 2017, in Williamsburg, Virginia

Program Schedule as of January 5, 2017

The NWRA Symposium is an ideal way to expand your knowledge for the direct benefit of wildlife. The Symposium program is designed to offer selections for all—from those new to the field to those who have been involved for many years. Wildlife care, disease, and research continue to expand and build on the foundation of knowledge for wildlife and the environment. Be sure you are among those on the leading edge of these new discoveries so you are in a position to offer the very best to animals in your care and keep the public informed through your educational programs.

The holidays can be a busy time of year for all of us as we juggle the animals and family, friends, gift buying, and get-togethers. Be sure to meet the January 9, 2017 early registration deadline if you wish to participate in workshop signup preregistration. Your symposium registration must be dated on or before January 9th to qualify for workshop preregistration. **NOTE THAT WORKSHOP LECTURES MAY OCCUR THE DAY BEFORE THE WORKSHOP ITSELF AND ARE PREREQUISITES FOR PARTICIPATION IN WORKSHOPS.**

Workshop lectures are open to all attendees; only the actual workshops have limited enrollment.

Below is a daily schedule of sessions, topics, and speakers confirmed as of December 15, 2016.

Keep checking the NWRA website [www.nwrawildlife.org](http://www.nwrawildlife.org) for updates.

**Tuesday**

**Taking Care of Business Seminar,** Ed Clark, VA  
**Basic Wildlife Rehabilitation Seminar,** Emily Meredith, WA; Maureen Lilly, WA; Diane Nickerson, NJ  
**Patient Diagnostics Seminar,** Erica Miller, DVM, DE

*Tuesday Evening Poster Session*  
*During the Icebreaker*

**Robyn's Baby Bird Diets,** Robyn Graboski, Lemont, PA  
**The Cost of the Outdoor Cat: Rehabilitation of Wildlife in South-central Pennsylvania,** Emily Garrigan, York, PA  
**Head First: Caring for Traumatic Beak Injury,** Jill Argall, Verona, PA  
**Success/Survival of Rehabilitated Koalas and Orphaned Joeys Postrelease,** Lee Pirini, Morayfield, Queensland, Australia  
**Analysis of Individual Oiled Bird Re-encounter Data 2002-2015,** Jo Joseph, San Pedro, CA  
Wednesday Morning

**Opening Session**

**Keynote:** Denny Olsen (Professor Avian Guano, Bir. D.), MT

**Principles of Wound Management in Wildlife Patients Workshop Lecture,** Julia Whittington, DVM, IL and Nicki Rosenhagen, DVM, IL

**Wednesday Afternoon**

**Stakeholders Session**

- Sharing Ideas, Technology, and Data to Prepare for the Coming Storm, Elena Rizzo, NY
- Wildlife Rehabilitation: Making a Meaningful Connection with Your Local Health Department, Paula Goldberg, Washington, DC
- Avian Protection in the Utility Industry, Cristina Frank, DE
- Reclalm, Reuse, Release, Bettina Bowers, TN
- Your Pane Is Their Pain: An Ounce of Prevention is Better than a Stay in Rehabilitation, Paloma Plant, ON

**Waterbirds Session**

- Thinking like a Duck: Mallards in the City, Anne Lewis and April Linton, PhD, Washington, DC
- Handrearing Cormorants, Isabel Luevano, CA
- Intricacies and Quirks of Grebe Rehabilitation, Kylie Clatterbuck, CA
- Problematic Pelicans, Rebecca Duerr, DVM, PhD, CA
- The Trouble with Tropicbirds, Tracy Anderson, HI
- Raising a Colony of Wedge-tailed Shearwaters, Tracy Anderson, HI

**Principles of Wound Management in Wildlife Patients Workshop,** Julia Whittington, DVM, IL and Nicki Rosenhagen, DVM, IL

**Avian Imping Techniques Workshop,** Jeff Meshach, MO

**Wednesday Evening**

**Introduction to Microscopy Open House,** Michele Goodman, VMD, PA

**Leaping the Rabbit Hurdle—What's New in the World of the Wild Rabbit Roundtable,** Diana Leggett, TX


**Herpetile Session**

- **Basic Turtle Rehabilitation Workshop Lecture,** La'Toya Latney, DVM
- The Times They Are A-changing: Update on Infectious Diseases for Reptiles and Amphibians, La'Toya Latney, DVM

**Thursday Morning**

**Nutrition Session**

- Nutrition 101, Nicki Rosenhagen, DVM, IL
- Wild Food Composition: Duplicating Nature's Nutrient Profiles, Ellen Dierenfeld, PhD, MO
- Nutritional Supplements: What, Why, and How, Rebecca, Duerr, DVM, PhD, CA
- Considerations for Developing Handrearing Protocols: A Nutritionist’s Perspective, Erin Kendrick, Washington, DC

**Education & Training Session**

- Wildlife Education in Public Schools and Underserved Communities, Debbie Sykes, TN
- Educational Bird Selection Criteria: The First Step in Welfare, Laurin Huse, OR
- The Right Bird for the Job or the Right Job for the Bird, Jackie Kozlowski, UT
Training Small Owls to be Educational Ambassadors, Gail Buhl, MN
Plush Animals: Who Knew They Could Be Educational?, Beth Evans Lott, FL
Well, That's the Way I've Always Done it—Teaching the Old Rehabilitator New Tricks, Linda McDaniel, VA

**Avian Bandaging Techniques Workshop Lecture**, Nina Schoch, DVM, NY and Michele Goodman, VMD, PA

**Adult Avian Critical Care Workshop Lecture**, Flo Tseng, DVM, MA

**Mammal Fracture Stabilization 'Arts and Crafts' Workshop Lecture**, Shari Parker-Siksay, DVM, CT

**The Bugs in Your Patient—Parasitology Workshop Lecture**, Sherri Cox, DVM

**Basic Turtle Rehabilitation Workshop**, La'Toya Latney, DVM

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**Thursday Afternoon**

**Public Outreach Session**
Wildlife Rehabilitators as a Resource for the Public, Yvonne Wallace Blane, WI
Faux Fur, Real FUN: Inspiring the Public without Power Points, Ambassador Animals, or Biofacts, Casey Philips, MO
*Answering the Call of the Wild*, Nathalie Karvonen, ON
Diving into Fundraising, Public Relations, and Social Media—Part 2, Holly Duvall, AB
Leading by Example: Considerations for Photo Sharing, Kim Rutledge, MO

**Herpetile II Session**
A Novel Treatment for Snake Fungal Disease, Keith Gold, DVM, MD
Tips for Turtle Rehabilitation from Ontario Turtle Conservation Centre, Sue Carstairs, DVM, ON
Treating the Traumatized Turtle, Heather Barron, DVM, FL
You Are What You Eat! Optimizing Reptile Nutrition, La'Toya Latney, DVM, PA
The Approach to Head and Facial Trauma in a Snapping Turtle, Leslie Reed, DVM, MN
Turtle Euthanasia, Renee Schott, DVM, MN

**Infectious Disease/Toxicology Session**
Emerging Tickborne Diseases in the United States, Flo Tseng, DVM, MA
Avian Influenza: What Do We Need to Know about this Diverse Disease?, Madis Leivits, DVM, Estonia
Differentiating between Patients Suffering from Bromethalin Exposure, Glioblastoma (brain tumor), and Aleutian Disease Virus (ADV) in a Wildlife Hospital Setting, Melanie Piazza, CA
Pesticide Toxicosis as a Common Cause of Mortality in Red-shouldered Hawks, Carly Ouzts, NC
How Much Does an Eagle Suffer from Lead Poisoning?, Madis Leivits, DVM, Estonia

**Avian Bandaging Techniques Workshop**, Nina Schoch, DVM, NY and Michele Goodman, VMD, PA

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**Thursday Evening**

**Squirrel Roundtable**, Kelli Knight, DVM, VA and Belen Nobert, TX

**Euthanasia Session**
Euthanasia in Wildlife Rehabilitation: Principles and Practice, Guthrum Purdin, DVM, CA
Euthanasia in Wildlife Rehabilitation: Goals and Methods, Nicki Rosenhagen, DVM, IL

**Enrichment Session**
Fun for the Wild Child: Enrichment in a Rehabilitation Setting, Heather Barron DVM, FL
Making Time for Enrichment, Stephanie Herman, CA

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**Friday Morning**

**Behavior Session**
Pain Suppression Behavior, Renee Schott, DVM, MN
Behavior and Learning, Jackie Kozlowski, UT, Melissa Moore, WA, and Gail Buhl, MN
Behavior Modification in Rehabilitation and Education, Melissa Moore, WA,
  Jackie Kozlowski, UT and Gail Buhl, MN
Behavior Roundtable, Jackie Kozlowski, UT, Melissa Moore, WA, and Gail Buhl, MN

**Small Mammals Session**
Virginia Opossum Care for the 21st Century, Lynne Miller, PhD, MA
Bringing up Baby Bats, Leslie Sturges, VA
Weasels and Orphaned Weasel Rehabilitation, Peggy Popp, WI
Reducing Morbidity and Mortality in Infant Squirrels, Eliza Burbank, TN
Tiny Feats for Tiny Feets! Mouse Rehabilitation, Casey Philips, MO

**Raptor Session**
Notable Cases In Raptor Care, Version 2.0, Patti Reynolds, IN
Raptor Feather FUNdamentals, Lily Carey, MN
Managing Feather Contaminants on Wild Raptors: A Case Series, Erin Norris, DE
Home Range and Survival of Rehabilitated Red-tailed Hawks (*Buteo jamaicensis*), Jacqueline Edmunds, WI
Osprey Rehabilitation, Beth Evans Lott, FL
Who Goes To See The Wizard? The Rehabilitation/Falconry Interface, Laura Edmunds, IN

**Adult Avian Critical Care Workshop**, Flo Tseng, DVM, MA

**Friday Afternoon**

**Physiology Session**
Under the Fur, Feathers, Scutes, and Scales: How Things Work, Sherri Cox, DVM, ON
Come to Your Senses: Managing Conditions of the Ears, Eyes, and Nose of Wild Patients, Julia Whittington, DVM, IL
Dental Examination and Pathologies in the Mammal Patient, Leslie Reed, DVM, MN
The Physiological Side of Stress, Debbie Sykes, TN

**Maintaining Wildness Session**
Fostering For Freedom, Peggy Hentz, PA
Red and Gray: The Introduction of Surrogate Foxes to Their Kits, Valerie Ackerman, VA
Postrelease Survival and Behavior of two Captive-reared Beaver, Karen McKenzie, WI
Developing a Successful Raptor Renesting Program, Carly Smith, NC
A Method of Hacking Orphaned Northern Harriers, Laura Edmunds, IN

**Avian Session**
Reducing Stress with Feeding for the Bird and the Rehabilitator, Giselle Chazotte Smisko, NJ
Handrearing and Rehabilitation of North American Swallows, Veronica Bowers, CA
Chimney Swift Rehabilitation, Giselle Chazotte Smisko, NJ
Songbird Enrichment, Lucy Stevenot, CA

**Mammal Fracture Stabilization ‘Arts and Crafts’ Workshop**, Shari Parker-Siksay, DVM, CT

**Saturday Morning**

**Large Mammal Session**
Bobcat Rehabilitation, Nina Fischesser, NC
Raising Coyotes: Not Your Average Pup, Denise Hays, IN
Rehabilitating Orphaned and Injured Beavers, Janalene Kingshott, ON
The Elusive Fisher: Using Biology to Guide Its Care in Rehabilitation, Lynne Miller, PhD, MA
Working with the North American Porcupine—a Sticky Subject, Katherine Uhler, PA
Colostrum—A Fawn’s Key to Success, Nicki Rosenhagen, DVM, IL

Veterinary Session
Wildlife Rehabilitation from the Veterinarian’s Perspective, Julia Whittington, DVM, IL
First Things First: Triage and Stabilization of the Acute Trauma Patient, Sara Ann Seemel, DVM, ON
Refeeding Syndrome: The “Who, What, and How to Avoid” for the Wildlife Rehabilitator, Bethany Groves, DVM, WA
Ouch, I Have a Headache! Management of the Head Trauma Case, Sara Ann Seemel, DVM, ON
Factors Related to Skeletal Abnormalities in Black-crowned Night Heron and Snowy Egret Chicks, Miranda Starr, CA

The Bugs in Your Patient Parasitology Workshop, Sherri Cox, DVM, ON
Songbird Splinting Workshop, Erica Miller, DVM, DE

Saturday Afternoon

More Mammal Session
Mammal Case Mysteries, Tracy Leaver and Heather Freeman, NJ
Rehabilitating the Eastern Woodchuck (aka Groundhog), Lynn Oliver, VA

Research Session
A Retrospective Study on Wildlife Affected by Glue Traps from Selected Wildlife Centers [2011-2015], Ernesto Dominguez Villegas, DVM, VA
Effects of Keel Cushions on the Behavior of Western Grebes Entering Rehabilitation, Julie Skoglund, CA
A Retrospective Analysis on Anthropogenic Causes of Patient Admission to Select Wildlife Rehabilitation Facilities in North America, 2011-2015, Peach Van Wick, DVM, VA
The Physical and Behavioral Effects of Enrichment in Rehabilitating Eastern Pacific Harbor Seals (Phoca vitulina richardii), Karli Chudeau, CA

General Topics Session
Capital Campaigns—The Reality of the Dream, Nathalie Karvonen, ON
Here Kitty, Kitty, and other Sounds of the Forest, Linda Cherkassky, NJ