



Networking • Informing • Communicating • Educating

MWRA CONFERENCE 2011

REHABILITATION FROM THE INSIDE OUT: FOCUS ON NUTRITION

October 7-8, 2011

Lansing, Michigan

**Causeway Bay Convention Center
6820 South Cedar Street
Lansing, Michigan 48911**

2011 CONFERENCE AT-A-GLANCE

Friday	6:00-7:00 a.m.	7:00 a.m. - 6:30 p.m.	7:00 - 9:00 p.m.
	IWRC Class Registration	IWRC Nutrition Class	Meet and Greet Social with DNR

SATURDAY	ROOM	7:00 a.m.	7:30 - 8:30 a.m.	8:30 - 10:00 a.m.	10:00 - 11:30 a.m.	11:30 a.m. - 1:00 p.m.	1:00 - 2:00 p.m.	2:00 - 3:30 p.m.	3:30 - 4:30 p.m.		
	1	Registration	BREAKFAST Opening Remarks (P.J. Garner)	KEYNOTE ADDRESS: Nutrition in Wildlife Dr. Shibley	Parasitology & Wildlife (Dr. Barry O'Connor)	LUNCH (11:30-noon)	Board & Membership Meeting with Q&A (12-12:15)	Vet Q&A	Formula (P.J. Garner)	Fawn Fundamentals (Karen Wilke O'Connor)	
	2				Raptor 101 (Dody Wyman)				Craft Tables (11:30-12:45)	Challenges of Songbirds (Carol Akerlof)	Raptor Natural History (Dody Wyman)
	3				Oil Spill (Louise Sagaert)				Silent Auction or raffle (11:30-12:30)	Homeopathic Remedies and the Wild Patient (Kim Poisson)	WILDOne Tracking System (Will O'Neill)

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FRIDAY DAYTIME

6:00 a.m. to 7:00 a.m. check-in for Nutrition Class / Continental Breakfast

7:00 a.m. until 6:30 p.m. Nutrition Class (with 1 hour lunch)

Course Title: Feeding and Nutrition

Delivery Method: Classroom

IWRC Instructor: Rebecca McKeever, Lone Star Wildlife Rescue

CE Hours: 8

Feeding and Nutrition addresses the nutritional requirements of mammals and birds with principles applicable to reptiles and amphibians. Lecture topics include: basic nutritional biochemistry, gastrointestinal physiology and anatomy, neonates, self-feeding process, importance of recognizing natural diets, determining nutritional requirements, feeding ill and emaciated animals, analyzing and formulating diets, minimizing captive stress through feeding and foraging enrichment.

FRIDAY EVENING

7:00 p.m. to 9:00 p.m. meet and greet social and light refreshments with the DNR

SATURDAY MORNING

(Executive Training Room)

6:30 a.m. Registration

7:00 a.m. Breakfast

7:30 a.m. Opening Remarks (P.J. Garner)

8:30 a.m. KEYNOTE SPEECH (DR. SUSAN SHIBLEY)

MORNING SESSIONS

(Start at 10:00 a.m. in break-out rooms)

Parasitology & Wildlife

This session will review parasites of native Michigan birds, mammals, and turtles. External parasites such as lice, fleas, ticks and mites, flies and leeches will be covered, as well as internal parasites such as roundworms, tapeworms, and flukes. Emphasis will be placed on parasites associated with the most common species encountered by wildlife rehabilitators.

Raptors 101 – Little things that can make a big difference

Raptors in rehabilitation can stress out easily, break feathers in an instant, and injure their feet - all of which can mean a longer stay in rehab and the potential for more problems. We will discuss various

ways to keep the stress level for both the bird and the handler at a minimum, and various other techniques for successfully returning these avian predators to the wild.

Enbridge Oil Spill- What happened and what you can do

The Enbridge Oil Spill, the largest in MI history occurred in late July 2010 in Marshall MI. Hundreds of birds, mammals, reptiles, and amphibians were affected along with miles of the Kalamazoo River and its shoreline. This presentation will discuss the spill, the response, and the need for a trained and coordinated MI rehabilitator response to future manmade and natural disasters.

LUNCHTIME

(Executive Training Room)

Lunch 11:30 to 12:30 PM

Membership / Board Meeting 12:00 to 12:15 PM

Silent Auction

Shop: 11:30 to 12:30 PM

Last call to bid on items: 12:30 PM

Check out: 12:35 to 12:45

Craft tables and vendor(s) available from 11:30 to 12:45 PM

The presence of any items for sale at the conference does not imply their endorsement by the Michigan Wildlife Rehabilitators Association or the Causeway Bay Hotel.

Q & A SESSION ABOUT NUTRITION WITH DR. SHIBLEY

1:00 p.m. – 1:45 p.m.

Always wanted to know about something related to the wildlife for which you care but always forget to ask? This is your chance.

AFTERNOON SESSIONS

(Start at 2:30 p.m. in break-out rooms)

Fawn Fundamentals

From start to finish: A look at nutrition, health, medications and natural enclosures for the rehabilitation of whitetail fawns and how to successfully complete the cycle of reintroducing them back to the wild.

The Challenges of Songbirds

An overview of songbird rehabilitation with emphasis on the basics of food, housing, rearing, medications, and the constant challenge of learning enough about the many species of songbirds that live in or fly through Michigan so that you can help them.

Homeopathic Remedies and the Wild Patient

Homeopathic remedies can be a wonderful tool to aid in the rehabilitation of wildlife if you have a basic understanding of the principles of homeopathy and you use it in conjunction with supportive care and sound nutrition. This session will cover the basic principles of homeopathy and how to correctly use a remedy to treat your wildlife patient.

Formula 101

We will take a closer look at formula and its role in raising healthy mammals.

Raptor Natural History

In order to effectively rehab any species, you need to know who they are, where they live, how they hunt, what they eat, and how they fit into the biodiversity of a habitat. This presentation is brief look at the most common Michigan raptors and their individual adaptations that enable them to fit into the ecological scheme of the natural world.

WILD-One Record Keeping System

The *Wildlife Center of Virginia* is making available, at *no cost* to rehabilitators, an online wildlife record keeping system (WILD-ONE, the Wildlife Intake Log and Database Online Network). It allows the user to maintain paperless records of patients, as well as information about the people that helped rescue, transport or otherwise came into contact with the animal. It includes a geographic logging system, allowing a rehabilitator to see where their animals are coming from and where they were released, as well as a standardized information collection system, allowing more accurate and complete records of patients. It also calculates drug dosages! Although each rehabilitator's data is their own, the *Wildlife Center of Virginia* is able to monitor emerging wildlife diseases and other threats to wildlife by compiling information from all rehabilitators in the area. This system will work for centers, individuals and groups, and automatically generates federal and state annual reports.

MWRA 2011 CONFERENCE SPEAKERS

Dr. Susan Shibley

Dr. Susan Shibley is a wildlife rehabilitator and veterinarian who graduated from Ohio State University in 1990 and became involved with wildlife rehabilitation in 1992. Currently rehabilitating from her home, she works primarily with mammals; especially with raccoons as there are very few raccoon rehabilitators in Ohio. She has presented at conferences in Michigan, Ohio, New York, and Canada as well as at several NWRA conferences. In 2008 she conducted a three-hour seminar/workshop on wound management in wild mammals here in Michigan. In Ohio, Dr. Shibley is an instructor in the Category I (beginner) Wildlife Rehabilitation Training Class and has undertaken to rewrite the class training manual.

Carol Akerlof

Carol began bird rehabilitation informally in 1978 under the tutelage of Barbara Sattinger. She attended the NWRA conference in Kalamazoo, Michigan in 1984 and discovered she needed permits! So she got them. Marlys Bulander of U.S. Fish & Wildlife commented, "It is so nice to hear someone wants to do songbirds." Carol took volunteer training at *Wildlife Rescue* in Palo Alto, California and then volunteered full-time at their facility for a week before returning to Michigan. She returned to California in 1992 and during that time the bird volunteers incorporated and became independent of the Humane Society. In 1993 Carol returned to her work as a reference librarian at Washtenaw Community College, returning to rehabilitation in 2004 when the incorporated group stopped accepting birds. She incorporated the *Bird Center of Washtenaw County* that December. Her interest is primarily songbirds, but the *Center* provides emergency care for waterfowl.

PJ. Garner

PJ. Garner is the founder and president of A Squirrel's Tale Wildlife Rehabilitation in Oakland County and the current president of the Michigan Wildlife Rehabilitators Association. She has specialized in the raising and rehabilitation of squirrels for over 10 years. Her corporate resume includes 27 years in information technology services for one of the largest IT services providers in the world. Her professional skills include photography, writing and presentations and she leverages them in her work with A Squirrel's Tale and in teaching other wildlife rehabilitators and the general public.

Kimberly Poisson, CWR

Kimberly Poisson has been active in wildlife rehabilitation since 1995, working with many different types of mammals and birds, as well as obtaining a general class falconry license and becoming an IWRC Certified Wildlife Rehabilitator. Currently Kimberly focuses her rehabilitation efforts on opossums, mink, and pigeons. She is one of the five founders of *Help 4 Wildlife*, a Washtenaw County based organization that supports rehabilitators and focuses strongly on public education. Kimberly currently serves as secretary for the *MWRA*.

Dody Wyman

Dody Wyman has been involved in wildlife rehabilitation since 1984 and has specialized in raptors since 1990. She is the founder and executive director of *River Raisin Raptor Center* in Manchester, MI which is a big name for a small home-based non-profit facility. Dody served on the *IWRC* Board of Directors for ten years, four of them as President.

Louise Sagaert

Louise founded *WILDSIDE Rehabilitation Center* in 1995. She holds state and federal rehab permits, educational permits, salvage and propagation permits. Louise rehabilitates 1000-1300 animals per

year with the help of 20 volunteers. Louise responded to the Marshall Oil spill as the first MI rehabilitator on scene. Louise has taught special education for 27 years, currently at Eaton Rapids High School.

Darlene Smith

Darlene founded *Lansing Area Search and Rescue* in 1988. The company runs both a human rescue and animal rescue division. Darlene has held a nuisance wildlife permit since 1992 and has been a sub-permittee for *WILDSIDE* since 2001. Darlene specializes in the rehabilitation of cottontail rabbits. Darlene has responded to many natural disasters including oil spills, earthquakes, and floods. Darlene is also a firefighter, EMT, fire inspector and investigator.

Terrance O'Neill

Terence "Will" O'Neill is a University of Michigan alumnus and has been working at the *Bird Center of Washtenaw County* since 2007, serving as clinic director for the last two years. He is currently studying Biology at Eastern Michigan University and plans to attend veterinary school in the fall of 2012, followed by a Masters in Public Health. He implemented the WILD-ONE online database at the *Bird Center* in May, and has been in contact with the developers of the software at the *Wildlife Center of Virginia*.

Bailey Hughes

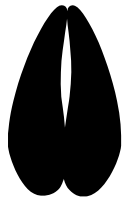
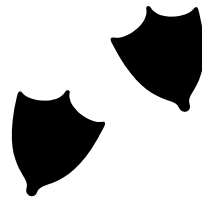
Bailey is a graduate of Eastern Michigan University and has worked in increasingly more supervisory and teaching capacities at the *Bird Center of Washtenaw County* since the summer of 2007. She will be available for one to one conversations about the WILD-ONE wildlife database for wildlife record keeping throughout the MWRA conference. She also will be wearing the dark green Bird Center t-shirt.

Karen Wilke O'Connor, CWR

Karen is a graduate of Eastern Michigan University and holds a BS in Education and a MA in Elementary Education. She has been rehabilitating wildlife for sixteen years and is licensed in the state of Michigan to rehabilitate small mammals and fawns. She has served as President of Therapaws of Michigan and is currently a board member for the organization. She is one of the five founders of *Help 4 Wildlife*, a Washtenaw County based organization that supports rehabilitators and focuses strongly on public education. Karen's main species of focus is fawns.

Dr. Barry O'Connor

Barry O'Connor is an entomologist/parasitologist whose research specializes in the ecology and evolution of mites, mainly those associated with other organisms. He was raised in Iowa and obtained his B.S. Degree in Zoology from Iowa State University. After military service, he earned his Ph.D. in Entomology at Cornell University in New York. After postdoctoral work at the University of California, Berkeley, he joined the faculty of the University of Michigan, where he is now professor in the Department of Ecology and Evolutionary Biology. He also serves as curator of insects and arachnids in the university Museum of Zoology. He has held visiting appointments at the Ohio State University, the Instituto Politecnico Nacional in Mexico City, and the Catholic University of Nijmegen in the Netherlands. He has conducted field research in many part of the world, including Central and South America, Africa, Asia and Australia. He currently teaches Introductory Biology (Ecology and Evolution), and Parasitology at the University of Michigan.



THANK YOU

This year's conference was made possible by the efforts and generous support of the following people and organizations. To them, our heartfelt *thank you!*

MWRA Conference Committee

Kimberly Poisson, PJ. Garner, Diane Schroder, Karen Amsbury & Sarah Klopman

To all our speakers, silent auction donors, vendors and MEMBERS a thank you for your part in your 2011 conference!

HP

(<http://www.hp.com>)

The National Wildlife Rehabilitators Association (NWRA)

(<http://nwrwildlife.org>)

The International Wildlife Rehabilitation Council (IWRC)

(<http://www.iwrc-online.org>)

Causeway Bay Hotel & Convention Center

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Program subject to change without notice.