

Rabies Program Sept 16, 2008

- 9:30** Welcome and Introduction (**Yuill**)
- 9:45** A Medical Overview of Rabies (**Dedmon**)
- History and continuing importance of rabies
 - Global impact and burden of disease
 - Virology and pathogenesis
 - Diagnostics and clinical presentation
 - World Rabies Day: outreach and outcomes
- 10:30** Bats and Rabies (**Frayser**)
- Basic bat biology
 - Incidence of disease in bat populations
 - Free-ranging vs. grounded
 - Wisconsin bat ecology
 - Spp. most encountered by public (when and where)
- 11:00** Rabies Epidemiology and Exposure Management (**Kazmierczak**)
- i. Epidemiology in Wisconsin Rabies exposure defined
 - ii. Pre- and post-exposure immunization
 - iii. Current vaccine shortage
 - iv. Guidelines for management of human exposures
 - v. Management of domestic animal exposures
 - vi. Bite reporting and roles of MD, DVM
 - vii. Collection/ submission of specimens for rabies testing
 - viii. Resources for professionals
- 12:00** Milwaukee-specific trends & protocols (**Campbell**)
- Kinds of calls received / response
 - Notification protocols for the Milwaukee area
 - Assessing submission circumstances

12:30 Lunch at the Zoo

1:30 Post-exposure treatment of exposed humans (Willoughby)

- The “Milwaukee Protocol” (the survivor story)
- Lessons learned – future implications

2:15 What travelers should know about rabies (Radke)

- Risks of exposure
- Current CDC pre- and post-exposure treatment recommendations
- Pertinence of vaccine shortage for travelers
- Problems with post-exposure treatment abroad
(horse serum, nervous system vaccines)

3:00 Break and Live Bat Viewing w/ Bat Conservation of Wisconsin

3:20 Prevention (Diehl)

- Reducing human-wildlife contact; wildlife safety
- Nuisance Bats
Exclusion / bat-proofing
- Educating the educators: information needed for wildlife rehabilitation, control and public safety personnel, and general lay public
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4:00 Looking ahead and wrap-up (Yuill and Panel)

- Next threats in Wisconsin: raccoon rabies moving west (?)
- Next threats in USA:
 - Translocation of wild and domestic animals
 - Trans-border movement of rabies into USA
 - Adaptation of strains of one reservoir to another animal
(bat rabies in skunks in Arizona, dog rabies to coyotes)
- Need to keep pets vaccinated

4:15 Threats worldwide (Fruyer)

- Rabies in the tropics – vampire bats
- Emergence of bat-related Lyssaviruses
- International movement of wild and domestic animals
 - Impacts of rabies on threatened and endangered wildlife species
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4:40 Closing remarks (Yuill and the panel)