



**VENOM WEEK 2005**

**(Formerly "Snakebites in the New Millenium: A State-of-the-Art-Symposium")**

Friday, October 21, 2005: Field Trip, Introductions and Research Presentations	
0700 - 1300	<b>Pre-conference field trip to see Nebraskan or Iowan Rattlesnakes</b>
1200 - 1300	<b>Internal Medicine Grand Rounds</b> David Warrell Malaria and other life-threatening imported fevers
1500 - 1510	<b>Introductory Remarks</b> Harold Maurer, MD Chancellor, University of Nebraska Medical Center
1510 - 1520	<b>Acknowledgements &amp; Announcements</b> Steven A. Seifert Medical Director, Nebraska Regional Poison Center, and Professor, Medical Toxicology, University of Nebraska Medical Center
1520 - 1530	<b>Why are we here?</b> Steven Seifert <i>Dr. Seifert will review the current state of snakebite management literature, the problem of non-native envenomations, the challenges of antivenom development, and the confluence of advances in cladistics and technology that has made this an appropriate time to address these issues. If time permits, he'll also answer the question.</i>

1600 - 1700	<p><b>Platform Session 1:</b></p> <p><b>Recurrent hematologic venom effects in a prairie rattlesnake envenomation</b> Jennifer Audi</p> <p><b>Just a Naja Envenomation in the U.S.</b> Steven Seifert</p> <p><b>Treatment of envenomation by the Southeastern Coral Snake (<i>Micrurus fulvius</i>)</b> Joseph Gennaro, Jr.</p>
1900 - 2100	<p><b>Opening Reception</b></p>

**Saturday, October 22, 2005: Epidemiology and Clinical Management (Durham Research Center, UNMC)**

0700 - 1700	<p><b>Posters on Display</b> Main Foyer - Durham Research Center</p>
0800 - 0815	<p><b>Announcements and introduction of the day's topics</b> Steven Seifert</p>
0815 - 0845	<p><b>TBA</b></p>
0845 - 0900	<p><b>Break: Refreshments/Authors with posters</b></p> <ul style="list-style-type: none"> <li>- <b>Unusual presentation of elapid envenomation in the US</b> Kenneth Scott Whitlow</li> <li>- <b>Bacterial Fauna in oral cavities of snakes</b> Kristen Leigh Wiley</li> <li>- <b>Prospective Measurement of Intra-compartmental Pressure following Crotaline Snakebites as a Determinant for Compartment Syndrome</b> Shu Shum</li> <li>- <b>Prairie Rattlesnake (<i>Crotalus viridis viridis</i>) envenomation: Recurrent coagulopathy in a child treated with immune Fab</b> Chris P. Lintner, Dan Keyler, Beth Bilden</li> <li>- <b>Gila Monster (<i>Heloderma suspectum</i>) envenomation at a zoo</b> Steven Seifert</li> </ul>

0900 - 0930	<b>State-of-the-Art system management for non-native envenomations: The new online Antivenom Index</b> Leslie Boyer
0930 - 1015	<b>The diversity of venomous snakes in the pet trade: venoms, antivenoms, and unknowns</b> Bryan Fry
1015 - 1200	<b>The Trouble with Tribbles: The problem of non-native species</b>  <ol style="list-style-type: none"> <li><b>1. Exotics in the homeland</b> Dan Keyler</li> <li><b>2. Prevention and Response to Non-Native Envenomations at Omaha's Henry Doorly Zoo</b> Jessi Krebs</li> <li><b>3. Non-native envenomations in TESS, US case series and reports</b> Steven Seifert</li> <li><b>4. When the phone rings at midnight: Exotic snakebite in the United States</b> Kristen Leigh Wiley</li> <li><b>5. Panel discussion</b> Leslie Boyer, Dan Keyler, Jessi Krebs, Steven Seifert, Kristen Leigh Wiley</li> </ol>
1200 - 1320	Lunch
1320 - 1420	<b>Snakebite diagnosis and management in Tropical countries</b> David Warrell
1420 - 1450	<b>Current controversies in snakebite treatment in the US and the post- marketing experience of CroFab</b> Richard Dart
1450 - 1505	Break: Refreshments
1505 - 1520	<b>The state of the English language literature on clinical management of cobra, mamba, bitis, and boomslang envenomations</b> Steven Seifert
1520 - 1540	<b>TBA</b>
1540 - 1600	<b>From Heloderma to Dendroaspis: Venom production and husbandry in a large diverse collection</b> Kristen Leigh Wiley
1600 - 1615	<b>The use of a venomous reptile restraining box at Omaha's Henry Doorly Zoo</b> Jessi Krebs

1615 - 1630	<b>Venomous snake shift training at the Henry Doorly Zoo</b> Sara Kipp
1630 - 1650	<b>Males biting males: Does testosterone shape both sides of the snakebite equation?</b> Michael Cardwell
1650 - 1700	<b>Day's wrap-up</b>
1900	<b>Conference Dinner at the Henry Doorly Zoo Aquarium</b> After-dinner talk by Lee Simmons, Director, Henry Doorly Zoo; and Behind-the-scenes tour of the Desert Dome with Jessi Krebs

Sunday, October 23, 2005: Venoms and Antivenoms	
0800 - 0840	<b>Pick your poison: The molecular evolution of reptile venom</b> Bryan Fry
0840 - 0910	<b>Advances in antibody therapy of venom poisonings</b> Richard Straight
0910 - 0930	<b>Break: Refreshments/Authors with posters</b>  - <b>Inhibition of lung tumor formation in BALB/C mice treated with disintegrins isolated from <i>Crotalus atrox</i> (Western Diamondback Rattlesnake) venom</b> Elda Sanchez  - <b>Small mammals as a natural source of snake venom metalloprotease inhibitors</b> James E. Biardi  - <b>Sunburst Tarantula (<i>Pterinochilus murinus</i>) envenomation</b> Steven Seifert
0930 - 1015	<b>A review of important considerations in developing antivenom</b> John Perez
1015 - 1115	<b>Antivenoms: Clinical efficacy and safety -- The need for trials data</b> David Warrell
1115 - 1145	<b>Inhibition of two North American coral snake venoms by the United States and Mexican coral snake antivenoms</b> Elda Sanchez
1145 - 1300	<b>Manufacturing issues in antivenom development</b> TBA
1300 - 1330	<b>Conference wrap-up</b>

Questions or comments? Email Steven A. Seifert, MD, Symposium Organizer:  
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