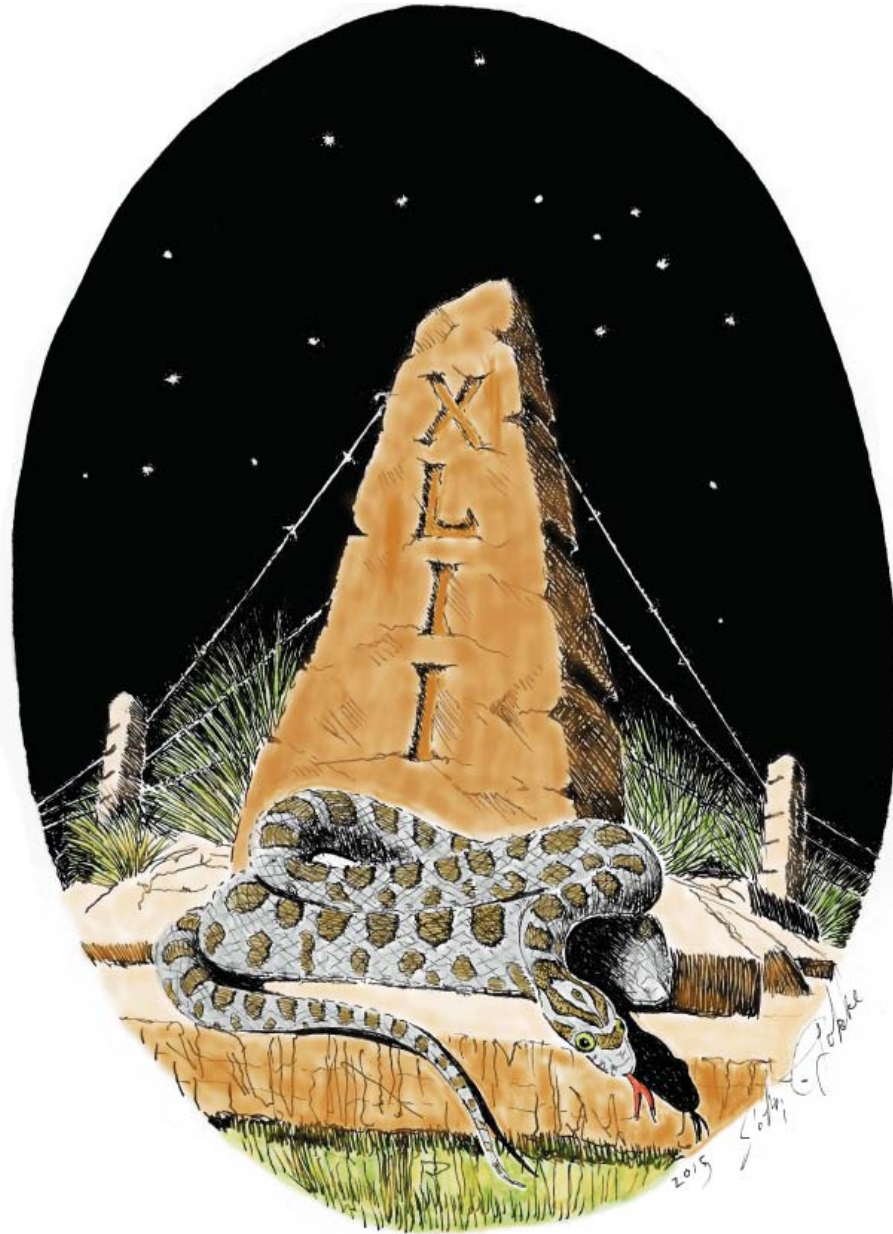


# KANSAS HERPETOLOGICAL SOCIETY

42nd Annual Meeting • 7-8 November 2015



Fort Hays State University, Hays, Kansas

### *Sponsors*

John F. Lokke • Sternberg Museum of Natural History-FHSU  
JTC Enterprises • FHSU, New Science College  
The Center for North American Herpetology-CNAH.org



SATURDAY • 7 NOVEMBER 2015

8:00-9:00 am Registration: **Eva A. Horne** (*KHS Secretary*) and **David Oldham** (*KHS Treasurer*) in the first floor foyer of Albertson Hall, FHSU, Hays, Kansas. *KHS Annual Meeting T-Shirts* featuring original artwork by our own **John F. Lokke** and weekend passes to SMNH will be available for purchase. Beverages and breakfast pastries provided.

PLEASE NOTE: Photographers competing for **The Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology** must get their submissions set up and ready for viewing between 8:00 am and 10:00 am on this date in Room 248 of Albertson Hall. Judging will be completed by **6:00 pm** on same date. Competing photographers must be present for the *KHS Awards Ceremony* on Saturday afternoon.

**Scientific Paper Session 1 in the Room 169 Albertson Hall, FHSU**

- 9:00 am: Welcome by **Dr. Mirta Martin**, *President, Fort Hays State University*.
- 9:05 am: Opening Address by **Walter Meshaka, Jr.**, *President, Kansas Herpetological Society, Harrisburg, PA*.
- 9:15 am: Summary of November 6th's Crawfish Frog Symposium. **Michael J. Lannoo**, *Indiana University School of Medicine, Terre-Haute, IN*.
- 9:30 am: \*Amphibian and Reptile Survey of Reading Woods, Lyon County, Kansas. **Garrett Rotert** and Lynnette Sievert, *Emporia State University, Emporia, KS*.
- 9:45 am: Demography of an Urban Population of Ring-necked Snakes. **J. Daren Riedle**, *Kansas Department of Wildlife, Parks, and Tourism, Pratt, KS*.
- 10:00 am: \*This is for the Birds: Developing Monitoring Protocols for Multiple Groups. **Kasandra A. Brown**, Jeffrey T. Seim, Rachel Laubhan, and Bill Stark, *Fort Hays State University, Hays, KS*.

**BREAK 10:15 to 10:30 am**

**Scientific Paper Session 2 in the Room 169 Albertson Hall, FHSU**

- Moderator: **Walter Meshaka, Jr.**, *President, Kansas Herpetological Society, Harrisburg, PA*.
- 10:30 am: \*Debunking the Viper's Strike: High-Speed Striking Behavior and the Killing of a Classic Assumption. **David Penning**, *University of Louisiana-Lafayette, Lafayette, LA*.
- 10:45 am: Rat Snake Reproduction in the Clutches of Geography. **Walter E. Meshaka, Jr.**, *State Museum of Pennsylvania, Harrisburg, PA*, and Curtis J. Schmidt, *Sternberg Museum of Natural History-FHSU, Hays, KS*.

11:00 am KEYNOTE ADDRESS:

**Mambas, Malaria, and Militias: 21st Century Herpetology in the Jungles of the Democratic Republic of Congo.**

**Eli Greenbaum** *University of Texas-El Paso, TX.*



11:35 am KHS Group Photograph (**Larry L. Miller**, *Kansas Heritage Photography*)

**LUNCH: 11:50 am to 1:15 pm**

(Meeting participants are expected to forage independently, or in large groups if this provides leverage.)

**Scientific Paper Session 3 in Albertson Hall 169**

Moderator: **Keith Geluso**, *University of Nebraska, Kearney*

- 1:15 pm: \*Recent Insight into the Distribution of Several Species of Amphibians and Reptiles in South-Central Kansas. **Dexter R. Mardis**, Molly M Reichenborn, and Jennifer N Smith. *Wichita State University, Wichita, KS*.
- 1:45 pm: \*Population Dynamics of Aquatic Testudines of Quivira National Wildlife Refuge. **Jeffrey Seim**, Kasandra Brown, William Stark, Rachel Laubhan. *Fort Hays State University, Hays, KS*.
- 2:00 pm: \*Surveying Sex Ratios and Mortality Rates of Turtles Crossing Highway 13 Near Warrensburg, Missouri. **Dalton Whittle**, *University of Central Missouri, Warrenburg, MO*.
- 2:15 pm: \*Male Response to Female Chemical Signals in Painted Turtles (*Chrysemys picta*). **Justine Becker** and R. Brent Thomas, *Emporia State University, Emporia, KS*.
- 2:30 pm: \*Techniques and Methodology for Establishing Barred Tiger Salamander Conservation in Eastern Nebraska. **Brooke Welsh-Appleby**, *University of Nebraska, Lincoln*.
- 2:45 pm: \*Correlates for Diversity in a Snake Community along the Canadian River. **Andrew T. Lee** and Richard T. Kazmaier, *West Texas A&M University, Canyon, TX*.

**BREAK 3:00 to 3:15 pm**

***Your 10 Best: Multimedia Showcase in Albertson Hall 169***

Bring powerpoints of your ~10 best photos, and/or short video or audio files of the Kansas herpetofauna, Kansas herpers, and your favorite places in Kansas. By popular demand, we're bringing back this former staple of KHS Annual Meetings. Be prepared to ohhh and ahhh (but please keep it PG-13).

4:15 pm

***KHS General Business Meeting in Albertson Hall 169***

*KHS General Business Meeting*, KHS President **Walter Meshaka** presiding  
Introduction of KHS Officers & Committee Chairpersons  
*KHS Treasurer's Report for 2015* by **David Oldham**  
*KHS Secretary's Report for 2015* by **Eva A. Horne**  
*KHS Editor's Report for 2015* by **Curtis J. Schmidt**  
*KHS Historian's Report for 2015* by **Suzanne L. Collins**  
*KHS Website Report for 2015* by **Travis W. Taggart**  
*KHS KNWAC Liason Report for 2015* by **Travis W. Taggart**  
*KHS KDWPT Liason Report for 2015* by **J. Darren Riedle**  
*KHS Sternberg Museum Liason Report for 2015* by **Curtis Schmidt**

Report on Plans for the 43rd Annual *KHS Meeting* on the first weekend in November 2016  
by *KHS President-Elect Eric Kessler, Blue Valley School District, Kansas.*

*Election of KHS Officers for 2016.*

**Dan Carpenter** (*Derby, Kansas*), the *KHS Nominating Committee*, offers the following slate of candidates:  
For President-Elect (unopposed) • **Dexter Mardis**, *Wichita, KS*  
For Treasurer (unopposed) • **Daren Riedle**, *Pratt, KS*  
For Secretary (unopposed) • **Kelley Tuel**, *Olathe, KS*

Announcement of the results of the KHS election by the *KHS President*

***DINNER ca. 4:45 to 6:15 pm***

(Meeting participants are again expected to forage, this time with greater skill because of their lunch-time experience.)

**SATURDAY EVENING • 7 NOVEMBER 2015**

*Sternberg Museum of Natural History*

4:00-6:00 pm - *formal tours of the Collection and Library - self-guided tours of the Museum*

6:00-6:30 pm - *Poster Session in the Lobby*

6:30 pm - *KHS Awards Ceremony @ Sternberg Museum of Natural History*

*Moderator: Daniel D. Fogell, Southeast Community College, Lincoln, Nebraska.*

**Walter E. Meshaka, Jr. Award for Best Poster on NA Herpetology** for 2015.

The recipient receives a commemorative certificate and a check for \$100.

**Henry S. Fitch-Dwight R. Platt Award for Field Herpetology** for 2015.

The recipient receives a commemorative certificate and a check for \$200.

**Howard Kay Gloyd-Edward Harrison Taylor Scholarship** for 2015.

The recipient receives a commemorative certificate and a check for \$300.

**Alan H. Kamb Grant for Research on Kansas Snakes** for 2015.

The recipient receives a commemorative certificate and a check for \$300.

**The Suzanne L. & Joseph T. Collins Award for Excellence in Kansas Herpetology** for 2015.

The recipient of The Collins Award receives a commemorative certificate and a check for \$1000.

6:30 pm The *KHS Auction* will be conducted in the Sternberg Museum of Natural History lobby **Daniel Fogell, Walter E. Meshaka, Jr., and Eric Thiss**, ably assisted by *KHS Secretary Eva Horne* and *KHS Treasurer David Oldham*, and featuring many breath-taking items (of questionable value).  
The *KHS* takes cash, credit cards, and checks. Be sure and get a bidding number before the auction commences. Bid vigorously, and support the *KHS*.

SUNDAY • 8 NOVEMBER 2015

8:00-9:00 am Registration for participants that did not register on Saturday: **Eva A. Horne** (KHS Secretary) and **David Oldham** (KHS Treasurer) just outside Albertson Hall 169.

**Scientific Paper Session 4 in Albertson Hall 169**

Moderator: **Robin Oldham**, Oswego, Kansas

- 9:00 am \*Salinity Tolerance of *Lithobates catesbeianus*. **Dylan Tegtmeier**, University of Nebraska, Lincoln, NE.
- 9:15 am Turtle Assemblage Structure on the Sarju River, Uttar Pradesh, India. **J. Daren Riedle**<sup>1</sup>, Shailendra Singh<sup>2</sup>, Shashwat Sirsi<sup>2</sup>, Chaitra Baliga<sup>2</sup>, Bhasker Dixit<sup>2</sup>. <sup>1</sup>Kansas Department of Wildlife, Parks, and Tourism. Pratt, KS. <sup>2</sup>Turtle Survival Alliance, India Program, Lucknow, India.
- 9:30 am Chameleons of Uganda: Species Composition, Distribution, and Phylogenetic Insights. **Daniel F. Hughes**, Mathias Behangana, and Eli Greenbaum, University of Texas-El Paso, TX.
- 9:45 am Evidence of Genetic Isolation in Populations of the Puerto Rican Worm Lizard (*Amphisbaena caeca*): A Glimpse into the Evolutionary History of a Subterranean Reptile. **Oscar E. Ospina** and Richard Thomas, University of Puerto Rico-Rio Piedras, San Juan, Puerto Rico.
- 10:00 am Effects of Nutrition on Sexual Reproduction in *Eublepharis macularius*. **Lisa Keys**, University of Nebraska, Lincoln, NE.

**BREAK 10:15 to 10:30 am**

**Scientific Paper Session 5 in Albertson Hall 169**

Moderator: **Bill Stark**, Fort Hays State University, Hays, KS

- 10:30 am \*Biodiversity and Demographics of a Snake Assemblage at the Shippensburg University Campus, Cumberland County, Pennsylvania. **Vladimir Rep**, Shippensburg University, Shippensburg, PA.
- 10:45 am The Snake Community of Wallops Island, VA: The Reign of the Eastern Racer, *Coluber constrictor*. **Pablo R. Delis**, Shippensburg University, Shippensburg, PA, and Walter E. Meshaka, Jr., State Museum of Pennsylvania, Harrisburg, Pa.
- 11:00 am \*Home Range, Habitat Utilization, and Movement Patterns of Female Eastern Box Turtles (*Terrapene carolina carolina*) in South-Central Pennsylvania: Implications for Conservation. **Sarah Bartle**, Shippensburg University, Shippensburg, PA.
- 11:15 am Sleep Time for the Tjakura: Environmental Correlates of Burrow Persistence for an Endangered Australian Skink. **Doug Eifler** and Maria Eifler, Erell Institute.
- 11:30 am hHide-and-seek on a Desert Dune: Antipredator Decisions for the Shovel-snouted Sand Lizard (*Meroles anchietae*). **Jessica Evans**, Oklahoma State University, Stillwater, OK and Doug Eifler, Erell Institute.
- 11:45 pm \*Substrate use within a shinnery oak dunes lizard community. **Logan D. Ediger**, West Texas A&M University, Canyon, TX, **Danielle K. Walkup**, **Wade A. Rydberg**, **Lee A. Fitzgerald**, and **Toby J. Hibbits**, Texas A&M University, Bryan, TX.

**Noon: Presentation of the fifth annual George Toland Award by KHS President Walter E. Meshaka, Jr.**

The award is given for the best paper presented at this meeting by a KHS student member on the ecology of North American amphibians and reptiles. The KHS Awards Committee will select the winner. The recipient must be present to receive the commemorative certificate and a check for \$200, co-sponsored by the KHS and *The Center for North American Herpetology*.

**ADJOURNMENT**

Have a safe trip home.

See you on the first full weekend in November 2016 for the 43rd Annual KHS Meeting.

**42nd Annual Meeting Committee**

**Curtis J. Schmidt** (Chairperson)

**Walter E. Meshaka, Jr.**, **Jeffery Seim**, **Kasandra Brown**, **Bill Stark**, and **Travis Taggart**

\* Signifies eligibility for the **George Toland Award for Ecological Research on North American Herpetofauna**.



# KHS POSTER SESSION

SATURDAY 7 NOVEMBER • 6:00 PM - 6:30 PM

Sternberg Museum Lobby

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Historic Distribution and Range Contraction of the Crawfish Frog (*Lithobates areolatus*) in Texas.

**Daniel Saenz and Toby J. Hibbitts**, *USDA Forest Service, Nacogdoches, TX.*

Artificial Burrow Use by Juvenile Crawfish Frogs

**Jonathan Swan**, *Indiana State University, Terre-Haute, IN.*

Wildlife Cameras Reveal Resilience to Climate Variable in a Threatened Frog Species.

**Rochelle Stiles**, *Indiana State University, Terre-Haute, IN.*

From Fighter Jets to Giant Snakes: Using Aerospace Physiology to Understand Snake Constriction.

**David Penning**, *University of Louisiana-Lafayette, Lafayette, LA.*

Efficacy of Three Artificial Cover Materials in Herpetological Surveys of Prairie Habitats.

**Greg Sievert and Andrew W. Coleman**, *Emporia State University, Emporia, KS.*

An Electric Fence for Protecting Nesting Areas of Freshwater Turtles.

**Greg Geller**, *Leland, WI.*

Calling Phenology of the Introduced Rio Grande Chirping Frog (*Eleutherodactylus cystignathoides*).

**Cory K. Adams and Daniel Saenz**, *USDA Forest Service, Nacogdoches, TX.*

Fixing to Collect? A Validated Brain Tissue Preservation Method for Mitigating the Loss of Neuroanatomical Data in Threatened Biodiversity Hotspots.

**Daniel F. Hughes**, Paul M. Gignac, Carl S. Lieb, Eli Greenbaum and Arshad M. Khan, *University of Texas-El Paso, TX.*

# NEARBY RESTAURANTS

1. Alberson Hall, FHSU (you are here)
2. Memorial Union (Starbucks, Grab-n-Go, Mondo's Subs)
3. On the Rocks  
507 W 7th St, Hays, KS  
(785) 301-2711
4. Cancun Mexican Grill  
1011 Elm St, Hays, KS  
(785) 621-4550
5. Taco Shop  
333 W 8th St, Hays, KS  
(785) 625-7114
6. Golden Q  
809 Ash St, Hays, KS  
(785) 625-6913
7. Golden Griddle  
230 W. Ninth, Hays, KS  
(785) 301-2483
8. Gutch's Bar & Grill  
111 W 7th St, Hays, KS  
(785) 623-4088
9. Sip N Spin Bar & Grill  
209 W 10th St, Hays, KS  
(785) 625-9292
10. Lomatos Pizza  
130 W 9th St, Hays, KS  
(785) 623-2888
11. Sake2Me Sushi  
700 Main St, Hays, KS  
(785) 301-2999
12. TK's Smokehouse  
110 W 11th St, Hays, KS  
(785) 259-2828
13. Augustine's Bakery  
1305 Main St, Hays, KS  
(785) 621-2253
14. Soda Shoppe Cafe  
800 Main St, Hays, KS  
(785) 625-7323
15. Daylight Donuts  
113 E 8th St, Hays, KS  
(785) 625-7016
16. Chinese Food Express  
1312 Main St, Hays, KS  
(785) 628-9999
17. The Paisley Pear Cafe  
1100 Main Street, Hays, KS  
(785) 621-4660
18. Gella's Diner & Lb Brewing Co.  
117 E 11th St, Hays, KS  
(785) 621-2739

