



Society for the Study of Amphibians & Reptiles

Annual Meeting at the University of Kansas
THURSDAY, JULY 30, – MONDAY, AUGUST 2, 2015

In association with

Partners in Amphibian and Reptile Conservation

Kansas Herpetological Society

Center for North American Herpetology

Missouri Herpetological Society

Arkansas Herpetological Society

International Society for the History and Bibliography of Herpetology

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General Information for Attendees

Wireless and meeting app: Free Wifi is available throughout the Union. We recommend that you access the KU Passport network with the guest username “Reptiles” and password “haCW5Vof”. Our official smartphone application – SSAR 2015 by HelloCrowd – is available via the Apple and Android app stores. Consult the app for the latest version of the schedule and other conference information, including abstracts for presentations.

Dining: Breakfast: Complimentary breakfast is available at most of the recommended lodging (except the Oread). Breakfast will also be available for purchase in The Market on Level 3 of the Union from 8 – 10:30am. Lunch: The most convenient location to purchase lunch is The Marketplace on level 3 of the Union, which will be open for lunch from 10:30am – 2pm. Lunch options at the Marketplace include Brella’s Deli, Garden Gourmet Salad Bar, Boulevard Grill, The Panini Press and Pizza Hut. The Bird Dog Bar in the Oread Hotel will also be open for lunch throughout the conference. Other lunch options will require a 15+ minute downhill walk from the meeting venue (see back page for suggestions that are further afield). Dinner: Diner options include the Bird Dog Bar at the Oread Hotel and a rich diversity of other Lawrence area bars and restaurants. Many restaurants are located along Massachusetts St. between 12th and 6th, less than 1 mile east of campus (see back page for recommendations there and elsewhere). Coffee & Tea: Coffee and tea will be available at all session breaks. If you need coffee outside of break times, or an espresso drink, the Roasterie Coffee Shop on Level 4 of the Union will be open 8am – 3 pm throughout the meeting. The Hawk Shop convenience store, also located on Level 4 of the Union, generally has drip coffee available between 7am and 5pm.

Alcohol: The University of Kansas has strict alcohol policies that must be followed by all meeting attendees. Alcohol is forbidden on campus (including the dormitory) outside of official University approved events where alcohol will be served by KU catering services. Drink tickets provided at registration to all attendees are valid for three on-campus events: the Friday and Saturday poster sessions at the Kansas Union Ballroom and the Saturday social honoring senior herpetologists in Spooner Hall. Tickets are the only form of payment that will be accepted in exchange for drinks at these events (you will not be able to purchase drinks directly from the bar at these events using cash or credit). Additional drink tickets for use at these three on-campus events will be on sale for \$5 in the registration area throughout the conference and must be purchased with cash. Drink tickets are not valid at events in the Oread Hotel due to the availability of hosted and cash bars at this venue.

Parking: Parking near the meeting venue is available at the University of Kansas’s Mississippi Street Parking Garage, where rates are \$1.75 for the first hour and \$1.50 per hour thereafter. Parking in this garage is billed 24/7. SSAR 2015 cannot validate or reimburse for garage parking. Aside from the garage, parking on campus lots is by permit only. We strongly advise that you do not use these permitted lots because parking rules are strictly enforced and you will be ticketed. Free street parking is available on many streets adjacent to campus for those willing to include a short walk in their commute. Free parking is also available at most recommended lodging options, including the GSP dormitory, the Holiday Inn, and Spring Hill Suites. Guests at the Oread will be billed \$12 a day for parking.

Dormitories: Check-in at the Gertrude Sellards Pearson (GSP) Residence Hall begins at 2pm on Wednesday and continues 24 hours a day for the duration of the conference (500 W 11th Street, Lawrence; 785-864-4884). Space in GSP is only available to those who made reservations at least one week prior to the start of the meeting and will not be available on a walk-up basis. A full breakfast buffet is freely available to all dormitory guests from 7:00 – 9:00am on the ground level of GSP in the North College Café. Free parking is open to all registered dormitory guests in a parking garage located just west of GSP on the corner of 11th and Indiana Streets. Do not park in the open lot in front of GSP because this is a permitted lot and you will be ticketed. Alcohol is forbidden in the dormitories. Every dorm guest must check out by 11am on Monday, August 3rd.

Field Trips: The starting location for all field trips is included in the agenda. Field trip attendees must arrive on time and in the correct location because the schedule is tight. If you signed up for a field trip, but are no longer able to attend, please contact the conference organizers at ssar2015@ku.edu so that we can make your spot available to another attendee.

Presenters: All presenters have received detailed messages from the conference organizers with instructions and scheduling information. Contact conference organizers immediately at ssar2015@ku.edu if you did not receive any such messages or have problems with your current scheduling. All oral presenters must submit any digital slides in Microsoft PowerPoint or Adobe PDF format to AV specialists in the room the presentation is scheduled prior to the start of their scheduled session (by 5pm the previous day for morning presentations and by noon the day of for afternoon presentations; AV staff will be available in presentation rooms or a central receiving location during breaks and lunches to receive presentations). All presentations will be on Dell desktop or laptop computers running the Windows 7 operating system. Use of personal laptops for projection is strictly forbidden. Presentation rehearsal space with a Dell laptop and projector will be available in the Governor’s Room on the 5th Level of the Union throughout the conference on a first-come, first-serve basis. Additional rehearsal space with standard AV hook-ups for flatscreen TV is available in conference room on first floor of GSP dormitory (no conference computers are available in this space). Poster presenters will be able to put their posters on display starting at 7:30am on the day of their scheduled session and must remove their posters by 7pm the same day.

Courtesy during oral presentations: The conference organizers are doing everything in our power to ensure that all concurrent sessions start and end at the same times so that attendees are able to move between sessions without missing content or interrupting presentations that are already in progress. We kindly ask that attendees are respectful of presenters by (1) not aggregating for conversation immediately outside rooms with active presentations and (2) entering rooms only during question sessions or between presentations whenever possible.



Agenda

July 30 – August 2, 2015

Wednesday

July 29

02:00 pm

Dorm check-in starts

GSP Dormitory

Thursday

July 30

am	Breakfast on own	Dorms, Restaurants, Union Marketplace
09:00 am – 04:00 pm	SSAR Board Meeting w/lunch & snacks	Union, Level 6, Kansas Room
09:00 am – 05:00 pm	Classical & Illustrated Herp Books Exhibit	Spencer Library
09:00 am – 05:00 pm	KU Natural History Museum exhibits	Dyche Hall, Levels 3–6
12:00 pm – 01:00 pm	Lunch on own	Union, Level 3, Marketplace
03:00 pm – 04:00 pm	KU Herpetology Tour #1	Meet in front of Dyche Hall
03:30 pm – 05:00 pm	Fitch Natural History Reserve Tour #1	Meet in front of Union
04:00 pm – 05:00 pm	KU Herpetology Tour #2	Meet in front of Dyche Hall
04:00 pm – 08:00 pm	Exhibitor set-up	Union, Level 5, Ballroom
04:00 pm – 08:00 pm	Poster Session #1 set-up	Union, Level 5, Jayhawk Room
04:00 pm – 08:00 pm	Live Animal Exhibit	Oread Hotel, Gathering Room 1
04:00 pm – 10:00 pm	Registration	Oread Hotel
04:00 pm – 07:00 pm	Dinner on own	Hotels, Restaurants
07:00 pm – 08:30 pm	Presidential Travelogue ^{*†}	Oread Hotel, Griffith Ballroom
08:30 pm – 11:00 pm	No Host Social ^{*†}	Oread Hotel, Hancock/All Season's

Friday

July 31

am	Breakfast on own	Dorms, Restaurants, Union Marketplace
07:30 am – 05:00 pm	Registration	Union, Level 5
07:30 am – 05:00 pm	Presentation testing and rehearsal	Union, Level 5, Governor's Room
07:30 am – 08:30 am	Poster Session #1 set-up	Union, Level 5, Jayhawk Room
07:30 am – 08:30 am	Exhibitor set-up	Union, Level 5, Ballroom
08:30 am – 10:00 am	Plenary Session A	Union, Level 5, Ballroom
08:30 am – 06:30 pm	Silent and live auction item viewing	Union, Level 5, Parlors
09:00 am – 05:00 pm	Classical & Illustrated Herp Books Exhibit	Spencer Library
09:00 am – 05:00 pm	KU Natural History Museum exhibits	Dyche Hall, levels 3–6
09:00 am – 06:30 pm	Poster Session #1	Union, Level 5
		Jayhawk (9am-12pm); Ballroom (1-6:30pm)**
09:00 am – 10:30 am	Fitch Natural History Reserve Tour #2	Meet in front of Union
10:00 am – 10:30 am	Refreshment break*	Union, Level 5, Parlors
10:30 am – 12:00 pm	Plenary Session B	Union, Level 5, Ballroom
11:15 am – 12:00 pm	SSAR Keynote Lecture: David Hillis	Union, Level 5, Ballroom
12:15 pm – 12:30 pm	KU alumni group photo	Front steps of Dyche Hall
12:00 pm – 01:00 pm	Lunch on own	Union, Level 3, Marketplace
12:00 pm – 01:00 pm	SSAR judges meeting w/lunch	Union, Level 5, International Room
12:00 pm – 01:00 pm	Allen Press Social Media Workshop	Union, Level 6, Pine Room

01:00 pm – 05:30 pm	Concurrent sessions ♦ Evolution/Systematics: Phylogeny & Phylogeog. ♦ Seibert Competition: Evolution/Systematics ♦ PARC Symposium: Priority Areas ♦ Seibert Competition: Ecology	Union Level 5, Big 12 Room Level 6, Kansas Room Level 4, Alderson Aud. Level 5, Jayhawk Room
01:00 pm – 06:30 pm	Exhibitor set-up and display	Union, Level 5, Ballroom
02:00 pm – 03:30 pm	Fitch Natural History Reserve Tour #3	Meet in front of Union
03:00 pm – 03:30 pm	Refreshment break*	Union, Level 5, Ballroom
05:00 pm – 06:30 pm	Poster Session #1 reception*†	Union, Level 5, Ballroom
05:00 pm – 06:00 pm	Herpetological Quiz	Union, Level 6, Pine Room
06:00 pm – 07:30 pm	Social honoring senior herpetologists (all invited)*†	Spooner Hall, The Commons
06:00 pm – 08:00 pm	Dinner on own	Hotels, Restaurants
06:30 pm – 07:30 pm	KU Herpetology alumni reception & tour	Dyche Hall, 6 th Floor
06:30 pm – 07:00 pm	Poster Session #1 tear-down	Union, Level 5, Ballroom
07:30 pm – 09:30 pm	KU Herpetology alumni dinner	Dyche Hall, The Panorama
09:30 pm – 11:00 pm	AV shows: “Amphibians of the Appalachians” & “Herpetologists Past and Present”	Union, Level 5, Ballroom

Saturday

August 1

am	Breakfast on own	Dorms, Restaurants, Union Marketplace
07:30 am – 09:00 am	Poster Session #2 set-up	Union, Level 5, Ballroom
07:30 am – 05:00 pm	Presentation testing and rehearsal	Union, Level 5, Governor’s Room
08:30 am – 06:00 pm	Live animal exhibit	Oread Hotel, Gathering Room 1
08:30 am – 06:00 pm	Silent and live auction item viewing	Union, Level 5, Parlors
08:30 am – 08:55 am	SSAR Plenary: Harry Greene	Union, Level 5, Big 12 Room
09:00 am – 06:30 pm	Poster Session #2	Union, Level 5, Ballroom
09:00 am – 05:00 pm	KU Natural History Museum exhibits	Dyche Hall, levels 3–6
09:15 am – 10:30 am	Fitch Natural History Reserve Tour #4	Meet in front of Union
09:00 am – 12:00 pm	Concurrent sessions ♦ Evolution/Systematics: General & Methods ♦ PARC Symposium: PARC’s Partners ♦ Seibert Competition: Evolution/Systematics ♦ Seibert Competition: Conservation	Union Level 5, Big 12 Room Level 6, Kansas Room Level 4, Alderson Auditorium Level 5, Jayhawk Room
12:00 pm – 01:30 pm	Book signing: Haines, Dodd, & Duellman	Union, Level 4, Traditions Area of Lobby
12:00 pm – 01:00 pm	PARC Pizza lunch for students: exploring non-academic careers in herpetology	Union, Level 6, Malott Room
12:00 pm – 01:00 pm	Lunch on own	Union, Level 3, Marketplace
01:00 pm – 03:00 pm	Classical & Illustrated Herp Books Exhibit	Spencer Library
01:00 pm – 05:30 pm	Concurrent sessions ♦ SSAR Symposium: Frontiers ♦ PARC Symposium: PARC’s Partners ♦ Conservation and Ecology ♦ Seibert Competition: Physiology/Morphology	Union Level 5, Big 12 Room Level 6, Kansas Room Level 4, Alderson Aud. Level 5, Jayhawk Room
02:00 pm – 03:30 pm	Fitch Natural History Reserve Tour #5	Meet in front of Union
03:00 pm – 03:30 pm	Refreshment break*	Union, Level 5, Ballroom
05:00 pm – 06:30 pm	Poster Session #2 reception*†	Union, Level 5, Ballroom
05:00 pm – 06:00 pm	Herpetological Quiz	Union, Level 6, Pine Room
06:00 pm – 08:00 pm	Dinner on own	Hotels, Restaurants
06:00 pm – 07:30 pm	SSAR student social*†	Oread Hotel, Hancock/All Season’s
06:30 pm – 07:00 pm	Exhibitor & Poster Session #2 tear-down	Union, Level 5, Ballroom
07:30 pm – 11:00 pm	Live Auction & Reception*†	Oread Hotel, Hancock/All Season’s Den

Sunday**August 2**

am	Breakfast on own	Dorms, Restaurants, Union Marketplace
08:30 am – 03:30 pm	Presentation testing and rehearsal	Union, Level 5, Governor's Room
08:30 am – 06:00 pm	Live Animal exhibit	Oread Hotel, Gathering Room 1
08:30 am – 09:00 am	PARC Plenary: Tyrone Hayes	Union, Level 5, Alderson Auditorium
12:00 am – 05:00 pm	KU Natural History Museum exhibits	Dyche Hall, levels 3–6
09:00 pm – 12:00 pm	Concurrent sessions ♦ Seibert Competition: Evolution/Systematics ♦ SSAR Symposium: Bones, Frogs, & Evolution ♦ PARC Symposium: Comm. Conservation ♦ Ecology	Union Level 5, Big 12 Room Level 6, Kansas Room Level 4, Alderson Auditorium Level 5, Jayhawk Room
10:00 am – 10:30 am	Refreshment break*	Union, Level 5, Ballroom
12:00 pm – 01:00 pm	Lunch on own	Union, Level 3, Marketplace
12:00 pm – 01:00 pm	Cornell Herpetological Society reunion	Meet in front of Dyche Hall
01:00 pm – 03:30 pm	Final Exhibitor tear-down	Union, Level 5, Ballroom
01:00 pm – 05:15 pm	PARC & SSAR workshops: Distilling Your Message	Union, Level 5, International Room
01:00 pm – 04:30 pm	Concurrent sessions ♦ Evolution/Systematics: Species & Species Delim. ♦ SSAR Symposium: Bones, Frogs, & Evolution ♦ History (after 2:15 pm) ♦ Conservation: Invasive Species & Disease ♦ Evolution/Systematics: Biogeography	Union Level 5, Big 12 Room Level 6, Kansas Room Level 6, Kansas Room Level 4, Alderson Aud. Level 5, Jayhawk Room
03:00 pm – 03:30 pm	Refreshment break*	Union, Level 5, Ballroom
03:00 pm – 04:00 pm	SSAR Long-range Planning Committee	Union, Level 6, Malott Room
04:30 pm – 06:00 pm	SSAR Business Meeting	Union, Level 5, Ballroom
06:00 pm – 08:00 pm	Picnic (advance ticket purchase required)*†	Oread Hotel, Upper Deck
08:00 pm – 09:30 pm	AV Shows: "Amphibians of the Appalachians" & "Herpetologists Past and Present"	Union, Level 5, Ballroom

Monday**August 3**

07:00 am – 11:00 am	Dorm check out (required by 11:00 a.m.)	GSP Dormitory
09:00 am – 05:00 pm	Classical & Illustrated Herp Books Exhibit	Spencer Library
09:00 am – 05:00 pm	KU Natural History Museum exhibits	Dyche Hall, levels 3–6
09:00 am – 10:00 am	Allen Press Tour #1	
09:45 am – 10:45 am	Allen Press Tour #2	

Events Hosted Before and After Main SSAR Meeting by Partner Societies**Wednesday****July 29**

10:00 am – 12:00 pm	Fitch Natural History Reserve tour for Midwest PARC	Meet in front of Union
01:00 pm – 04:00 pm	Midwest PARC field trip to Balwin Woods	Balwin Woods
07:00 pm – 11:00 pm	Midwest PARC regional social event	Oread Hotel

Monday**August 3**

09:00 am	International Society for the History and Bibliography of Herpetology	Spencer Library, Johnson Room (350)
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* - Snacks and non-alcoholic drinks

† - Alcoholic drinks via tickets on-campus and via hosted or cash bar at the Oread Hotel

** - Poster presenters not responsible for moving posters mid-day between Jayhawk Room and the Ballroom.

SSAR 2015 Quick-View Schedule for Oral Presentations

Friday, Early Morning

July 31, 2015

Ballroom, Level 5

Plenary Session A

8:30-8:45	Welcoming remarks from local committee co-chair Rich Glor & Rafe Brown
8:45-8:55	Welcome from Biodiversity Institute Director Leonard Krishtalka
9:55-10:00	Welcome from Lawrence Mayor Jeremy Farmer
9:00-9:10	Orientation to student activities, opportunities, and events. Presented by KU graduate student leaders Karen Olson and Jesse Grismer
9:10 – 9:30	Introduction to co-sponsoring societies & organizations by committee co-chair Rafe Brown (please sit in the front row if you are to be introduced). <ol style="list-style-type: none"> 1. Special SSAR Guests: Relatives of Kansas Herpetologists: Rafe Brown introduces Philip Taylor and Alice Fitch 2. Kansas Herpetological Society (KHS): Dan Fogell to introduce KHS officers 3. Partners in Amphibian and Reptile Conservation (PARC): J. J. Apodaca to introduce PARC officers 4. Center for North American Herpetology (CNAH): Travis Taggart to introduce CNAH Board of Directors 5. Missouri Herpetological Society (MHS): Bob Aldridge to introduce MHS officers 6. Recognition of Glenn Manning, Representative of Arkansas Herpetological Society 7. International Society for the History and Bibliography of Herpetology (ISHBH): Richard Wahlgren to introduce ISHBH officers
9:30-10:00	PARC + ARC Plenary: Priya Nanjappa, Jen Williams; award presentation honoring PARC awardee Kurt Buhlmann
10:00-10:30	Refreshment Break

Plenary Session B

10:30-11:00	SSAR President Aaron Bauer: Introduction of SSAR Officers and SSAR Presidential Address with a special message for students
11:00-11:15	World Congress Announcement Dr. Xiang Ji, Secretary General–elect and Local Host, World Congress of Herpetology (WHC)
11:15-12:00	David Hillis Plenary Lecture Progress in reconstructing the phylogeny of amphibians and reptiles: where we've been and where we need to go

SSAR 2015 Quick-View Schedule for Oral Presentations

July 31

Friday, Early Afternoon

	Big 12, Level 5	Kansas, Level 6	Alderson, Level 4	Jayhawk, Level 5
	Evolution/Systematics: Phylogeny & Phylogeography (Chris Scheil, Moderator)	Seibert Competition: Evolution/Systematics (Rayna Bell, Moderator)	PARC Symposium: Identifying Priority Areas for Herpetofauna Conservation (Priya Nanjappa and Bill Sutton, Moderators)	Seibert Competition: Ecology (Robert Powell, Moderator)
13:00-13:15	Lemmon and Lemmon Phylogenomics for everyone: how to make the leap to high-throughput data collection for amphibians, squamates, and beyond	Sumarli et al. A new riparian skink (genus <i>Sphenomorphus</i> Strauch 1887) from Peninsular Malaysia supports the hypothesis that the Thai-Malay Peninsula is a biogeographical crossroad between Indochina and Sundaland	Mockford The Canadian Herpetological Society's Important Amphibian and Reptile Areas (IMPARA) program	White et al. Patterns of social behaviors in a high-density population of gopher tortoises in south-central Florida
13:15-13:30	Hendry et al. A next-generation perspective on the phylogeny of vipers (Serpentes: Viperidae)	Cobos et al. Phylogenetic relationships of geckos in the <i>Hemiphyllodactylus harterti</i> group, a new species from Penang Island, and a likely case of cryptic species within <i>H. titwangaensis</i>	Sutherland et al. Priority amphibian and reptile conservation areas (PARCAs): developing a national network of priority habitats for amphibians and reptiles in the United States	Magaña and Lovern Small and large lizards agree in defeat but react differently to victory
13:30-13:45	Streicher et al. How should genes and taxa be sampled for phylogenomic analyses with missing data? An empirical study in iguanian lizards	Scherz and Glaw Disentangling cryptic microhylid species (Anura: Microhylidae) from Madagascar using micro-computed tomography	Apodaca et al. Determining priority amphibian and reptile conservation areas (PARCAs) across the southeastern United States	Rohtla and Bauer The call of the gecko: an acoustic and morphological examination of gecko vocalizations
13:45-14:00	Heinicke et al. Evolutionary relationships of the extinct giant gecko <i>Hoplodactylus delcourti</i> based on high-throughput DNA sequence data	Travers et al. Phylogenomic species delimitation of Philippine monitor lizards of the <i>Varanus salvator</i> complex	Continuation of Apodaca et al.	Herr et al. Exposure to novel toxic prey on multiple temporal scales has persistent effects on behavior of eastern fence lizards
14:00-14:15	De La Riva and Padial Phylogenetic relationships of Holoadeninae	Nielsen et al. Cryptic species delimitation and phylogeography of two widely distributed squamate sister-species (<i>Agama atra</i> and <i>A. anchietae</i>) reveals incongruent evol. patterns	Loftin et al. Identifying proposed priority amphibian and reptile conservation areas (PARCAs) in the northeastern United States	Kawai et al. Stable isotope analysis of trophic dynamics and terrestrial food web compartmentalization in lizard communities in Madagascar
14:15-14:30	Smart and Smith Stumbling upon the evolutionary origin of elapids through an integrative taxonomy of Old World coral snakes	Phillips et al. Using next-generation sequencing techniques to evaluate the systematic status of a subterranean salamander (<i>Eurycea spelaea</i>)	Sutton et al. Determining vulnerability of priority amphibian and reptile conservation areas to climate change in the northeastern United States	Kouete and Blackburn The diet and reproductive biology of two Cameroonian caecilians
14:30-14:45	Grismer et al. Paleoendemism and genetic uniformity across 17 different clades in the sky-island archipelago of Peninsular Malaysia	Bouزيد et al. Model-based species delimitation and phylogeography of Neotropical salamanders (genus <i>Bolitoglossa</i>)	Continuation of Sutton et al.	Anderson et al. Phenology and density influence intraguild predation between larval salamanders
14:45-15:00	Daza et al. A 100 million-year-old lizard in Burmese amber fills the chamaeleontiform evolutionary gap	Hein et al. An integrative approach to species delimitation in the massasauga rattlesnake (<i>Sistrurus catenatus</i>)	Todd and Rose Identifying priority amphibian and reptile conservation areas in California: challenges and opportunities	Huron et al. Community assembly of a morphologically diverse skink genus (<i>Brachymeles</i>)

SSAR 2015 Quick-View Schedule for Oral Presentations

Friday, Late Afternoon

July 31

	Big 12, Level 5	Kansas, Level 6	Alderson, Level 4	Jayhawk, Level 5
	Evolution/Systematics: Phylogeny & Phylogeography (Perry Wood, Moderator)	Seibert Competition: Evolution/Systematics (Anthony Geneva, Moderator)	PARC Symposium: Identifying Priority Areas for Herpetofauna Conservation (Priya Nanjappa and Bill Sutton, Moderators)	Seibert Competition: Ecology (Richard Durtsche, Moderator)
15:30-15:45	Du Preez and Verneau Polystomatid diversity of Nearctic herpetofauna	O'Connell et al. Genome-wide SNP data suggests allopatric speciation is the predominant mode of diversification in North American whipsnakes	Lewis and Moore Identifying and conserving important amphibian areas	Hesed Dispersal and population ecology of the red-backed Salamander (<i>Plethodon cinereus</i>)
15:45-16:00	Jordan et al. Mitochondrial and nuclear DNA sequence analysis across the geographic range of Blanding's turtle (<i>Emys blandingii</i>)	Hutter et al. Molecular systematics of Malagasy bright-eyed tree frogs (Mantellidae: <i>Boophis</i>), with discussion of the evolutionary history of breeding strategies	Marchand et al. Identifying priority focus areas for Blanding's turtles in the northeast	Ousterhout et al. The contributions of phenotype- and condition-dependent factors to juvenile salamander movement: a high throughput assay
16:00-16:15	Páez-Vacas Population genetic structure of an Andean poison frog	Title and Rabosky Spatial macroevolutionary patterns in Australian squamates	Continuation of Marchand et al.	Hinderer et al. Dispersal and habitat selection by Chiricahua leopard frogs during summer monsoons
16:15-16:30	Davis et al. Historical biogeography and phylogeny of a new stream toad of the genus <i>Ansonia</i> Stoliczka 1870 (Anura: Bufonidae) from a montane region in Peninsular Malaysia.	Lambert and O'Connor Rates of molecular substitution and species diversification are correlated in squamate reptiles	Moderators: Priya Nanjappa and William Sutton Discussion with Panel of Speakers	Lattanzio and Miles The tree lizard and the tree: ecological implications of microhabitat selection by a polymorphic species
16:30-16:45	Barley et al. Sun skink landscape genomics: assessing the roles of microevolutionary processes in shaping genetic and phenotypic diversity across a heterogeneous and fragmented landscape	Schild et al. Patterns of selection and introgression following isolation and secondary contact in a widely-distributed rattlesnake species (<i>Crotalus atrox</i>)	Continuation of Panel Discussion	Hileman et al. Filling in the gaps: a range-wide synthesis of Eastern Massasauga life history and egress phenology
16:45-17:00	Open	Card et al. Mitochondrial and nuclear SNP evidence for population genetic structure, independent island dwarfism, and genes putatively underlying dwarfism traits in <i>Boa constrictor</i>	Continuation of Panel Discussion	McElroy Thermal ecology and population divergence: comparative phylogeography of widespread Puerto Rican <i>Anolis</i> lizards

SSAR 2015 Quick-View Schedule for Oral Presentations

Saturday, Early Morning

August 1

SSAR Plenary Lecture

Big 12 Room, Level 5

8:30-8:55	Harry Greene The life and times of a KU Herpetology icon: Henry Fitch and 70 years of snake ecology
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Concurrent Sessions

	Big 12, Level 5	Kansas, Level 6	Alderson, Level 4	Jayhawk, Level 5
	Evolution/Systematics: General & Methods (Cameron Siler, Moderator)	PARC Symposium: PARC's Partners Focusing on Habitat (Jen Williams, John Moriarty, and David Bender, Moderators)	Seibert: Competition Evolution/Systematics (Tiffany Doan, Moderator)	Seibert Competition: Conservation (Stephen Tilley, Moderator)
9:00-9:15	Moen et al. Convergence dominates phenotypic evolution for over 150 million years in frogs	Vandever et al. A collaborative, multi-disciplined approach to assess amphibian habitat in restored wetlands in an agricultural landscape	Grismer The great exchange: dispersal, vicariance, and biogeography of the Draconinae	Quinn et al. Site fidelity and survivorship of head-started Gopher Tortoises (<i>Gopherus polyphemus</i>) used to augment depleted populations in managed areas
9:15-9:30	Portik and Blackburn Molecular systematics and trait evolution of the Afrobatrachia, an extensive radiation of African frogs	Klinger Mining claim marker remediation project--ameliorating reptile and cavity-nesting bird habitat in Nevada	Welton et al. Unprecedented diversity in a southeast Asia agamid radiation	Stengle et al. Conserving snake species of greatest conservation need threatened by an emerging fungal skin disease
9:30-9:45	Rabosky et al. Color polymorphism and the evolution of coral snake mimicry	Moriarty Restoration of bullsnakes (<i>Pituophis catenifer sayi</i>) into a restored prairie: a 20-year success story	Chavis et al. Phylogeny of New Caledonian geckos and skinks on the Isle of Pines and surrounding islands using mitochondrial and rapidly-evolving nuclear loci	Kirschman et al. The effects of stress and <i>Ranavirus</i> on energetics and macronutrient use during amphibian metamorphosis
9:45-10:00	Wood Jr. et al. Convergent evolution of insular gigantism in the southeast Asian rock geckos (<i>Cnemaspis Strauch</i> 1887)	Holmes and Williams Amphibian and reptile conservancy - who we are and what we do	Arauco-Shapiro et al. Phylogenetic relationships and species boundaries of New Caledonian geckos <i>Bavayia cyclura</i> and <i>Bavayia sauvagii</i> using nuclear loci	Hoskins and Boone Tracking the legacy of larval atrazine exposure throughout the lifecycle of Blanchard's cricket frogs (<i>Acris blanchardi</i>)

SSAR 2015 Quick-View Schedule for Oral Presentations					August 1
Saturday, Late Morning		Big 12, Level 5	Kansas, Level 6	Alderson, Level 4	Jayhawk, Level 5
		Evolution/Systematics: General & Methods (Scott Travers, Moderator)	PARC Symposium: PARC's Partners Focusing on Habitat (Jen Williams, John Moriarty, and David Bender, Moderators)	Seibert: Competition Evolution/Systematics (Luke Welton, Moderator)	Seibert Competition: Conservation (Stephen Spear, Moderator)
10:30-10:45	Jackman et al. Into the light: diurnality has evolved multiple times in geckos	Makela Amphibian and reptile conservation on U.S. Bureau of Land Management-administered lands: opportunities, challenges and examples	Buehler The phylogenetic placement of <i>Ogmodon</i> (Elapidae) and a discussion of colonization patterns of Fijian squamates	Hall and Kingsbury Bayesian analysis of the influence of habitat characteristics on occupancy of an imperiled watersnake	
10:45-11:00	Hall et al. Who are the fathers? Characterizing hybrid origins of parthenogenetic <i>Aspidoscelis</i> lizards	Continuation of Makela	Lavin Breaking the glass: phylogeny, divergence, and cryptic diversity in glass lizards (Anguinae)	Stulik and Kingsbury Amphibian occupancy, habitat use, and reproductive success in a system of restored wetlands	
11:00-11:15	Geneva and Glor Speciation in <i>Anolis</i> lizards	Robb and Walker Management of crawfish frogs (<i>Lithobates areolatus</i>) based on experimental pond manipulation, occupancy modeling, and use of habitat at Big Oaks National Wildlife Refuge in southeastern Indiana	Hime et al. Phylogenomic perspectives on the amphibian tree of life	Lough-Stevens et al. Comparative phylogeography for three species of the Asian skink genus <i>Eutropis</i>	
11:15-11:30	Mahler Island biogeography of <i>Anolis</i> lizards in the Anthropocene	Hastings Providing habitat for the wild and rare	Childers et al. The molecular phylogenetics and phylogeography of southern African sand lizards in the genus <i>Pedioplanis</i> (Sauria: Lacertidae)	Wilson et al. Pacific treefrogs and African clawed frogs - prey responses to an invasive predator	
11:30-11:45	Spencer et al. VertNet: advances in biodiversity discovery and data quality improvement	Roblee and Piecuch Restoring and enhancing eastern hellbender (<i>Cryptobranchus a. alleganiensis</i>) habitat through the placement of flagstone cover rocks	Cobb et al. Rad-seq data reveal patterns of diversification in the widespread southeast asian puddle frogs (genus <i>Occidozyga</i>)	Dong et al. Origins of softshell turtles in Hawaii with considerations for conservation	
11:45-12:00	Koo et al. Averting a biodiversity crisis: AmphibiaWeb launches a new amphibian disease surveillance portal	Daniels Environmental Protection Agency opportunities for amphibian and reptile habitat restoration	Chan et al. Genome-wide SNPs elucidate cryptic species boundaries and hybridization within the Larut torrent-frog complex	Núñez et al. Molecular analyses of two non-indigenous lizard species in Florida: testing hypotheses of introduction pathways, species identity, and native range origins	

SSAR 2015 Quick-View Schedule for Oral Presentations					August 1
Saturday, Early Afternoon		Big 12, Level 5	Kansas, Level 6	Alderson, Level 4	Jayhawk, Level 5
		SSAR Symposium: Frontiers in Integrative Organismal Biology (Rafe Brown, Moderator)	PARC Symposium: PARC's Partners Focusing on Habitat (Jen Williams, John Moriarty, and David Bender, Moderators)	Conservation & Ecology (Brian Smith, Moderator)	Seibert Competition: Physiology/Morphology (Robert Aldridge, Moderator)
13:00-13:15	Brown and Glor	Opening remarks	Lipps	Mougey et al.	Wang and Glaw
			Partnering to protect Massasauga habitat in Ohio	Spatial ecology of captive released Caymanian blue iguanas in occupied habitats	Dentitional diversity and evolution in Pseudoxyrhophiine snakes (Serpentes: Lamprophiidae) using 3D-imaging
13:15-13:30	Leaché	Ranking species delimitation models (and herpetologists) using genomic data	Schultz and Lauritsen	Catenazzi and von May	Paluh and Bauer
			Loggerhead sea turtle critical habitat designation under the Endangered Species Act	Variation in thermal tolerances and vulnerability to climate change of terrestrial-breeding frogs along a tropical elevational gradient	Comparative morphology of the quadrate bone within Gekkota: phylogenetic, ecological, and functional implications
13:30-13:45	Evans et al.	Sex chromosome evolution in African clawed frogs (<i>Xenopus</i>)	Graeter	Davis et al.	Womack et al.
			A valuable new partnership brings improved habitat management of southern Appalachian bogs	Agricultural tile drainage: a potential threat to Great Plains amphibians	Lability of bufonid ear structures despite hearing consequences
13:45-14:00	McGuire et al.	Flying lizard phylogenomics: an exome capture approach to the study of <i>Draco</i> species-level phylogenetics, with phylogeographic analyses of the Sulawesi and Lesser Sundas assemblages	Briggler and Ackerson	Nickerson et al.	Gonzalez et al.
			Use of artificial shelters (nest boxes) to supplement breeding habitat for Hellbenders (<i>Cryptobranchus alleganiensis</i>)	Documenting deforestation effects on Hellbender habitat and populations: a case study	Adding CT scanning to DNA analyses: frog taxonomy in the 21st century
14:00-14:15	Castoe et al.	Ancient, recent, and ongoing patterns of genome evolution underlying adaptation and innovation in snakes	Jenkins	Ravesi et al.	Van Kleeck et al.
			Chainsaws, cattle, and fire: species focused habitat management for reptiles and amphibians	Long-term response of the massasauga (<i>Sistrurus catenatus</i>) to habitat alteration from timber harvest	Prey-associated head-size variation in an invasive lizard in the Hawaiian Islands
14:15-14:30	Bell	Sexual dichromatism in frogs: natural selection, sexual selection and unexpected diversity	Chellman et al.	Sacerdote-Velat et al.	Konvalina et al.
			Working toward recovery of the endangered mountain yellow-legged Frog complex in Sequoia and Kings Canyon National Parks	A non-invasive approach for examining variation in landuse on the stress and health of amphibian communities	Sperm morphometrics, spermatogenesis and testicular cycle in the rough greensnake (<i>Opheodrys aestivus</i>) from Arkansas
14:30-14:45	Thomson	Comparing the content and quality of phylogenetic information in genomic datasets arising from different data collection strategies: an example from Amniota	Brodman	Stuart and Phimmachak	Andrew et al.
			A five-year experimental assessment of oak savanna restoration: response of amphibian and reptile communities to aggressive canopy removal and fire management	Conservation of the Lao newt (<i>Laotriton laoensis</i>), an enigmatic species threatened by the international pet trade	Patterns of gene expression underlying extreme physiological remodeling in snakes
14:45-15:00	Wiens	Using phylogeny to understand the origins and future of biodiversity	Jackson et al.	Open	Jennings and Moritz
			Landscape connectivity as guide for mitigating the impacts of roads and highways on amphibians and reptiles		Thermal ecophysiology of skink species along an elevational gradient in New Guinea

SSAR 2015 Quick-View Schedule for Oral Presentations				August 1
Saturday, Late Afternoon				
Big 12, Level 5		Kansas, Level 6	Alderson, Level 4	Jayhawk, Level 5
SSAR Symposium: Frontiers in Integrative Organismal Biology (Rich Glor, Moderator)		PARC Symposium: PARC's Partners Focusing on Habitat (Jen Williams, John Moriarty, and David Bender, Moderators)	Conservation & Ecology (Mark Mills, Moderator)	Physiology/Morphology: Seibert Competition and General (Mathew Lattanzio, Moderator)
15:30-15:45	Lemmon and Lemmon Hierarchical anchored phylogenomics: simultaneous high-throughput data collection for phylogenetics, phylogeography, and population genomics with applications to chorus frogs (<i>Pseudacris</i>)	Jones et al. Wetland restoration to benefit Chiricahua leopard frog recovery	Barry and Fellers History and status of the California red-legged frog (<i>Rana draytonii</i>) in the Sierra Nevada, California, USA	Jochimsen Thermal ecology and performance of three sympatric lizards in southwestern Wyoming
15:45-16:00	Mueller Salamanders are big on transposable elements	Anderson-Cruz and Williams Increasing gopher tortoise habitat and bog turtle habitat through working lands for wildlife in natural resources conservation service	Colosimo et al. Growing in a crowded neighborhood: competition's role in the expression of inbreeding depression in <i>Cyclura carinata</i>	Penning et al. The ontogeny of constriction in the ball python (<i>Python regius</i>): performance, experience, and Growth
16:00-16:15	Fujita Insights into genome structure from reptiles	Lovich Select case studies of native species conservation efforts and corresponding habitat management in the San Diego region	Klawinski Experimental hurricane disturbance has complex and long-term effects on <i>Anolis</i> communities in a tropical forest.	Zachariah et al. Reproductive strategy of <i>Nasikabatrachus sahyadrensis</i> (Anura: Nasikabatrachidae), the only extant member of an archaic frog lineage
16:15-16:30	Rabosky Assembling a continental herpetofauna: the ecology of macroevolution in Australian squamates	Burrowes and De La Riva Historical and geographical status of Bd among Bolivian frogs	Greene and Ford Geographic variation in reproductive traits in Missouri and Texas populations of the cottomouth (<i>Agkistrodon piscivorus</i>)	Diaz and Trainor Evolution and development of the posterior cranial vault: lessons from the veiled chaemleon
16:30-16:45	Burbrink et al. Estimating species tree phylogenies from 100s of loci and predicting community structure of snakes on eastern Nearctic islands	Corey-Rivas Resistance, or rather tolerance, is not futile: MHC immune gene variation in Bd infected boreal toads	Greenwald et al. Effect of local adaptation on reproductive mode, egg development, and larval survival in unisexual <i>Ambystoma</i> salamanders	Trauth et al. The ampulla urogenital papilla of male squamates: form, function, and phylogeny
16:45-17:00	Perkins Malaria parasites of reptiles: systematics and biogeography	Open	Vogt et al. Cittercams attached to adult female Giant South American River Turtles (<i>Podocnemis expansa</i>) reveal their underwater social life and document underwater vocalizations	Head and Polly Anatomical tests of the roles of regulatory genetics in the evolution of snake-like body forms in squamates
17:00-17:15	Burns et al. How does algae enter embryonic tissues and cells of the spotted salamander (<i>Ambystoma maculatum</i>): a dual RNA-Seq approach?	NA	NA	Lyons and Kozak Variation in metabolic rate thermal sensitivity and acclimation within the Rich Mountain salamander, <i>Plethodon ouachitae</i>
17:15-17:30	Wake Closing remarks	NA	NA	NA

SSAR 2015 Quick-View Schedule for Oral Presentations

Sunday, Early Morning

August 2

PARC Plenary Lecture

Alderson Auditorium, Level 4

8:30- Tyrone Hayes

8:55 From silent spring to silent night: a tale of toads and men

Concurrent Sessions

Big 12, Level 5	Kansas, Level 6	Alderson, Level 4	Jayhawk, Level 5
Seibert Competition: Evolution/Systematics (Scott Moody, Moderator)	SSAR Symposium: Bones, Frogs, and Evolution (David Cannatella, Moderator)	PARC Symposium: Communicating Herpetofaunal Conservation to the Public (Linda Weir, Moderator)	Ecology (Ken Dodd, Moderator)
9:00-9:15 Murdoch et al. Phylogeographic substructuring of the <i>Cyrtodactylus intermedius</i> group across the Cardomom Mountains of Indochina as well as the independent evolution and conservation of cave ecomorphs	Open	Stanford and King Not everything that counts can be counted: lessons learned in the recovery of the Lake Erie watersnake	Brattstrom Vocalizations and social behavior of desert tortoise
9:15-9:30 Karin et al. Comparative phylogeography of sun-skinks, <i>Eutropis</i> Fitzinger 1843 (Squamata; Scincidae), on the megadiverse island of Borneo	Cannatella Bones, frogs, and evolution: 50 years of frog skulls	Continuation of Stanford and King	Paulissen and Moran The effect of body size on dominance relationships in juvenile five-lined skinks (<i>Plestiodon fasciatus</i>)
9:30-9:45 Kirchhof et al. Does climate change drive extinction risk in southern African desert lizards?	Krishtalka TBA	Steen Leveraging social media for online outreach: my greatest hits	Kolbe et al. Bright lights, big city: short-term behavioral and performance effects of artificial night lighting on <i>Anolis</i> lizards
9:45-10:00 Burkhart et al. Small scale landscape genetic analysis of three co-occurring ambystomatid salamander species	McLeod On becoming a morphologist: Fangs, claws, serial commas, and the "chicken or egg" conundrum	Linda Weir, Moderator Panel discussion	Durtsche et al. The comparative feeding biology of two populations of wall lizards (<i>Podarcis muralis</i>) introduced into North America

SSAR 2015 Quick-View Schedule for Oral Presentations				
Sunday, Late Morning		August 2		
Big 12, Level 5		Kansas, Level 6	Alderson, Level 4	Jayhawk, Level 5
Seibert Competition: Evolution/Systematics (Pietro de Mello, Moderator)		SSAR Symposium: Bones, Frogs, and Evolution (David Blackburn, Moderator)	PARC Symposium: Communicating Herpetofaunal Conservation to the Public (Linda Weir, Moderator)	Ecology (Jennifer Deitloff, Moderator)
10:30- 10:45	Allen et al. A phylogeographic analysis of <i>Trachylepis</i> skinks in the Cameroon Volcanic Line	Baez Bones, frogs, and illustrations: honoring the work of Linda Trueb	O'Connell Distilling your message: putting yourself into your science	Tetzlaff et al. Influence of supplemental feeding on spatial ecology and habitat use of male massasaugas (<i>Sistrurus catenatus</i>)
10:45- 11:00	Gray Silky anole phylogeography	Blackburn et al. Neurocranial anatomy in recent and extinct pipid frogs	Continuation of O'Connell	Cree et al. Basking, pregnancy and 'nocturnality' in a viviparous New Zealand gecko: time for a re-assessment of activity patterns?
11:00- 11:15	Holmes et al. Historical biogeography of <i>Xantusia vigilis</i> in California's Panoche Hills	Sheil Ossification sequences and inferring sequence heterochrony	Continuation of O'Connell	Treglia et al. Multi-scale influences of environmental variability on life history strategies of the Oklahoma salamander, <i>Eurycea tynerensis</i>
11:15- 11:30	Warwick Natural replication for testing the influence of landscape processes on genetic structure in the Pine Barrens treefrog	Maglia An original early adopter: Linda Trueb's contributions to advancing practices in biodiversity science	Continuation of O'Connell	Mills et al. Monitoring an urban turtle metapopulation: why did the turtle cross the road?
11:30- 11:45	Corbin et al. Love under cover of darkness: population structure and gene flow in Texas cave and spring salamanders	Guayasamin and Hutter Evolutionary history of glassfrogs	Continuation of O'Connell	Wright et al. Pulses of seaweed subsidies reveal the role of brown anoles (<i>Anolis sagrei</i>) in island food webs
11:45- 12:00	Open	Open	Continuation of O'Connell	Open

SSAR 2015 Quick-View Schedule for Oral Presentations					August 2
Sunday, Early Afternoon		Big 12, Level 5	Kansas, Level 6	Alderson, Level 4	Jayhawk, Level 5
		Evolution/Systematics: Species and Species Delimitation (L. Lee Grismer, Moderator)	SSAR Symposium: Bones, Frogs, and Evolution (Anne Maglia, Moderator)	Conservation: Invasive Species & Disease (Gordon Rodda, Moderator)	Evolution/Systematics: Genomics/Biogeography (Matt Heinicke, Moderator)
13:00-13:15	Smith et al. Cryptic diversity in Ethiopian amphibians revealed through molecular data	Greenbaum et al. Bone of contention: osteology, DNA sequence data and the phylogenetic position of the monotypic genus <i>Chrysobatrachus</i> (Anura: Hyperoliidae)	Klug et al. Effects of forest edge on the distribution and abundance of brown treesnakes (<i>Boiga irregularis</i>) on Guam: implications for control of an invasive snake	Pasquesi et al. Sample sequencing of squamate genomes reveals extensive evolutionary dynamics of genomics repeat element landscapes	
13:15-13:30	Kucinick Investigating behavioral divergence and hybridization in Florida treefrogs	Wild Scientific illustration: the legacy	Falk Are Burmese pythons in Florida getting skinnier?	Adams et al. How does natural selection influence species trees and species delimitation using genome-scale datasets a case study in rattlesnakes	
13:30-13:45	Stanley and Blackburn Can we predict the effect of species discovery on macroevolutionary inferences?	Wake Why study frog bones?	Andreadis et al. Burrow use by Burmese pythons in southwest Florida	Nunziata et al. Genomic data detect corresponding signatures of very recent population expansion in marbled salamanders	
13:45-14:00	Rivas and Corey-Rivas How many green anacondas are there?: Evidence of multiple lineages of green anaconda	Pregill Cross words with Linda	Hayes and Reed Modeling and mapping the potential distributions of invasive tegu lizards in North America	Anamza et al. Biodiversity patterns of Philippine amphibians: an explicitly geographic phylogeny-informed distributional analysis reveals hidden centers of endemism	
14:00-14:15	Doan et al. Cryptic reptile species? A case study of <i>Bothriechis</i> (Squamata: Viperidae)	Duellman Closing remarks	De Jesús Villanueva et al. Genetic population structure and origin of the invasive green iguana (<i>Iguana iguana</i>) in Puerto Rico	Alexander et al. Ultra-conserved elements resolve a rapidly-diverging adaptive radiation of frogs in an island archipelago	
14:15-14:30	Salazar-Valenzuela et al. Phylogenomics and species delimitation of the 'ultimate pitvipers' (<i>Bothrops asper</i> species complex...): an almost-model organism	History (Aaron Bauer, Moderator) Leviton and Aldrich Herpetology in the Raj, 1840-1890 vs similar exploratory events in the United States	Guzmán et al. Competitive and predatory interactions between invasive mosquitofish (<i>Gambusia holbrooki</i>) and larval native pygmy newts (<i>Triturus pygmaeus</i>)	Freitas et al. The molecular phylogenetics and biogeography of the widespread skink genus <i>Lygosoma</i> Hardwicke & Gray 1827	
14:30-14:45	Colston Coalescent species delimitation in tree boas (genus <i>Corallus</i>)	Niekisch Rösel von Rosenhof, a pioneering artist and herpetologist	Thawley et al. An invasive predator, the red imported fire ant, alters latitudinal gradients of multiple traits in a native lizard	Cerfaco et al. Diversity and distribution of Angolan amphibians and reptiles: the past, present and future of herpetology in Angola	
14:45-15:00	Dever and Rowley Uncovering species within the 'bird-poop' frog complex (<i>Theloderma asperum</i>)	Watkins-Colwell The herpetology collection at the Yale Peabody Museum of Natural History	Shine Accelerating toads: the rapid evolution of an invasion machine	Heritier et al. Platyhelminth parasites ... as proxies for hist. biogeography and palaeoecology of amphibians and freshwater chelonians	

SSAR 2015 Quick-View Schedule for Oral Presentations				August 2
Sunday, Late Afternoon				
Big 12, Level 5		Kansas, Level 6	Alderson, Level 4	Jayhawk, Level 5
Evolution/Systematics: Species and Species Delimitation (Jennifer Dever, Moderator)		History in Association With the International Society for the History and Bibliography of Herpetology (Aaron Bauer, Moderator)	Conservation – Invasive Species & Disease (Alison Cree, Moderator)	Evolution/Systematics: Genomics/Biogeography (Matthew Heinicke, Moderator)
15:30-15:45	Aguilar et al. All roads lead to Rome: different integrative taxonomic approaches suggest the same species boundaries in the northernmost Linnean taxa of the <i>Liolaemus montanus</i> group	Tingle Snake charming in Morocco	Langkilde et al. What doesn't kill you! Stress caused by invasive fire ants may actually benefit lizards	Diesmos et al. Assessing the systematics, ecology and conservation of endemic amphibians and reptiles in limestone karst ecosystems of the Philippines
15:45-16:00	Tucker et al. Species boundaries in the widespread <i>Ameiva ameiva</i> complex	Markwell and Cushing The contribution of Eric Worrell, MBE, to Australian herpetology	Diesmos et al. Detecting the distribution and historical occurrence of chytrid infection in the Philippines	Kratovil and Weisrock Evolutionary patterns of nuclear and mitochondrial introgression between species of dusky salamanders (<i>Desmognathus</i>) using targeted parallel tag amplicon sequencing
16:00-16:15	Grismer et al. A new karst-adapted species of the <i>Cyrtodactylus pulchellus</i> complex (Squamata: Gekkonidae) from Peninsular Malaysia and the future of endemic reptiles in karst ecosystems	Bauer The Indian snake collection of Patrick Russell (1727-1805)	Catenazzi and Vredenburg Tracing the history of chytrid fungus infection and loss of amphibian biodiversity in the Andes	NA
16:15-16:30	Deitloff et al. Can quantitative analyses of morphology help us define species differences among closely-related lineages of <i>Norops humilis</i> and <i>N. quaggulus</i> ?	Simmons Eye of newt, toe of frog, and Aldrovandi's dragon; a brief history of herpetological collection and preservation techniques	Warne et al. Pace of life in amphibians affects disease susceptibility, infectiousness, and <i>Ranavirus epizootics</i>	NA

SSAR 2015 Quick-View Schedule for Poster Presentations

Friday, Poster Session #1

July 31

Union, Level 5, Ballroom

Posters up 9am – 12pm (Jayhawk) & 1 pm – 6:30pm (Ballroom), reception with authors 5pm –6:30pm

#	Hutch- ison	Authors	Title
20		Colston et al.	Evolution of gut microbial communities in the advanced squamate clade Toxicofera
26	×	Barnes and Haynes	Effects of anthropogenic noise pollution on soundscape and stress hormone levels of <i>Incilius valliceps</i>
29		Titus et al.	An assessment of turtle species in the Bronx River: what the future holds for native and introduced species
35		Martin and Lattanzio	Color variation in common garter snakes (<i>Thamnophis sirtalis</i>) among four ecoregions of Virginia
47	×	Farallo and Miles	Microhabitat use of two microendemic <i>Plethodon</i> species compared to the widespread <i>Plethodon cinereus</i>
50		Steffen et al.	A new species of paedomorphic <i>Eurycea</i> from the Ouachita Mountains of Arkansas, USA
52	×	Cannon and La Duke	Niche partitioning by shelter site selection in lowland tropical treefrogs of northeastern Costa Rica
58	×	Griffing and Bauer	Postnatal ontogeny of parafrontal bones in the Sphaerodactylidae
63	×	Matheny et al.	Population genetics of an introduced species: Mediterranean geckos (<i>Hemidactylus turcicus</i>) on the University of Central Oklahoma campus
89	×	Bernstein et al.	Phylogenetic analysis, species identification and delimitation of New Caledonian geckos and skinks using DNA barcoding
94		McBride and Corey-Rivas	Metapopulation structure of two sympatric garter snake species (<i>Thamnophis elegans</i> and <i>Thamnophis cyrtopsis</i>) in the Mora River watershed
98		Cacciali et al.	On the geographic distribution of the South American genus <i>Teius</i> (Squamata: Teiidae)
100	×	Quach et al.	Secondary contact and admixture or primary intergradation in <i>Anolis cristatellus</i> on the island of Vieques
101	×	Itgen and Townsend	Molecular and morphological systematics of the <i>Bolitoglossa porrasorum</i> complex reveals cryptic diversity
108	×	Alfonso et al.	Population divergence and taxonomic implications in <i>Anolis porcus</i> (Squamata: Dactyloidae) from the eastern Cuban paleo-archipelago
110		Aguilar et al.	Integrative taxonomy of the <i>Liolaemus signifer</i> complex (Reptilia :Liolaemidae) in the Peruvian high Andean Plateau
119	×	Jacobs and Archie	Comparison of genetic diversity and differentiation of the lizard <i>Sceloporus occidentalis</i> at high and low Elevations over time on a Mojave Desert sky island
122		Koenig et al.	Repeatability of boldness and activity level between larval and juvenile Spotted Salamanders
135		Savage et al.	Morphological differentiation in <i>Norops humilis</i> lineages of Costa Rica
142	×	Meyer et al.	Research in progress: habitat selection by state endangered Blanding's turtle (<i>Emydoidea blandingii</i>) in Squaw Creek National Wildlife Refuge, Missouri
148	×	Messina and Ressel	Breeding by the sea: coastal bluff vernal pools as breeding habitat for Spotted Salamanders (<i>Ambystoma maculatum</i>)
176	×	Blais et al.	Phylogeography of the smooth green snake, <i>Ophedrys vernalis</i> , across its range
213		Broadhead et al.	Species boundaries in Philippine <i>Rhacophorus appendiculatus</i>
218	×	Phillips and Garrison	Space use and social networks of the Little Scrub Island ground lizard
141		Rodríguez-Cabrera et al.	A new snake of the genus <i>Caraiba</i> (Squamata: Dipsadidae) from the Guamuhaya Mountain Range, in central Cuba
243	×	McCoy et al.	Post-breeding habitat selection of the mountain chorus frog (<i>Pseudacris brachyphona</i>)
246	×	Atkinson et al.	Mesomycetozoa parasite reduces survival of translocated <i>Rana sevos</i> (dusky gopher frog) tadpoles
257	×	Disabatino and Warwick	Testing phylogenetic signal and correlated evolution of body size and elevation within the genus <i>Hyla</i>
276		Manka and Mullin	Reducing snake mortality during migration: the utility of the hose-bridge
283	×	Penning et al.	The ontogeny of strike kinematics in the Texas ratsnake (<i>Pantherophis obsoletus</i>)
284	×	Fiero et al.	Pleiotropic skull shifts in earless species of Bufonidae (true toads)
286	×	French	Morphological assessment of hybridization between two ranid species, <i>Lithobates juliani</i> and <i>L. vaillanti</i>
290	×	Vanek and Burke	Island dwarfism of the eastern hog-nosed snake (<i>Heterodon platirhinos</i>) on a barrier island
301		Su et al.	Radiation 'Out-of-Palawan'? A phylogenomic test in the endemic Philippine frog genus <i>Sanguirana</i>

Saturday, Poster Session #2
August 1

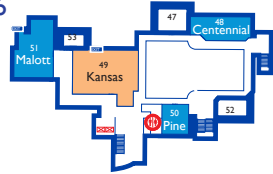
Union, Level 5, Ballroom

Posters up 9am – 6:30pm, reception with authors 5pm – 6:30pm

#	Hutch- ison	Authors	Title
2		Howey et al.	Thermal preference, performance, and kinematics of the black racer
13	×	Flanagan et al.	Preliminary screening of natural history collections for historical presence of amphibian infection disease in Oklahoma
21		Bontemps et al.	Diet analysis of the exotic spectacled caiman (<i>Caiman crocodilus</i>) in Puerto Rico
78		Watters et al.	Development of new collaborative and citizen science projects for amphibian infectious disease sampling in Oklahoma
86		Villena et al.	Frogs and toads of southeastern United States: regional and state trends in Anuran occupancy from 13 years of the North American amphibian monitoring program
93		Kimmel et al.	Phylogeography of Sonoran mud turtles (<i>Kinosternon sonoriense</i>) in the Madrean Sky Islands
106		Streicher et al.	Reptile and amphibian collections at the Natural History Museum, London: A brief history with comments on modern accessibility and relevance
111		Messerman et al.	Structured decision making for the recovery of the imperiled Flatwoods Salamanders
114		Glynne et al.	Gekkota skulls: taking the rough with the smooth
115		Taylor et al.	Sexual dimorphism in head and body structures in <i>Basiliscus</i> and <i>Corytophanes</i> species
117		Vaughn et al.	The atlas-axis complex in geckos (Gekkota: Squamata: Reptilia)
118		Hernandez et al.	Cranial osteology of <i>PtychoGLOSSUS vallensis</i> Harris 1994
125	×	Cook and Leal	Is bigger always better? Evaluating individual differences in territorial behavior in female <i>Anolis gundlachi</i> lizards
128		Stynoski et al.	A few more raindrops: maternal site choice in obligate egg-feeding frogs
129		Burke et al.	Using parasite counts as indirect measures for diamondback terrapins surveys
138	×	Mctaggart and Richter	Amphibian community composition in ridge-top wetlands of the Daniel Boone National Forest
166		Couch et al.	Are aquatic light traps effective for surveying for amphibian larvae?
172	×	Burkart et al.	Resistant marsupial frog harbors more anti- <i>Batrachochytrium dendrobatidis</i> bacteria than a susceptible con-generic
178		Sievert and Messner	Energy allocation after caudal autotomy in the Great Plains skink, <i>Plestiodon obsoletus</i>
181		Cain et al.	Assessing the potential for ultraviolet as a signal in <i>Sceloporus</i> lizards
186		Hecht et al.	#YOSAL2014: PARC and partners celebrate salamander conservation
198		Crocker-Buta and Leary	Extrinsic and intrinsic factors influencing mating behavior in male green treefrogs, <i>Hyla cinerea</i>
209		Cross et al.	Pattern recognition software as a supplemental method of identifying eastern box turtles
216		Du Preez	Frog app - Digital approach to frogging in southern Africa
219	×	Delgado et al.	Is climate warming responsible for the elevation range shift of the tropical tree frog, <i>Eleutherodactylus portoricensis</i> ?
221		Aguilar et al.	Multilocus phylogeny of the <i>Liolaemus alticolor-bibronii</i> group (Reptilia: Liolaemidae)
232	×	Klabacka et al.	Phylogeny and biogeography of New World leaf-toed geckos, <i>Phyllodactylus</i> (Phyllodactylidae: Gekkota)
248	×	Stedman et al.	Phylogeography of the mudpuppy (<i>Necturus maculosus maculosus</i>)
253	×	Hutter et al.	The exceptional undescribed frog diversity of Madagascar
255		Packer et al.	SSAR Abstract - phylogeography of desert iguanas (<i>Dipsosaurus dorsalis</i>)
261	×	Roth-Monzon et al.	Integrative taxonomy of the green rat snake <i>Senticolis triapis</i> (Squamata: Colubridae)
263		Stephen et al.	Never judge an iguana by its spines: resurrection of the genus <i>Cachryx</i>
273		Smith	HerpMapper.org
281		Wang et al.	A new anuran from the lower Cretaceous of northern Inner Mongolia, China
299		Salinas and Rivas	Sexual comparison of bullfrog diet in the Mora River
300		Vialpando and Rivas	The efficacy of using artificial cover objects at capturing amphibians and reptiles in riparian areas of northern New Mexico

SSAR 2015 at the Kansas Union

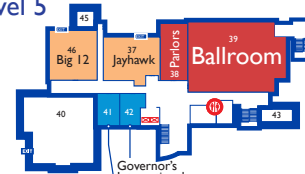
Level 6



- 47 - English Room
- 48 - Centennial Room
- 49 - Kansas Room
- 50 - Pine Room
- 51 - Malott Room
- 52 - Divine Nine Room
- 53 - Curry Room

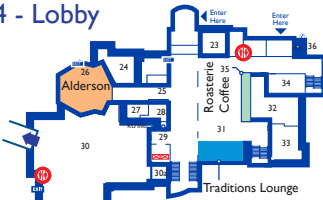


Level 5



- 37 - Jayhawk Room
- 38 - Parlor
- 39 - Ballroom
- 40 - Woodruff Auditorium
- 41 - International Room
- 42 - Governor's Room
- 43 - Marketing Office
- 44 - KU History Displays
- 45 - Regionalist Room
- 46 - Big 12 Room

Level 4 - Lobby



- 23 - Hawk Shop
- 24 - Media Crossroads
- 25 - Union Welcome Center / Box Office
- 26 - Alderson Auditorium
- 27 - KU Card Center
- 28 - Commerce Bank
- 29 - KU Info
- 30 - Student Involvement & Leadership
- 30a - Wheat Room
- 31 - Main Lobby / Traditions Lounge
- 32 - Union Programs/Student Union Activities
- 33 - Administration/Reservations/Catering
- 34 - Kansas Union Gallery
- 35 - Roasterie Coffee
- 36 - ATM (outside)

SSAR 2015 Event Spaces

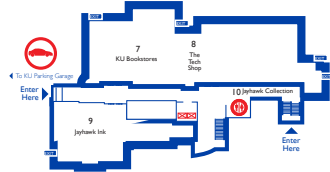
- Meetings & Special Events
- Oral Presentations
- Public Dining
- Opening Plenary, Exhibitors, Refreshment Breaks, Poster Sessions, Auction Item Viewing

Level 3



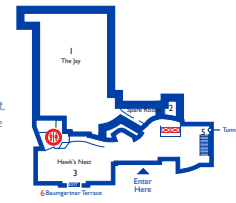
- 12 - Union I.T.
- 13 - The Market (Dining)
- 14 - Human Resources / Business Offices
- 15 - KU Media Mix
- 17 - Alcove G
- 18 - Impromptu Cafe
- 19 - KJHK 90.7 FM Studios
- 20 - Dining Seating Area
- 21 - Student Money Mgmt.
- 22 - Alcoves A-F

Level 2



- 7 - KU Bookstore
- 8 - The Tech Shop
- 9 - Jayhawk Ink
- 10 - Jayhawk Collection

Level 1



- 1 - The Jay
- 2 - The Spare Room
- 3 - Hawk's Nest
- 5 - Tunnel below Miss. St.
- 6 - Baumgartner Terrace

Location	Level	Location	Level	Location	Level	Location	Level
Administration	4	Event Services/Reservations	4	KU Bookstore	2	Regionalist Room	5
Alcoves	3	Gallery	4	KU Card Center	4	Roasterie Coffee	4
Alderson Auditorium	4	Gender Neutral Restroom	4	KU Dining Services Offices	3	The Spare Room	1
ATM	4	Governors Room	5	KU Info	4	Student Involvement & Leadership Ctr.	4
Ballroom	5	Hawk Shop Convenience Store	4	KU Media Mix	5	Student Money Mgmt. Services	3
Baumgartner Terrace	1	Hawk's Nest	1	KU Women's Hall of Fame	3	Student Union Activities	4
Big 12 Room	5	Human Resources	3	Main Lobby	4	Tech Shop	2
Catering Office	4	Impromptu Cafe	3	Malott Room	6	Traditions Lobby	4
Centennial Room	6	International Room	5	Market (Dining)	3	Tunnel Under Miss. St.	1
Class Banner Display	5 & 6	The Jay	1	Marketing	5	Union Accounting/Business Office	3
Commerce Bank	4	Jayhawk Collection	2	Media Crossroads	4	Union Box Office	4
Curry Room	6	Jayhawk Ink	2	Panda Express	3	Union IT Department	3
Dining Seating	3	Jayhawk Room	5	Parking Garage Access	2	Union Programs	4
Divine Nine Room	6	Kansas Room	6	Parlors	5	Union Welcome Center	4
English Room	6	KJHK 90.7 FM Studios	3	Pine Room	6	Wheat Room	4
						Woodruff Auditorium	5



Elevators



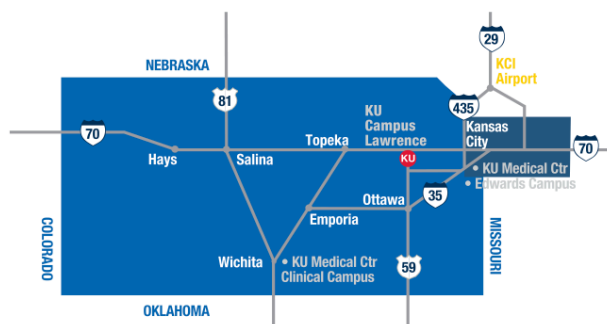
Restrooms



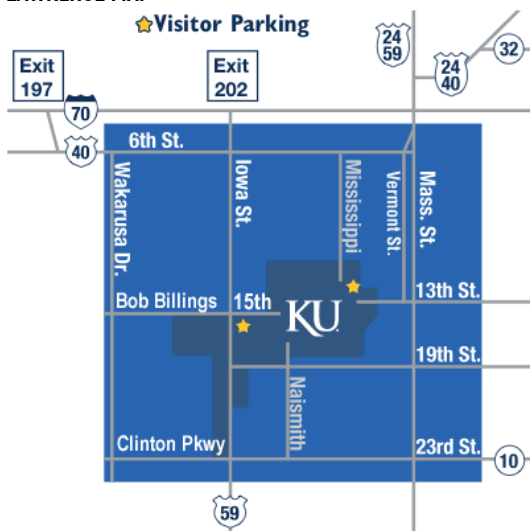
KU Parking

Parking Garage Walkway is on Level 2

REGIONAL MAP



LAWRENCE MAP



KU CAMPUS MAP (SSAR 2015 VENUES IN ORANGE)



Dining Recommendations

Name	Address	Phone #	Description
Meeting Venues			
The Market	Level 3, Kansas Union	785-864-7274	pizza, deli sandwiches, grill, salads
Roasterie Coffee	Level 4, Kansas Union	785-864-7275	full service coffee and espresso drinks, smoothies, and pastries
The Hawk shop	Level 4, Kansas Union	785-864-7274	convenience store with coffee, cool beverages, and snacks
Impromptu Café	Level 3, Kansas Union	785-864-7275	sandwiches, pasta, salad, vegetarian & vegan options
Bird Dog Bar	1200 Oread Ave	785- 312-9211	entrees, sandwiches, pizza, full bar
Downtown Lawrence			
Wheatfields	904 Vermont St	913- 841-5553	delicious housemade bread, pastries & sandwiches
Free State Brewing	636 Massachusetts St	785-843-4555	brewpub with good beer and excellent food
Ramen Bowls	920 Massachusetts St	785-842-6957	gourmet ramen; get your slurp on, man!
The Burger Stand at The Casbah	803 Massachusetts St	785-856-0543	Lawrence loves its burgers and beers, and this place is classic
Merchants	746 Massachusetts St	785-843-4111	trendy restaurant in old bank offering lunch, dinner and 30+ beers on tap
Limestone	814 Massachusetts St	785-856-2825	hottest new place with awesome pizzas and classy beer and wine offerings
The Bourgeois Pig	6 E 9th St	785-856-0459	hipster vibe with great drinks (coffee and cocktails)
Henry's	11 E 8th St	785-843-1001	coffee downstairs and cocktails upstairs
Harbour Lights	1031 Massachusetts St	785-842-0800	cash only dive with good vibes, cheap beers and pool tables
Rudy's	704 Massachusetts St	785-842-8862	one of Lawrence's most popular pizza options
Replay Lounge	946 Massachusetts St	785-749-7676	famous for live music, outdoor patio, and cheap beer
8th St. Taproom			longtime favorite of locals and newcomers alike, free pool before 10pm
Elsewhere in Lawrence (but not too far)			
The Basil Leaf Cafe	616 W. 9th Street	785- 843-1200	cute little place with pasta, pizza, beer and wine
Burrito King	900 Illinois St	785-331-3511	cheap and greasy Mexican fare
Yokohama	1730 W 23rd St	785-841-3663	Japanese food
Biemer's BBQ	2120 W 9th St	785-749-0055	best BBQ in Lawrence
Indian Palace	129 E 10th St	785-841-1960	Indian food