

Southeast Regional SICB 2021 Meeting Schedule, Saturday November 6, 9:00am - 4:30pm EST, Zoo Atlanta, Atlanta, GA			
Version 1, Updated 10/24/21			
Talks are 5 minutes long + 2 minutes for questions			
Start Time	Talk #	Speaker	Title
9:00	0	Conference Organizers	Welcome to Conference
Morning Talks Session 1			Under the Sea: Biomechanics & Behavior Underwater
9:07	1	Nicole Hellessey	Antarctic krill (<i>Euphausia superba</i>) kinematics in relation to chemical and physical stimuli
9:14	2	Melissa Ruszczyk	Metachronal Stroke Kinematics of <i>Euphausia pacifica</i>
9:21	3	Jacob Saunders Harrison	Starting to snap: the development and kinematics of spring-driven strikes in juvenile snapping shrimp
9:28	4	Chase Kinsey	Predator-mediated selection on metamorphic <i>Xenopus</i> tadpoles
9:35	5	Kuvvat Garayev	SCHOOLING RESPONSE OF ANTARCTIC KRILL (<i>EUPHAUSIA SUPERBA</i>) UNDER VARIOUS LIGHT AND FLOW CONDITIONS IN AN ANNULAR FLUME
9:42-9:52	COFFEE BREAK		
Morning Talks Session 2			Morning Talks Session 2: Urban Wildlife Research
9:52	6	Calvin So	Macroevolutionary patterns in early tetrapod skull shape and the putative role of miniaturization in amphibian evolution
10:00	7	M. Ellesse Lauer	Temporal variation in DNA methylation of TLR promoters across an introduction of house sparrows in Illinois using targeted EM-seq
10:07	8	Emma Simpson	Genetic Characteristics of the Bluetail Mole Skink and Florida Sand Skink in Florida Scrub
10:14	9	David Tevs	Lizards on a lane: use of natural surface roadways by Florida Scrub herpetofauna
10:21	10	David Munteanu	Influence of Phylogeny and Locomotor Mode on Caniform Astragali
10:28	11	Jonathan Rader	Morphological modularity and evolution of avian wing shape
10:35-11:05	BREAKOUTS	3 Rooms	Morning Breakout Session
	Room 1:	Carly York, David Hu	Science Communication
	Room 2:	Joe Mendelson, Andrew Schulz	Doing Research with a Zoo
	Room 3:	Graduate Students	K-12 Outreach?
11:05-11:15	COFFEE BREAK		
Morning Talks Session 3:			Research with Zoos and Conservation
11:15	12	Tobias Landberg	Building Career Bridges for Biologists through Conservation Research
11:22	13	Megan Wright	Independent loss of cloacal bursae and age-dependent surfacing postures in diamond-backed terrapins (<i>Chelonia: Emydidae: Malaclemys terrapin</i>)
11:29	14	Greg Walth	(tentative) 3-dimensional reconstruction of animal limbs using stored DICOM radiography images
11:36	15	Victor M. Ortega-Jimenez	Flamingos' Feeding hydrodynamics
11:43	16	Connor Pogue	Escape Performance and Desiccation Rates in <i>Copea</i> 's Grey Tree Frog
11:50	17	Andrew Schulz	Metamorphs: Is Bigger Always Better?
12:00 - 14:00	LUNCH	Zoo ATL	Zoo Atlanta Self Guided Tours
Afternoon Session 1:			Afternoon Session 1: The Smaller the Better: Insects, C. Elegans, and Cells
2:00	19	Varun Sharma	Memory Formation in Hover-Feeding Hawkmoths
2:07	20	Thomas Day	Cell packing, maximum entropy, and the origin of heritability
2:14	21	Joshua Pulliam	Hold on tight: How friction influences climbing in cicada nymphs and adults
2:21	22	Lucinda Peng	Viscoelastic gel environments induce aperiodic undulation in the nematode <i>C. elegans</i>
2:28	23	Eva Erickson	Centipede locomotion in complex environments
2:35-2:45	COFFEE BREAK		
Afternoon Session 2:			The Smaller the Better: Insects, C. Elegans, and Cells (Continued)
2:45	24	Kelimar Diaz	Water surface swimming dynamics in a centipede
2:52	25	Christopher Pierce	Neuromechanical Phase Lags in the Nematode <i>C. elegans</i>
2:59	26	Andrew Dickerson	Landing mosquitoes bounce
3:06	27	Hungtang Ko	Hungtang
3:15-3:30	Break to Prepare for Poster Session		
3:30-4:30pm	Poster Session		
5:00pm	Post Conference Social		