EVENTS/FUNCTIONS
Thursday, January 3 – Day 1
Monday, January 7 – Day 5
Friday, January 4 – Day 2
Saturday, January 5 – Day 3

51. Integrative Plant Biology Room 18
Organizers: Matt Ogburn, Erin Edwards
3:00 PM – 5:00 PM
52. The Scale of Sickness: How Immune Variation Across Space and Species Affects Infectious Disease Dynamics Room 18
Organizers: Daniel Bortuk, Cynthia Duyne, Lynn Martin
54. Adaptation and Evolution of Biological Materials Room 18
Organizers: Rob Campbell, Marisa Dunn
55. Multifunctional Structures and Multistructural Functions: Functional Coupling and Integration in the Evolution of Biomechanical Systems Room 21
Organizers: Stacey Farns, Emily Kom, Patricio Hernandez
56. Beyond the Powerhouse: Integrating Mitochondrial Evolution, Physiology, and Theory in Comparative Biology Room 18
Organizers: Justin Hendy, Geoff Fis"e
57. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
Organizers: Martha Mutcho, Samantha Price
58. Sensory System Interactions Room 5 & 6
59. Metabolic Diversity 1 Room 5 & 6
60. Social Behavior and Predator-Prey Interactions Room 18
61. Social Behaviors and Predator-Prey Interactions Room 18
62. Neurobiology and Sensory Biology Room 18
63. Pathology and Disease, Room 1 & 2
64. Social Behavior and Predator-Prey Interactions Room 18
65. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
Organizers: Timothy Heymans, Alyssa Stark, Anthony Russell
66. Evolution and Stressors, Room 13
67. Pathology and Disease, Room 1 & 2
68. Social Behavior and Predator-Prey Interactions Room 18
69. Ecological and Evolutionary Consequences of Metabolic Diversity II, Room 5 & 6
70. Vertebrate Development & Evolution, Room 25
71. Environmental Endocrinology: Differences & Similarities, Room 3 & 4
72. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
Organizers: Timothy Heymans, Alyssa Stark, Anthony Russell
73. Ecological and Evolutionary Consequences of Metabolic Diversity II, Room 5 & 6
74. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
Organizers: Timothy Heymans, Alyssa Stark, Anthony Russell
75. Social Behaviors and Predator-Prey Interactions, Room 18
76. Evolutionary Thermal Biology, Room 5 & 6
77. Comparative Genomics, Room 10
78. Social Behavior and Predator-Prey Interactions Room 18
79. Swimming: It’s a Drag, Room 22
80. Breaking the Surface, Room 23
81. Never Miss a Step, Room 24
82. Communication and Cognition, Room 22
83. Behavioral Physiology, Room 12
84. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
Organizers: Timothy Heymans, Alyssa Stark, Anthony Russell
85. Social Behavior and Predator-Prey Interactions Room 18
86. Developmental Plasticity, Room 5 & 6
87. Comparative Genomics, Room 10
88. Social Behavior and Predator-Prey Interactions Room 18
89. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
Organizers: Timothy Heymans, Alyssa Stark, Anthony Russell
90. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
Organizers: Timothy Heymans, Alyssa Stark, Anthony Russell
91. Social Behavior and Predator-Prey Interactions Room 18
92. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
Organizers: Timothy Heymans, Alyssa Stark, Anthony Russell
93. Immune Trade-Offs, Room 25
94. Social Behavior and Predator-Prey Interactions Room 18
95. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
Organizers: Timothy Heymans, Alyssa Stark, Anthony Russell
96. Pathology and Disease, Room 1 & 2
97. Hormones & Behavior II - Everything but the Birds, Room 18
98. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
Organizers: Timothy Heymans, Alyssa Stark, Anthony Russell
99. Morphology & Mechanics Through Time, Room 22
100. Ekoehlogical Biomechanics: A Tribute to Mimi Koehl, III, Room 20
101. Dalykrn vs. Turu, Room 22
102. Complementary to SS5: Stress Phenotype: Linking Molecular, Cellular and Physiological Stress Responses to Fitness, II, Room 20
103. Whole Body Swimming Mechanics, Room 22
104. Social Selection and Reproductive Behavior, Room 23
105. Give and Go: Pushing Off and Moving Forward, Room 24
106. Integrative Plant Biology Room 18
107. Education and the Undergraduate, Room 12
108. Comparative Endocrinology-Differences & Similarities, Room 3 & 4
109. Neuroendocrinology, Room 5 & 6
110. Evolution and Stressors, Room 13
111. Living & Moving in Groups, Room 18
112. How’s My Partner? Coral Reef Biology, Room 13
113. Where’s My Partner? Coral Reef Biology, Room 13
114. Host Parasite Relationships, Room 5-6
115. Developmental Plasticity, Room 5 & 6
116. Dig Deep, Room 23
117. You Should Chew Your Food, Room 24
118. Developmental Plasticity, Room 5 & 6
119. SPCB Best Student Paper: Wake Award, Room 18
120. Environmental Endocrinology: Animals Dealing with a Messed Up World, Room 3 & 4
121. Evolutionary Thermal Biology, Room 5 & 6
122. Evolution and Stressors, Room 13
123. You Are What You Eat - Biodiversity, Room 18
124. Finding the Way, Finding Heat, Room 15
125. Ecological and Evolutionary Consequences of Metabolic Diversity II, Room 20
126. Integrative Thermal Biology, Room 5 & 6
127. Squid Swimming, Room 22
128. Slippery Slope, Room 23
129. Up the Flow and Down the Hatch, Room 23
130. Immune Trade-Offs, Room 25
131. Diastrophic Dysplasia, Room 21
132. Dynamics of Predator-Prey Interactions, Room 3 & 4
133. Evolutionary Ecology, Room 13
134. Evolutionary Ecology, Room 13
135. Comp to SS1: Integrative Plant Biology, Room 1 & 2
136. Comp to SS1: Integrative Plant Biology, Room 1 & 2
137. Character Development and Evolution, Room 21
138. Bird Flight, Room 22
139. Flow through Tight Spaces, Room 23
140. Flying through Water and Swimming on Land, Room 24
141. Evolution of Behavior Room 18
142. Pharyngeal Erosion, Room 20
143. Pathology and Disease, Room 1 & 2
144. Sensory System Interactions Room 5 & 6
145. Metabolic Diversity 1 Room 5 & 6
146. Social Behavior and Predator-Prey Interactions Room 18
147. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
Organizers: Timothy Heymans, Alyssa Stark, Anthony Russell
148. Social Behavior and Predator-Prey Interactions Room 18
149. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
Organizers: Timothy Heymans, Alyssa Stark, Anthony Russell
150. Social Behavior and Predator-Prey Interactions Room 18
151. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
Organizers: Timothy Heymans, Alyssa Stark, Anthony Russell
152. Social Behavior and Predator-Prey Interactions Room 18
153. Comparative Evolutionary Morphology and Physiology of the Environment in the Era of Big Data Room 18
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154. Social Behavior and Predator-Prey Interactions Room 18
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158. Bird Flight, Room 22
159. Flow through Tight Spaces, Room 23
160. Flying through Water and Swimming on Land, Room 24
161. Evolution of Behavior Room 18

SYMPOSIA
7:45 AM – 3:30 PM
unless otherwise noted in program

4:30 PM – 5:00 PM
Concurrent Paper Sessions

8:00 AM – 12:00 PM
All meetings take place at the Tampa Convention Center

Tuesday, January 8 – Day 6
Wednesday, January 9 – Day 7
Thursday, January 10 – Day 8
Friday, January 11 – Day 9
Saturday, January 12 – Day 10
Sunday, January 13 – Day 11

COFFEE BREAKS
Central Exhibit Hall
Morning 9:30 am-10:30 am
Afternoon 3:30 pm-4:30 pm

CONTRIBUTED PAPER SESSIONS
130 PM – 3:30 PM
All meetings take place at the Tampa Convention Center
unless otherwise noted in program

50. The path less traveled: Reciprocal illumination of gecko adhesion by unifying material science, biomechanics, ecology, and evolution Room 19
Organizers: Timothy Heymans, Alyssa Stark, Anthony Russell

Schedule-at-a-Glance
The Society for Integrative and Comparative Biology • 2019 Annual Meeting • Tampa, FL

CONFERENCE FACILITIES
The Convention Center is adjacent to the hotel and within walking distance of all conference sessions.

Childcare will take place in Room 9. The Mothers/Nursing room is Room 10.
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<tr>
<td><strong>KEYNOTE LECTURES</strong></td>
<td>7:30 PM – 8:30 PM, Ballroom B</td>
<td>9:00 PM – 8:00 PM, Room 14-17</td>
<td>7:00 PM – 8:00 PM, Room 14-17</td>
<td>7:30 PM – 8:30 PM, Ballroom A</td>
<td>7:30 PM – 8:30 PM, Ballroom A</td>
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<td>Plenary Session: Peter Wainwright</td>
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<td>Key Innovation and Diversity in Fish Jaws: A SICB Story</td>
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<td><strong>POSTER SESSIONS</strong></td>
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<td>Central Exhibit Hall</td>
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<td>Poster presenters must stand by their posters during scheduled times.</td>
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<td><strong>EXHIBITS HOURS</strong></td>
<td>10:00 PM – 6:00 PM, Exhibitor set-up</td>
<td>9:30 AM – 5:30 PM</td>
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<td><strong>COMMITTEE/BOARD MEETINGS</strong></td>
<td>2:30 PM – 5:30 PM, Room 18</td>
<td>Executive Committee meeting</td>
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<td>Student Support Committee</td>
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<td><strong>SOCIETY/DIVISIONAL MEETINGS</strong></td>
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<td>DAB Meeting</td>
<td>9:00 AM – 5:00 PM, Room 18</td>
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<td>DNHS Meeting</td>
<td>9:00 AM – 5:00 PM, Room 19</td>
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<td>DCPS Meeting</td>
<td>9:00 AM – 5:00 PM, Room 20</td>
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<td>DEV Meeting</td>
<td>9:00 AM – 5:00 PM, Room 21</td>
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<td>DEE Meeting</td>
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<td>DEED Meeting</td>
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<td>TCS Business Meeting</td>
<td>12:00 PM – 1:30 PM, Room 1 &amp; 2</td>
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<td>SICB Society Meeting &amp; Awards Presentation</td>
<td>5:30-6:30 pm, Room 14-15</td>
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<td><strong>WORKSHOPS &amp; PROGRAMS</strong></td>
<td>9:00 AM – 5:00 PM, Room 1 Marriott</td>
<td>9:00 AM – 5:00 PM, Room 18 DAB</td>
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<td>Workshop: Principles and analysis of small, high acceleration systems in biology and synthetic systems</td>
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<td>2:00 PM – 5:00 PM, Florida 1 Marriott</td>
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<td>Organizational Systems level Modeling network</td>
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<td>Student Worker Orientation and First Timer Orientation</td>
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<td>&quot;How to get the most out of your SICB meeting&quot;</td>
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<td>&quot;Required for students with Charlotte Mangum support&quot;</td>
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<td><strong>SOCIAL EVENTS</strong></td>
<td>6:30 PM – 7:30 PM, Florida 2 Marriott</td>
<td>8:00 PM – 10:00 PM, DCPB Social &amp; BART Reception</td>
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<td>Broadening Participation Meet &amp; Greet</td>
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<td>Welcome Reception</td>
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<td><strong>REGISTRATION</strong></td>
<td>3:00 PM – 8:00 PM</td>
<td>7:00 AM – 5:00 PM</td>
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