Thursday, January 3 - Day 1

**KEYNOTE LECTURES**

Times as noted

Bartholomew Lecture: Animal photonics: an integrated, comparative view. Allison Sweeney 6:30-7:30pm - Continental 4/5/6

Friday, January 4 - Day 2

Bern Lecture: Synthesizing research on the adaptable snowbird: geographic variation, seasonality, and evolution in avian micrometry. Ellen Kettersson 6:30-7:30pm - Continental 4/5/6

**SYMPOSIA**

8am-3pm unless otherwise noted in program

S1: When predators attack: evading and motion in predaceous interactions. Organizers: Matt McHenry, Stacy Combes - Continental 4

S2: Ecological epigenetics. Organizers: Cristina Leson-Kettig, Andrea Luski, Christino Richards, Aaron Sherry, Armin Moczek - Continental 5


S5: Hormone-mediated sex ratio adjustment in vertebrates. Organizer: Kristin Navara - Continental 6

Saturday, January 5 - Day 3

S6: Capturing with uncertainty: Integrating phylogeny, behavior and evolutionary ecology in a changing world. Organizers: Zoltan Nemeth, Francis Bonier and Scott MacDougall-Shackleton - Continental 4

S7: Keeping time during animal evolution: conservation and innovation of the circadian clock. Organizers: Adam Reiter, Aidan Tarrant - Continental 5

S8: Assembling the poriferan tree of life. Organizers: Robert Thacker, Allen Collins - Continental 2/3

**CONTRIBUTED PAPER SESSIONS**

8am-3pm unless otherwise noted in program

Morning Special Session for Ken Nagy - Continental 6

Fish Swimming I & II - Plaza A

Locomotion: Hopping & Jumping - Plaza B

Form & Function I - Imperial A

Human Impacts - Imperial B

Coral Reefs - Yosemite B

Comp. Symp.: Physiological Responses to Simultaneous Shifts in Multiple Environments: Stressors: Relevance in a Changing World - Yosemite A

Comp. Symp.: Understanding First Order Phenotypes: Transections for Emerging Model Systems - Yosemite C

Metabolism & Energetics - Continental 8

Sexual Selection - Continental 1

Skulls & Teeth I - Continental 2/3

Invertebrate Embryology - Continental 7

Neurobiology: Neurobiology - Continental 9

Evolution & Morphology I - Imperial A

Macrophysiology - Imperial B

Avian Flight - Plaza B

Coral Symbiosis - Yosemite B

Parental Behavior - Continental 2/3

Comparative Endocrinology - Continental 7

Afternoon

Comp. Symp.: Physiological Responses to Simultaneous Shifts in Multiple Environments: Stressors: Relevance in a Changing World - Yosemite A

Comp. Symp.: Understanding First Order Phenotypes: Transections for Emerging Model Systems - Yosemite C

DHE Best Student Paper - Continental 6

Comp. Symp.: Coping with Uncertainty: Integrating Physiology, Behavior and Evolutionary Ecology in a Changing World - Plaza A

Adhesion - Imperial B

Bat Flight - Plaza B

Symbiosis - Yosemite B

Reproductive Behavior - Continental 2/3

Morning

Comp. Symp.: When Predators Attack: Sensing and Motion in Predator-Prey Interactions - Imperial A

Social Behavior - Continental 2/3

Wing Shape - Plaza A

Robotic, Mathematical & Physical Models - Imperial B

Muscle Physiology: Biomechanics & Locomotion - Plaza B

Comp. Symp.: Coping with Uncertainty: Integrating Physiology, Behavior and Evolutionary Ecology in a Changing World - Yosemite A

Comp. Symp.: Physiological Responses to Simultaneous Shifts in Multiple Environments: Stressors: Relevance in a Changing World - Yosemite A

Cell and Molecular Physiology - Yosemite C

Molecular Evolution & Population Genetics - Continental 8

Evolutionary Developmental Biology I - Continental 1

Biophysics Ecology - Continental 7

Life Histories - Continental 9

Reef Ecology - Golden Gate 6/7

Special Session Honoring Bruce Sidell - Plaza A

Stress Development - Yosemite B

Behavioral Variation - Continental 2/3

Vertebrate Evolution & Phylogenetics - Continental 8

Community Ecology - Continental 7

Skulls & Teeth II - Continental 2/3

Biogeography - Golden Gate 6/7

Afternoon

Special Session Honoring Howard Bern - Imperial A

General Insect Flight - Plaza B


Morning

Comp. Symp.: Vertebrate Land Invasions: Past, Present, and Future - Continental 6

Fish Feeding Kinematics & Physiology - Plaza A

Flows & Pumps - Imperial A

Mechanisms Behind the Movement - Imperial B

Thermobiology - Plaza B

Animal Locomotion - Yosemite B

Larval Ecology-Environment - Yosemite A

Comp. Symp.: Integrating Genomics with Comparative Vision Research of the Invertebrates - Yosemite C

Evolutionary Developmental Biology: Character Development & Evolution - Continental 9

Afternoon

Vertebrate & Functional Morphology - Continental 6

Hawkmoths Flight - Plaza A

Scaling Effects - Imperial A

Adaptation - Imperial B

Thermobiology: Coping with the Cold - Plaza B

Behavioral Ecology: Sensory - Yosemite B

Comp. Symp.: Integrating Genomics with Comparative Vision Research of the Invertebrates - Yosemite C

Eco-Evo-Morpho - Continental 8

Evolutionary Developmental Biology: Character Development & Evolution - Continental 1

Afternoon

Vertebrate Development and Ontogeny - Imperial A

Lizard Evolution - Imperial B

Nutrition - Energetics I - Yosemite A

Body Size & Allometry - Yosemite C

Communication: Signal Function - Continental 2/3

Evolutionary Developmental Biology: Vertebrate Morphogenesis - Continental 1

Afternoon

Vertebrate Development and Ontogeny - Imperial A

Lizard Evolution - Imperial B

Nutrition – Energetics II - Yosemite A

Body Size & Allometry - Yosemite C

Evolutionary Developmental Biology: Character Development & Evolution - Continental 8

Moore Lecture: Promising practices in undergraduate science and engineering education: why don’t we implement them? Savas Singer - 3pm - Continental 4/5/6

Psychological responses to simultaneous shifts in multiple environmental stressors: relevance in a changing world. Organizers: Ross, Richard Blob, Tonia Hsieh - Continental 4

A10: Integrating genomics with comparative vision research of the invertebrates. Organizers: Ianne Schi, Todd Oakley - Continental 5

S11: Phenotypic plasticity and the evolution of gender roles. Organizer: Janet Leonard - Continental 6
**EVENTS/FUNCTIONS**

**CONTRIBUTED PAPER SESSIONS**
8am-5pm unless otherwise noted in program

<table>
<thead>
<tr>
<th>Thursday, January 3 - Day 1</th>
<th>Friday, January 4 – Day 2</th>
<th>Saturday, January 5 – Day 3</th>
<th>Sunday, January 6 – Day 4</th>
<th>Monday, January 7 – Day 5</th>
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</thead>
<tbody>
<tr>
<td>Stress, Immunity &amp; Parasites - Continental 1</td>
<td>Comp. Symp.: Physiological Responses to Simultaneous Shifts in Multiple Env. Strainers: Relevance in a Changing World - Yosemite A</td>
<td>HPK Axis - Continental 7</td>
<td>Evolutionary Developmental Biology: Vertebrate Morphogenesis III - From Head to Toes - Continental 1</td>
<td>Neurobiology: Sensory - Continental 7</td>
</tr>
<tr>
<td>Population Genetics - Continental 7</td>
<td>Neurobiology: Sensorimotor Integration - Continental 2/3</td>
<td>Locomotion on Granular Media - Golden Gate 6/7</td>
<td>Locomotion on Granular Media - Golden Gate 6/7</td>
<td>Biodiversity – Plaza A</td>
</tr>
<tr>
<td>Ecomorphology - Continental 9</td>
<td>Phylogenetics &amp; Computational Methods - Continental 8</td>
<td>Biodiversity - Plaza A</td>
<td>Form &amp; Function II - Plaza B</td>
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<tr>
<td>Energetics - Continental 8</td>
<td>Special Session Honoring Bruce Sidell II</td>
<td>Organizers for Student/Postdoctoral Affairs Workshop</td>
<td>Organizers for Student/Postdoctoral Affairs Workshop</td>
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</table>

**POSTER SESSIONS**
Grand Ballroom
Poster presenters must stand by their posters during scheduled times.

<table>
<thead>
<tr>
<th>Poster Session 1 set up: 7-8am</th>
<th>Poster Session 1</th>
<th>Even # authors present: 3-4pm</th>
<th>Odd # authors present: 4-5pm</th>
<th>Poster Session 1 teardown: 5:5-30pm</th>
</tr>
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</table>

**EXHIBIT HOURS**
Grand Ballroom
Coffee breaks from 9:30-10:30am & 1-3 pm

<table>
<thead>
<tr>
<th>Exhibition set-up Noon-8pm</th>
<th>9:30am-5pm</th>
<th>9:30am-5pm</th>
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**COMMITTEE/BOARD MEETINGS**

<table>
<thead>
<tr>
<th>Executive Committee meeting 2:30-5:30pm, Yosemite B</th>
<th>Invertebrate Biology Editors meeting 5:30am, Mason</th>
<th>Public Affairs Committee Noon-1pm, Mason</th>
<th>Executive Committee 7-9am - Golden Gate 3</th>
<th>SPDAC Noon-1pm – Golden Gate 2</th>
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</thead>
<tbody>
<tr>
<td>Broadening Participation Comm Mtg. 2:30-5:30pm, Mason</td>
<td>SICB Division Secretaries Noon-1pm, Mason</td>
<td>ICB Editorial Board Noon – 1pm-Powell Development Committee Noon – 1pm – Sutter Membership Committee TBD</td>
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<tr>
<td>DPOs and Symposium Organizers for Austin Noon-1pm – Citiescape</td>
<td>Educational Council Noon - 1pm - Powell Student Support Committee 8:30-9:30pm - Mason</td>
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<tr>
<td>Div Chrs Pres/Pres-Elect Noon-1pm – Powell</td>
<td>Advisory Comm 8-10pm - Powell</td>
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<tr>
<td>TCs Board Meeting 5:15-10pm-Mason</td>
<td>Invertebrate Biology Editors meeting 5:30am, Mason</td>
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<tr>
<td>SICB Nominating Committee 8-9pm - Sutter</td>
<td>SICB Division Secretaries Noon-1pm, Mason</td>
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**SOCIETY/DIVISIONAL MEETINGS**

<table>
<thead>
<tr>
<th>DBM Mtg 5:15-6:15pm - Continental 1</th>
<th>DCE Mtg 5:15-6:15pm - Continental 1</th>
<th>AMS Business Mtg. (bring your own lunch) Noon-1pm-Taylor</th>
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<tbody>
<tr>
<td>DCPB Mtg 5:15-6:15pm – Continental 2/3</td>
<td>DCE Mtg 5:15-6:15pm – Continental 1</td>
<td>SICB Society Meeting &amp; Awards Presentation (and NSF report from Bill Zamer)-5:15-6:15pm - Continental 5</td>
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<tr>
<td>DCB Mtg 5:15-6:15pm- Continental 7</td>
<td>DCM Mtg 5:15-6:15pm – Continental 1</td>
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<tr>
<td>DDEB Mtg 5:15-6:15pm – Continental 8</td>
<td>DVM Mtg 5:15-6:15pm – Continental 2/3</td>
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<td>DEF Mtg 5:15-6:15pm – Continental 9</td>
<td>DIZ Mtg 5:15-6:15pm – Continental 7</td>
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<td>DNE Mtg 5:15-6:15pm – Continental 8</td>
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<td>DPCB Mtg 5:15-6:15pm – Continental 9</td>
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**WORKSHOPS & PROGRAMS**

<table>
<thead>
<tr>
<th>Student Orientation Welcome Meeting Orientation, “How to get the most out of your SICB Meeting” 5:30-6:30pm - Imperial A</th>
<th>Broadening participation “Effective presentation skills” Noon-1pm-Continental 2/3</th>
<th>Public affairs workshop “Citizen science” Noon-1:30 pm – GOLDEN GATE 2</th>
<th>Broadening participation “How to negotiate your first job” led by Greg Florant and Billi Stovala Noon-1pm - Continental 1</th>
<th>TCS Mtg 6:15-7:15pm - Continental 1</th>
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**SOCIAL EVENTS**

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<tr>
<th>Broadening Participation Mentor – Mentor Meeting/Reception 6:30-7:30pm – Union Square 2</th>
<th>Companion orientation program - 9-11am-Cityscape</th>
<th>SRC Breakfast 6:30-8am – Lori’s Diner on Sutton</th>
<th>DIZ Libby Hymn auction 7-8 PM - Golden Gate</th>
<th>Society-wide social in honor of students and post docs 4-6pm – Grand Ballroom</th>
</tr>
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<tbody>
<tr>
<td>Welcome Reception 8:30-10pm – Golden Gate</td>
<td>DAB/DNB social 6-7:30pm-Cityscape</td>
<td>DCE Social 7:30-10pm – Cityscape</td>
<td>DIZ/DE/AMS/TCS social 6:30-8:30pm – Golden Gate</td>
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<td>DCPB social 7:30-8:30pm-Golden Gate</td>
<td>DVM/DB/C/DE/DB/DPB Dessert Social 7:30-10 pm – Golden Gate</td>
<td>Broadening participation social 8-10pm – Cityscape</td>
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**REGISTRATION:** Yosemite Foyer
3:30pm-7:30pm Thursday; 7am-5pm Friday; 7:30am-1pm Saturday; 7:30am-1pm Monday