

*EVENTS/FUNCTIONS	Thursday, January 3 - Day 1	Friday, January 4 – Day 2	Saturday, January 5 – Day 3	Sunday, January 6 – Day 4	Monday, January 7 – Day 5
KEYNOTE LECTURES Times as noted	Plenary Session: Altering Rhythmicity: Slow Dance, Fast Dance, Hither and Yon. <i>Richard Satterlie</i> 7:30-8:30pm – Continental 1-9	Bartholomew Lecture: Animal photonics: an integrated, comparative view. <i>Alison Sweeney</i> 6:30-7:30pm – Continental 4/5/6	Bern Lecture: Synthesizing research on the adaptable snowbird: geographic variation, seasonality, and evolutionary endocrinology. <i>Ellen Ketterson</i> 6:30-7:30pm – Continental 4/5/6		Moore Lecture: Promising practices in undergraduate science and engineering education: why don't we implement them? <i>Susan Singer</i> 3-4pm - Continental 4/5/6
SYMPOSIA 8am-3 pm unless otherwise noted in program		S1: <u>When predators attack: sensing and motion in predator-prey interactions.</u> Organizers: Matt McHenry, Stacy Combes - Continental 4 S2: <u>Ecological epigenetics.</u> Organizers: Cristina Ledon-Rettig, Andrea Liebl, Christina Richards, Aaron Schrey, Armin Moczek – Continental 5	S3: <u>Vertebrate land invasions: past, present, and future.</u> Organizers: Alice Gibb, Miriam Ashley-Ross, Richard Blob, Tonia Hsieh - Continental 4 S4: <u>Understanding first order phenotypes: transcriptomics for emerging model systems.</u> Organizers: Suzy Renn, Antónia Monteiro, Arkhat Abzhanov - Continental 5 S5: <u>Hormone-mediated sex ratio adjustment in vertebrates.</u> Organizer: Kristen Navara - Continental 6	S6: <u>Coping with uncertainty: Integrating physiology, behavior and evolutionary ecology in a changing world.</u> Organizers: Zoltan Nemeth, Frances Bonier and Scott MacDougall-Shackleton- Continental 4 S7: <u>Keeping time during animal evolution: conservation and innovation of the circadian clock.</u> Organizers: Adam Reitzel, Ann Tarrant- Continental 5 S8: <u>Assembling the poriferan tree of life.</u> Organizers: Robert Thacker, Allen Collins- Continental 2/3	S9: <u>Physiological responses to simultaneous shifts in multiple environmental stressors: relevance in a changing world.</u> Organizers: Anne Todgham, Jonathon Stillman - Continental 4 S10: <u>Integrating genomics with comparative vision research of the invertebrates.</u> Organizers: Jeanne Serb, Todd Oakley - Continental 5 S11: <u>Phenotypic plasticity and the evolution of gender roles.</u> Organizer: Janet Leonard - Continental 6
CONTRIBUTED PAPER SESSIONS 8am-3pm unless otherwise noted in program Ready Room: California Room Thursday.....Noon-7 PM Friday-Sunday....7 AM-5 PM Monday.....7-10 AM		<u>Morning</u> Special Session for Ken Nagy - Continental 6 Fish Swimming I & 2 - 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 Env. Stressors: Relevance in a Changing World - Yosemite A Comp. Symp.: Understanding First Order Phenotypes: Transcriptomics for Emerging Model Systems - Yosemite C Metabolism & Energetics - Continental 8 Sexual Selection - Continental 1 Skulls & Teeth I - Continental 2/3 Invertebrate Endocrinology - Continental 7 Neurobiology: Neuroethology - 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 <u>Afternoon</u> Comp. Symp.: Physiological Responses to Simultaneous Shifts in Multiple Env. Stressors: Relevance in a Changing World - Yosemite A Comp. Symp.: Understanding First Order Phenotypes: Transcriptomics for Emerging Model Systems - Yosemite C DEE 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	<u>Morning</u> 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 B Comp. Symp.: Physiological Responses to Simultaneous Shifts in Multiple Env. 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 I- Plaza A Stress Development - Yosemite C Behavioral Variation - Continental 2/3 Vertebrate Evolution & Phylogenetics - Continental 8 Community Ecology - Continental 7 Skulls & Teeth II - Continental 9 Biogeography - Golden Gate 6/7 <u>Afternoon</u> Special Session Honoring Howard Bern - Imperial A General Insect Flight - Plaza B Comp. Symp.: Coping with Uncertainty: Integrating Physiology, Behavior and Evolutionary Ecology in a Changing World – Yosemite B	<u>Morning</u> 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 Communication: Lovers - Yosemite B Larval Ecology-Environment - Yosemite A Animal Locomotion - Yosemite C Evolution Ecology - Continental 8 Education and Policy - Continental 1 Reproductive Physiology - Continental 7 Evolutionary Dev. Bio: Vertebrate Morphogenesis I – Fish, Frogs, Fingers & Lungs - Continental 9 Biomaterials - Imperial B Communication: Fighters - Yosemite B Larval Ecology-Mechanisms - Yosemite A Burrowing & Boring - Continental 8 Digestion - Continental 7 Evolutionary Developmental Biology: Character Development & Evolution - Continental 9 <u>Afternoon</u> Structural & Functional Morphology - Continental 6 Hawkmoth 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 Neurobiology: Structure and Evolution - Continental 1	<u>Morning</u> Morphology & Performance - Imperial A Chemical Safety - Plaza A Legged Locomotion - Imperial B Human Performance - Plaza B Complementary Symposium: Assembling the Poriferan Tree of Life - Yosemite B Stress - Yosemite A Genomics, Morphogenesis, & Development of Function - Yosemite C Behavioral Ecology: Trophic Interactions - Continental 2/3 Invertebrate Phylogenetics - Continental 8 Evolutionary Developmental Biology: Neurogenesis, Skeletogenesis, Germline Specification - Continental 1 Color and Thermal Biology - Continental 7 Immunology - Continental 9 Crayfish Biology - Golden Gate 6/7 Conservation Biology - Plaza A Morphology & Kinematics - Imperial A Axial Bending During Swimming - Imperial B Sensorimotor - Plaza B Nutrition – Energetics I - Yosemite A Body Size & Allometry - Yosemite C Communication: Signal Function - Continental 2/3 Evolutionary Developmental Biology: Vertebrate Morphogenesis II - Continental 1 <u>Afternoon</u> Vertebrate Development and Ontogeny - Imperial A Lizard Locomotion – Imperial B Nutrition – Energetics II - Yosemite A Ionic Regulation - Yosemite B Evolutionary Physiology - Yosemite C Skulls & Teeth III - Continental 2/3 Cardiovascular Physiology - Continental 8

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POSTER SESSIONS Grand Ballroom Poster presenters must stand by their posters during scheduled times.		Poster Session 1 set up: 7-8am Poster Session 1 Even # authors present: 3-4pm Odd # authors present: 4-5pm Poster Session 1 teardown: 5-5:30pm	Poster Session 2 set up: 7-8am Poster Session 2 Even # authors present: 3-4pm Odd # authors present: 4-5pm Poster Session 2 teardown: 5-5:30pm	Poster Session 3 set up: 7-8am Poster Session 3 Even # authors present: 3-4pm Odd # authors present: 4-5pm Poster Session 3 teardown: 5-5:30pm	
EXHIBIT HOURS Grand Ballroom Coffee breaks from 9:30-10:30am & 3-5 pm	Exhibitor set-up Noon-8pm	9:30am-5pm	9:30am-5pm	9:30am-5pm	
COMMITTEE/BOARD MEETINGS	Executive Committee meeting 2:30-5:30pm- <i>Yosemite B</i>	Broadening Participation Comm Mtg. 7-8am - Mason DPOs and Symposium Organizers for Austin Noon-1pm – Cityscape Div Chrs Pres/Pres-Elect Noon-1pm – Powell TCS Board Meeting 5:15-10pm-Mason SICB Nominating Committee 8-9pm - Sutter AMS Executive Committee 8-11pm - Powell	Invertebrate Biology Editors meeting 7-8am - Mason SICB Division Secretaries Noon-1pm - Mason Educational Council Noon - 1pm – Powell Student Support Committee 8:30-9:30pm - Mason Advisory Comm 8-10pm - Powell	Public Affairs Committee Noon-1pm - Mason ICB Editorial Board Noon – 1pm-Powell Development Committee Noon – 1pm – Sutter Membership Committee TBD	Executive Committee 7-9am - Golden Gate 3 SPDAC Noon-1pm – Golden Gate 2
SOCIETY/DIVISIONAL MEETINGS		DAB Mtg 5:15-6pm - Continental 1 DCPB Mtg 5:15-6:15pm – Continental 2/3 DCB Mtg 5:15-6:15pm- Continental 7 DEDB Mtg 5:15-6:15pm – Continental 8 DEE Mtg 5:15-6:15pm – Continental 9	DCE Mtg 5:15-6:15pm - Continental 1 DVM Mtg 5:15-6:15pm - Continental 2/3 DIZ Mtg 5:15-6:15pm – Continental 7 DNB Mtg 5:15-6:15pm - Continental 8 DPCB Mtg 5:15-6:15pm - Continental 9	AMS Business Mtg. (bring your own lunch) Noon-1pm-Taylor SICB Society Meeting& Awards Presentation (and NSF report from Bill Zamer) -5:15-6:15pm - Continental 5 TCS Mtg 6: 15-7:15pm - Continental 1	
WORKSHOPS & PROGRAMS	Student Orientation Welcome Meeting Orientation, “How to get the most out of your SICB Meeting” 5:30-6:30pm - Imperial A <i>*Required for students with Charlotte Mangum support</i>	Broadening participation “Effective presentation skills” Noon-1pm-Continental 2/3	Public affairs workshop “Citizen science” Noon-1:30 pm – GOLDEN GATE 2 NSF workshop: “Developing proposals and the new review process” William Zamer Noon-1pm - Continental 1	Broadening participation “How to negotiate your first job” led by Greg Florant and Billi Swalla Noon -1pm - Continental 1 Xcitex ProAnalyst User Group Meeting - Noon-1 PM – Golden Gate 1 Student/Postdoctoral Affairs Workshop on Elevator Talks 6:30-8 pm - Continental 2/3 DPCB workshop: Comparative methods in R clinic 7-10pm – Powell Genomics for Non-Model Organisms: Custom Microarray Development and Analysis 7-10pm – Continental 9	TALX: Teaching and learning roundtable: vision and change in introductory biology Noon-1:30pm - Golden Gate 4/5 Macrophysiology Workshop – Tuesday 8 January – Plaza A
SOCIAL EVENTS	Broadening Participation Mentor –Mentee Meeting/Reception 6:30-7:30pm – Union Square 2 Welcome Reception 8:30-10pm – Golden Gate	Companion orientation program - 9-10am- Cityscape DAB/DNB social 6-7:30pm-Cityscape DCPB social 7:30-8:30pm- Golden Gate	SRC Breakfast 6:30-8am –Lori’s Diner on Sutton DCE Social 7:30-10pm - Cityscape DVM/DCB/DEDB/DPCB Dessert Social 7:30-10 pm - Golden Gate	DIZ Libby Hyman auction 7-8 PM - Golden Gate DIZ/DEE/AMS/TCS social 6:30–8:30pm – Golden Gate Broadening participation social 8-10pm – Cityscape	Society-wide social in honor of students and post docs 4-6pm – Grand Ballroom
REGISTRATION- Yosemite Foyer	3-8:00pm Thursday	7am-5pm Friday	7:30am-4pm Saturday	7:30am-3pm Sunday	7:30am-1pm Monday

