

*EVENTS/FUNCTIONS	Wednesday, January 3 – Day 1	Thursday, January 4 – Day 2	Friday, January 5 – Day 3	Saturday, January 6 – Day 4	Sunday, January 7 – Day 5
KEYNOTE LECTURES Times as noted	Plenary Session: Carl Zimmer <i>Science and Scandal: Reporting on Biology In An Age of Controversy</i> 7:30-8:30 pm - Salon 1-7	Bartholomew Lecture: Dr. Caroline Williams <i>Cold truths: Evolutionary Impacts of Winter on Terrestrial Ectotherms</i> 7:00-8:00 pm - Salon 7	Bern Lecture: Dr. David Norris <i>Five Decades of Environmental Comparative Endocrinology</i> 7:00-8:00 pm - Salon 7		Moore Lecture: Dr. Katayoun Chamany <i>From STEM to STREAMD: Responsibility, Arts, and Design for Inclusive Learning</i> 3:45-4:45 pm - Salon 7
SYMPOSIA 8:00 am-3:30 pm unless otherwise noted in program		S1: From Small and Squishy to Big and Armored: Genomic, Ecological and Paleontological Insights into the Early Evolution of Animals. <i>Organizers: Erik Sperling & Kevin Kocot – Salon 7</i> S2: Spatial Scale and Structural Heterogeneity in Skeletal Muscle Performance. <i>Organizers: David Williams & Natalie Holt - Golden Gate B</i> S3: Evolution in the Dark: Unifying Understanding of Eye Loss. <i>Organizers: Megan Porter & Lauren Sumner-Rooney - Golden Gate A</i>	S4: Science Through Narrative: Engaging Broad Audiences. <i>Organizers: Sara Elshafie, Stuart Sumida, & Bram Lutton – Salon 7</i> S5: Sensory Feedback and Animal Locomotion: Perspectives from Biology and Biorobotics. <i>Organizers: Brett Aiello, Jessica Fox, & Gary Gillis - Golden Gate B</i> S6: Understanding the Evolution of Endocrine System Variation through Large-scale Comparative Analyses. <i>Organizers: Maren Vitousek, Michele Johnson - Golden Gate A</i>	S7: Science in the Public Eye: Leveraging Partnerships. <i>Organizers: Martha Merson, Nick Hristov, & Louise Allen – Golden Gate B</i> S8: Integrative Biology of Sensory Hair Cells. <i>Organizers: Duane McPherson & Billie Swalla - Golden Gate A</i> S9: Inside the Black Box: The Mitochondrial Basis of Life-history Variation and Animal Performance . <i>Organizers: Karine Salin & Wendy Hood Rooney - Salon 7</i>	S 10: Behavioral and Physiological Adaptation to Urban Environments. <i>Organizers: Jenny Ouyang & Davide Dominoni – Salon 7</i> S11: Measuring Biodiversity and Extinction: Present and Past. <i>Organizer: Julia Sigwart – Salons 14-15</i>
CONTRIBUTED PAPER SESSIONS 8:00 am-3:30 pm unless otherwise noted in program Ready Room: Foothill D - 2nd Level Hours: Wednesday – Noon-7:00 pm Thursday – 7:00 am-5:00 pm Friday – 7:00 am-5:00 pm Saturday – 7:00 am-5:00 pm Sunday – 7:00-10:00 am Check in at the Ready Room at LEAST one half day before your presentation, 24 hours is preferred. All meetings take place at the San Francisco Marriott Marquis Childcare will take place in Sierra K on the 5th floor.		<u>Morning</u> 1: Comp to S6: Illuminating the ... - Salons 5-6 2: Evolutionary Morphology - Foothill G 3: Predator/Prey 1 - Nob Hill A-B 4: Microbiome - Nob Hill C-D 5: Biomaterials: Aquatic - Foothill E 6: Feeding: Bites and Strikes - Foothill C 7: Sensory Biology: Receptors and ... - Salons 1-2 8: Genomics - Salons 3-4 9: Temperature-Oxygen Relationships & Critical Thermal Limits - Golden Gate C-1 10: Comp to S5: Sensory.. Pt 1 - Golden Gate C-2 11: Huey Award BSP - Salons 10-12 12: Locomotion: Snaking Around - Salons 13-15 13: BSP - DNNSB - Salons 5-6 14: Evolution of Host-Parasite ... - Foothill G 15: Behavior in Multispecies ... - Nob Hill A-B 16: Behavioral Ecology: Stress - Nob Hill C-D 17: Biophysical Ecology - Foothill E 18: Macroevolution - Foothill C 19: Reproductive Endocrinology - Salons 1-2 20: Comparative Genomics - Salons 3-4 21: Comp to S4: Science ... - Golden Gate C-1 22: Comp to S5: Sensory Pt 2 - Golden Gate C-2 23: Comparative Stress Endocrin. - Salons 10-12 24: DVM BSP - Salons 13-15 <u>Afternoon</u> 25: Morphology: Unlocking the Vault - Salons 5-6 26: Evolutionary Morph. – Eyes. - Foothill G 27: DAB: Marlene Zuk Award - Nob Hill A-B 28: Physiology in the Cold & Deep - Nob Hill C-D 29: Biogeography - Foothill E 30: Feeding in Aquatic Vertebrates - Foothill C 31: Neuroethology - Sensorimotor Responses - Salons 1-2 32: BSP - Aubrey Gorbman Award - Salons 3-4 33: Animal Communication - Signal Complexity - Golden Gate C-1 34: Comp to S5: Sensory Feedback and Animal Locomotion: ..., Pt 3 - Golden Gate C-2 35: Behavioral Thermoregulation - Salons 10-12 36: Locomotion: From Trees to Ground - Salons 13-15	<u>Morning</u> 37: Respiration and Ventilation - Salons 13-15 38: Flight: Birds, Bats, and Gliders - Salons 10-12 39: Conservation Biology - Salons 1-2 40: Wake Award - DPCB BSP - Salons 3-4 41: Parental Care - Salons 5-6 42: Animal Communication: ... - Foothill G 43: Insect Flight: Living in an ... - Foothill C 44: Sharp Bits - Nob Hill A-B 45: Behavioral Endocrinology - Nob Hill C-D 46: Biomaterials: Baggy Skin is the New Black - Golden Gate C-1 47: Environmental Omics/Etics - Golden Gate C-2 48: Cnidarian Evo-Devo - Foothill E 49: DCB: BSP Award - Salons 13-15 50: Evo-Devo: From Genotype to Phenotype - Salons 10-12 51: Comp to S3: Evolution in ..., Pt 1 - Salons 1-2 52: Phylogenetics - Salons 3-4 53: Behavioral Eco.: Development..... - Salons 5-6 54: Sensory Behavior - Foothill G 55: Population-Level Adaptations - Foothill C 56: Host-Pathogen Interactions - Nob Hill A-B 57: Population Genetics - Nob Hill C-D 58: Evo-Devo of Reproductive ... - Golden Gate C-1 59: Temperature Variation and Physiological Plasticity - Golden Gate C-2 60: Evolutionary Ecology - Foothill E <u>Afternoon</u> 61: Superfast! Power Amplification! - Salons 13-15 62: Host-Parasite Interactions - Salons 10-12 63: Comp to S3: Evolution in ..., Pt 2 - Salons 1-2 64: DEDB BSP - Salons 3-4 65: Collective Behavior - Salons 5-6 66: Reproductive Behavior - Foothill G 67: Terrestrial Locomotion: Walk, ... - Foothill C 68: Climate Change & Communities - Nob Hill A-B 69: Population Differentiation - Nob Hill C-D 70: Swimming with the Fishes - Golden Gate C-1 71: Mitochondria, ROS, and Hypoxia/Anoxia - Golden Gate C-2 72: Sensory Biology - Multimodal Sensing and Behavior - Foothill E	<u>Morning</u> 73: Insect Flight: Wings, Control ... - Salons 13-15 74: Adhesion: Not Slippery When Wet - Salons 10-12 75: Morphology: Postcranial - Salons 1-2 76: Terrestrial Locomotion: Gait & Posture - Salons 3-4 77: Maternal Stress Endocrinology - Salons 5-6 78: Ecomorphology: Feeding and Diet - Foothill G 79: Immune Trade-Offs - Foothill C 80: Predator/Prey 2 - Nob Hill A-B 81: Ventilation & Circulation - Nob Hill C-D 82: Life History Evolution - Golden Gate C-1 83: Coral Reef Systems - Golden Gate C-2 84: Conservation Genetics - Foothill E 85: Locomotion on Variable Substrates - Salons 13-15 86: Adhesion: Sticky When Dry - Salons 10-12 87: Sensory Bio. - Active & Env. Sensing - Salons 1-2 88: Plasticity - Salons 3-4 89: Environmental Stress Endocrinology - Salons 5-6 90: Comp to S10: Behavioral and Physiological Adaptation to Urban Environments, Part 1 - Foothill G 91: Immunity - Foothill C 92: Mate Selection - Nob Hill A-B 93: Thermobiology of Endotherms - Nob Hill C-D 94: Plasticity and Evolution - Golden Gate C-1 95: Reef Communities - Golden Gate C-2 96: Neurobiology & Anatomy - Foothill E <u>Afternoon</u> 97: Bird Flight: Wing Morphing & More - Salons 13-15 98: Ecomorphology: Locomotion - Salons 10-12 99: Rhythm and Behavior - Salons 1-2 100: Muscle Physiology - Salons 3-4 101: Behavioral Ecology: Seasonality & Hormones - Salons 5-6 102: Comp to S10: Behavioral and Physiological Adaptation to Urban Environments, Part 2 - Foothill G 103: Evolution of Developmental Processes - Foothill C 104: Comp to S11: Measuring Biodiversity and Extinction – Present and Past - Nob Hill A-B 105: Comparative Endocrinology - Nob Hill C-D 106: Reproductive Physiology - Golden Gate C1 107: Larval Ecology - Golden Gate C2 108: Neuroethology - State-Dependence and Neurobiology - Foothill E	<u>Morning</u> 109: Digestion and Energetics - Salons 1-2 110: Bioindicators and Pollution - Salons 3-4 111: Metamorphosis and Regeneration - Salons 5-6 112: Comp to S1: From Small and Squishy to Big and Armored: Genomic, Ecological and... - Salons 10-11 113: Genetics of Adaptation - Foothill G 114: Locomotion and Navigation - Nob Hill A-B 115: Developmental Endocrinology - Nob Hill C-D 116: Bird Morphology - Foothill E 117: Morphology: Heady Matters - Pacific H 118: Muscle and Tendon - Pacific I 119: Sexual Dimorphism & Sexual Selection - Pacific J 120: Evolutionary Physiology - Oxygen - Salons 12-13 121: Scaling and Other Complexities of ... - Salons 1-2 122: Awesome Biomechanics: From ... - Salons 3-4 123: Morphogenesis and Organogenesis - Salons 5-6 124: Comp to S1: From Small and Squishy to Big and Armored: Genomic, Ecological and ... - Salons 10-11 125: Adaptation - Foothill G 126: Behavioral Ecology and the Environ. - Nob Hill A-B 127: Symbiotic Relationships - Nob Hill C-D 128: Comp to S9: Inside the Black Box: The Mitochondrial Basis of Life-History... - Foothill E 129: Fluids: Low Reynolds Number - Pacific I 130: Sexual Selection - Pacific J 131: Evolutionary Physiology - Salons 12-13 <u>Afternoon</u> 132: Bioinspiration: Cats' Paws and Catapults - Salons 1-2 133: Ocean Acidification - Salons 3-4 134: Aquatic Locomotion: It is a Fluke - Salons 5-6 135: Comp to S2: Spatial Scale and Structural Heterogeneity in Skeletal Muscle Performance: Less Than a Cell to Behavior - Salons 10-11 136: Social Behavior - Nob Hill A-B 137: Undergraduate Biology Education - Nob Hill C-D 138: Filter Feeding - Foothill E 139: Body Size, Ontogeny and Scaling - Pacific H 140: Osmotic Stress and Ionic Regulation - Pacific I 141: Energetics of Diving, Flying, Running... - Pacific J 142: Evo: Eco-Morpho - Salons 12-13

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POSTER SESSIONS Poster presenters must stand by their posters during scheduled times.		Poster Session 1 set up: 7:30-8:00 am Poster Session 1 Even # authors present: 3:30-4:30 pm Odd # authors present: 4:30-5:30 pm Poster Session 1 teardown: 5:30-6:00 pm	Poster Session 2 set up: 7:00-8:00 am Poster Session 2 Even # authors present: 3:30-4:30 pm Odd # authors present: 4:30-5:30 pm Poster Session 2 teardown: 5:30-6:00 pm	Poster Session 3 set up: 7:00-8:00 am Poster Session 3 Even # authors present: 3:30-4:30 pm Odd # authors present: 4:30-5:30 pm Poster Session 3 teardown: 5:30-6:00 pm	
EXHIBIT HOURS Salons 8-9 Coffee breaks - 9:30-10:30 am & 3:30-4:30 pm	Exhibitor set-up Noon-8:00 pm	9:30 am-5:30 pm	9:30 am-5:30 pm	9:30 am-5:30 pm	
COMMITTEE/BOARD MEETINGS	Executive Committee 2:30-5:30 pm – Salons 10-12 Student Support Committee 5:30-7:00 pm – Foothill G	Nominating Committee 7-8 am – Pacific C Div Chairs Pres/Pres-Elect Noon-1:30 pm – Pacific C TCS Board Meeting 5:30-10:00 pm – Pacific D AMS Executive Committee 8-11 pm – Pacific C	Broadening Participation Committee 7-8 am – Pacific D Advisory Committee 7-8 am – Pacific C Division Secretaries Noon-1:30 pm – Pacific C Educational Council Noon-1:30 pm – Pacific D SPDAC Noon -1:30 pm - Pacific E	SICB Editorial Board Noon-1:30 pm – Pacific I DPOs and Symposium Organizers for Tampa Meeting Noon-1:30 pm – Pacific H Editorial Board Meeting Journal of Experimental Zoology Part A: Ecological and Integrative Physiology Noon-1:30 pm - Golden Gate C3 Development Committee Noon-1:30 pm – Pacific A	Executive Committee 7:00-9:00 am – Foothill C Public Affairs Committee Noon-1:30 pm – Hotel Restaurant Group Meeting: Science in the Public Eye symposium 9:00 am-12:30 pm - Foothill F
SOCIETY/DIVISIONAL MEETINGS		DAB Mtg 5:45-6:30 pm – Foothill G DNNBS Mtg 5:45-6:30 pm – Foothill E DCPB Mtg 5:45-6:30 pm – Nob Hill A/B DCB Mtg 5:45-6:30 pm – Salon 3+4 DEE Mtg 5:45-6:30 pm – Salon 5+6 DEDE Mtg 5:45-6:30 pm – Nob Hill C/D DEDB Mtg 5:45-6:30 pm – Salon 1+2	TCS Bus Meeting Noon - 1:30 pm Golden Gate C1 AMS Bus. Meeting 12:30-1:30 pm – Nob Hill A/B DCE Mtg 5:45-6:30 pm – Nob Hill A/B DVM Mtg 5:45-6:30 pm – Salon 1+2 DIZ Mtg 5:45-6:30 pm – Salon 3+4 DPCB Mtg 5:45-6:30 pm – Nob Hill C/D	SICB Society Meeting & Awards Presentation 5:45-6:45 pm – Salon 7	
WORKSHOPS & PROGRAMS	Student worker orientation and first-timer orientation “How to get the most out of your SICB meeting” 5:30-6:30 pm – Salon 7 *Required for students with Charlotte Mangum support Workshop: Best practices for using NGS-based datasets to determine statistically robust evidence of positive selection and convergent evolution of polar organisms. 9 am-5 pm –Foothill E Workshop: ICB Editor’s Challenge to Define Stress. 8:30 am-4:30 pm – Foothill F	Student Postdoctoral Affairs Brown Bag Workshop: “Just publish papers” vs. outreach and advocacy Noon-1:30 pm – Golden Gate A Public Affairs Committee Workshop: Science Through Story: Strategies for science communication inspired by Pixar's creative process. Noon-1:30 pm – Salons 3-4	Sketchnotes Workshop: A hands-on visual note-taking workshop (Matsuda) Noon-1:30 pm – Salons 3-4 Journal of Experimental Zoology Workshop: “Discussion with the Editors of JEZ-A and JEZ-B on how to get published” (David Crews, Günter Wagner, Paul-André Genest) Noon-1:30 pm – Salons 1-2 NSF Program Officers: Revisions to the IOS core program and Q&A Noon-1:30 pm –Golden Gate C2	Broadening Participation Committee Workshop: Beyond traditional mentors: mentoring moments and networks Noon-1:30 pm –Pacific H Student Support Committee Brown Bag Workshop: Writing a Competitive GIAR/FGST Grant Proposal Noon-1:30 pm – Salons 10-12 TAL-X Workshop: Biology on a Budget: Sharable DIY Bio Lab Activities (Larry McPhee) 7:00-9:00 pm – Pacific H DEDB Workshop: Origination of Cell Types (Wagner) 6:30-9:30 pm - Foothill G	Animal Genome to Phenome RCN: Transcriptomics Brownbag Noon-1:30 pm –Foothill C
SOCIAL EVENTS	Welcome Reception 8:30-10:00 pm - Golden Gate Ballroom	Zumba 6:30-7:15 am – Juniper Broadening Participation Meet & Greet 7:00-8:00 am – Pacific A DCPB/DEE Social and BART Reception 8-10 pm – Ballroom Foyer	Zumba 6:30-7:15 am – Juniper DCE/DEDE/DAB/DNNBS Social 8:00-10:00 pm – Thirsty Bear, 661 Howard Street DVM/DCB Social 9:00 pm – Monarch, 101 6th Street	Zumba 6:30-7:15 am – Juniper Broadening Participation Social 7:00-9:00 pm – Thirsty Bear, 661 Howard Street DEDB/DPCB/DIZ/AMS/TCS Social 6:30-8:30 pm – Thirsty Bear, 661 Howard Street	Zumba 6:30-7:15 am – Juniper Society-wide social in honor of students and post-docs 5:00-7:00 pm – Ballroom Foyer
REGISTRATION- North Registration Desk	3:00-8:00 pm Wednesday 3 January	7:00 am-5:00 pm Thursday 4 January	7:30 am-4:00 pm Friday 5 January	7:30 am-3:00 pm Saturday 6 January	7:30 am-2:30 pm Sunday 7 January