

2ND **Conservation Paleobiology SYMPOSIUM**

Gainesville, FL | February 2023

Hilton University of Florida Conference Center
1714 SW 34th St
Gainesville, FL, USA

Symposium Schedule of Events and Program

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Meeting Abstracts and Digital Program

A digital file of the most updated version of this program is available on our conference website <https://conservationpaleorcn.org/annual-symposium-conference-page/>.

Abstracts for all invited and contributed presentations are also available on our conference website, or accessed directly using the QR code and URL listed below. The final version of the abstract book will be published online in the Bulletin of the Florida Museum.

ABSTRACTS (draft version):



Link to Abstracts (draft version): <https://www.floridamuseum.ufl.edu/wp-content/uploads/sites/35/2023/02/Vol60No2archival.pdf>

Schedule of Events

All activities are at the Hilton unless otherwise noted

Thursday, February 16, 2023

7:00-9:00PM Icebreaker Event (Location: Florida Museum of Natural History, Powell Hall)
This informal social event will have alcoholic drinks available for purchase. Non-alcoholic drinks and light snacks will also be available.

Friday, February 17, 2023

7:30AM Registration Booth Open

8:00AM Coffee Break

Opening Session

Moderators: Sahale Casebolt and Michal Kowalewski (University of Florida)

8:30AM *OPENING REMARKS*
Michal Kowalewski (Co-Chair, Organizing Committee, U. Florida, USA)

8:35AM *WELCOME STATEMENT FROM THE DIRECTOR OF THE FLORIDA MUSEUM OF NATURAL HISTORY*
Douglas S. Jones (Director, Florida Museum, University of Florida)

8:45AM *CONFERENCE SCHEDULE, RULES, AND LOGISTICS*
Sahale Casebolt (Co-Chair, Organizing Committee, University of Florida, USA)

8:50AM *WELCOME STUDENTS, SUMMARY OF STUDENT ACTIVITIES*
Erin Dillon and Broc Kokesh (CPN Student Panel Co-Chairs)

Keynote 1

Moderator: Richard Aronson, Florida Tech

9:00AM *BRIDGING THE DIVIDE FROM PALEOECOLOGY TO NEOECOLOGY*
Bush, Mark; Florida Tech, USA

9:30AM Q & A with Keynote Speaker + Short Coffee Break

Session 1

Session Chairs: Jessica Lueders-Dumont & Jenny McGuire

09:45AM *HOW MANY GENERATIONS ARE AVAILABLE FOR STUDY? EXPECTATIONS AND APPLICATIONS OF HISTORICAL ECOLOGICAL INSIGHT FROM BONES LYING ON MODERN LANDSCAPES*

Miller, Joshua H.; University of Cincinnati, USA

10:00AM *GIANT KELP FOREST RESILIENCE TO OCEAN WARMING; HISTORICAL AND MODERN SYSTEMS*

Roopnarine, Peter D.; California Academy of Sciences, USA

10:15AM *PLEISTOCENE DISRUPTION OF TRAIT-ENVIRONMENT RELATIONSHIPS INFORMS THE FUTURE CONSERVATION OF AFRICAN MEGAFUNA*

Lauer, Daniel A.; Georgia Institute of Technology, USA

10:30AM *USING THE PAST TO TELL MORE PERSUASIVE CONSERVATION STORIES*

Pier, Jaleigh Q.; Cornell University, USA

10:45AM **Coffee Break**

11:00AM *MAPPING PAST DISTRIBUTIONS OF MARINE MOLLUSKS USING SHELL DEATH ASSEMBLAGES*

Herbert, Gregory S.; School of Geosciences, University of South Florida, USA

11:15AM *TRIBALLY-LED CONSULTATION ON THE ETHICAL USE OF SEDIMENTARY ANCIENT DNA FOR A CULTURALLY IMPORTANT PLANT: MANOOMIN, PSIN, ZIZANIA (WILD RICE)*

Myrbo, Amy; Science Museum of Minnesota and Amiable Consulting, USA

11:30AM *SMALL BIOLOGICAL PRESERVES AND SMALLER MAMMALS: CAN PROTECTED AREAS IN OUR MOST POPULOUS REGIONS CONSERVE HISTORIC COMMUNITY COMPOSITION?*

Viteri, Maria C.; Stanford, USA

11:45AM *MEGASDM: MODELLING SPECIES RANGES IN THE PAST AND FUTURE*

Shipley, Benjamin R.; Georgia Institute of Technology, USA

12:00PM **Lunch Break** LUNCH BUFFET IS PROVIDED AT THE HILTON

Session 2

Session Chairs: Gregory Herbert & Maria Viteri

- 1:30PM *PALEO-BIOLOGICAL APPROACHES TO PRESENT DAY WETLAND ECOSYSTEM RESTORATION PROBLEMS*
Meeder, John F.; Florida International University, USA
- 1:45PM *COMMUNITY ABUNDANCE AND ENVIRONMENTAL MONITORING TO SUPPORT CORAL REEF MANAGEMENT IN EAST PORTLAND SPECIAL FISHERY CONSERVATION AREA, JAMAICA*
Williams, Claire M.; University of Texas at Austin, USA
- 2:00PM *IMPLICATIONS OF IMMIGRANT ARRIVAL TIMES DURING THE PALEOCENE-EOCENE THERMAL MAXIMUM FOR MAMMAL BIOGEOGRAPHIC RESPONSE TO MODERN CLIMATE CHANGE*
Bloch, Jonathan I.; University of Florida, USA
- 2:15PM *PER-SIMPER, AN INNOVATIVE METHOD FOR IDENTIFYING COMMUNITY ASSEMBLY PROCESSES WITHIN MODERN, RECENT AND DEEP-TIME PALEONTOLOGICAL ASSEMBLAGES*
Gibert, Corentin; Georgia Institute of Technology, SEPL, USA
- 2:30PM *DISTRIBUTION AND DIVERSITY OF SEDIMENT-DWELLING ECHINOIDS OF THE CENTRAL FLORIDA KEYS*
Grun, Tobias; University of Florida, USA
- 2:45PM Coffee Break

Keynote 2

Moderator: Lynn Wingard, USGS

- 3:00PM *CONSERVATION PALEOBIOLOGY AND THE STEWARDSHIP OF U.S. NATIONAL PARK SERVICE PALEONTOLOGICAL RESOURCES*
Santucci, Vincent L.; National Park Service Paleontology Program, USA
- 3:30PM *Q & A WITH KEYNOTE SPEAKER*

Session 3.1 - Lightning Talks (Working Groups)

Session Chairs: Rachel Short & Broc Kokesh

- 3:44PM *INTRODUCTION TO WORKING GROUPS LIGHTNING TALKS*
Kowalewski, Michal

- 3:45PM *INTEGRATING PALEO, HISTORICAL, ARCHEOLOGICAL, AND TRADITIONAL ECOLOGICAL KNOWLEDGE DATA INTO CARIBBEAN CORAL REEF MANAGEMENT*
Cramer, Katie L.; Arizona State University, USA
- 3:50PM *COYOTES REVEAL BASELINE NITROGEN DECLINE ACROSS END-PLEISTOCENE ECOSYSTEM COLLAPSE*
DeSantis, Larisa; Vanderbilt University, USA
- 3:55PM *MODELING PRE-IMPACT BASELINES AT SCALE TO INFORM SPECIES RECOVERY*
Grace, Molly K.; University of Oxford, UK
- 4:00PM *INTEGRATING INFORMATION FROM THE PAST INTO OYSTER MANAGEMENT*
Dietl, Gregory P.; Paleontological Research Institution, USA
- 4:05PM *MOBILIZING PALEOBIOLOGY TO SUPPORT CONSERVATION IN THE BAHAMAS*
The Bahamas Lost Ecosystems Conservation Paleobiology Working Group
- 4:10PM **Discussion Session 1**

Session 3.2 - Lightning Talks (Miscellaneous)

Session Chairs: Rachel Short & Broc Kokesh

- 4:25PM *DOES FIRE DRIVE QUATERNARY ECOSYSTEM TRANSFORMATION AT LAKE TULANE, FLORIDA?*
Perrotti, Angelina G.; University of Wisconsin & Brown University, USA
- 4:30PM *PALEOECOLOGY OF THE PLIO-PLEISTOCENE OF QUEENSLAND: ECOLOGICAL SHIFTS EVIDENCED FROM FAUNA AT THE DARLING DOWNS*
DeSantis, Larisa R.; Vanderbilt University, USA
- 4:35PM *MOLLUSK RESPONSE UNDER OCEAN ACIDIFICATION IN SHALLOW MARINE SETTINGS OF SICILY (CENTRAL MEDITERRANEAN)*
Scarponi, Daniele; University of Bologna, Italy
- 4:40PM *PARASITE DYNAMICS: ONE PATTERN AND MULTIPLE POSSIBLE CAUSES*
Huntley, John W.; University of Missouri, USA
- 4:45PM *UNDERSTANDING BOTANICAL TRAITS OF RANCHO LA BREA FOSSILS FOR CONSERVATION PURPOSES*
Mendoza, Steven J.; La Brea Tar Pits, Natural History Museums of Los Angeles County, Los Angeles, CA, USA
- 4:50PM *COPRODUCTION IN CONSERVATION PALEOBIOLOGY: LESSONS LEARNED FROM THE HISTORICAL OYSTER BODY SIZE PROJECT*
Dietl, Gregory P.; Paleontological Research Institution, USA

4:55PM *PALEOFIDELITY: AN R PACKAGE FOR MEASURING AND VISUALIZING LIVE-DEAD FIDELITY*
Kowalewski, Michal; University of Florida

5:00PM **Discussion Session 2**

5:10PM Coffee Break

Conservation Paleobiology Network (CPN) – Townhall Meeting

5:25PM *STATE OF THE NETWORK*
Michal Kowalewski (CPN PI) and Sahale Casebolt (CPN Coordinator)

5:35PM – 6:00PM *CPN PANEL MEETING*
Planning Team and Panel Leaders of the Conservation Paleobiology Network

Saturday, February 18, 2023

7:30AM Registration Booth Open

8:00AM Coffee Break

Session 4

Session Chairs: Jonathan Cybulski & Madison Gaetano

8:15AM *CONSERVATION PALEOBIOLOGY AND TAPHONOMY: DIFFERENTIAL PRESERVATION AND TIME-AVERAGING OF ECHINOIDS AND MOLLUSKS*
Torres, Luis, Jr.; University of Florida, USA

8:30AM *CLIMATE CHANGE AND THE PERSISTENCE OF CORAL-REEF DEVELOPMENT IN UPWELLING ZONES*
Rodriguez-Ruano, Victor; Florida Institute of Technology, USA

8:45AM *TRANSFERABLE SKILLS AND BIG IDEAS FOR THE NEXT GENERATION OF (PALEO)ENVIRONMENTAL DECISION MAKERS: A CURRICULAR EXAMPLE USING SALMON RESTORATION AND CONSERVATION IN THE PACIFIC NORTHWEST FOR UNDERGRADUATE AND GRADUATE STUDENT TRAINING*
Fox-Dobbs, Kena; University of Puget Sound, USA

9:00AM *DEEP TIME CONSERVATION PALEOBIOLOGY OF THE ATLANTIC JIGSAW PUZZLE AND THE FUTURE OF THE SOUTHWESTERN ANGOLAN COAST*

Jacobs, Louis L.; Southern Methodist University, USA

9:15AM

SHED FEMALE ANTLERS AS A MINERAL RESOURCE FOR CARIBOU ON SPRING CALVING GROUNDS

Gaetano, Madison; Department of Geosciences, University of Cincinnati, USA

9:30AM

MONITORS WITH MEMORIES: DEATH ASSEMBLAGES RECORD A CENTURY OF WASTEWATER POLLUTION AND REMEDIATION

Kokesh, Broc S.; University of Chicago, USA

9:45AM

Coffee Break

Session 5: CPN Working Groups Symposium

Moderators: Lynn Wingard and Chuck Jacoby

10:00AM

INTRODUCTION TO WORKING GROUPS (~5 minutes each)

INTEGRATING CONSERVATION PALEOBIOLOGY INTO CARIBOU MANAGEMENT

Miller, Josh

INTEGRATING PALEO AND HISTORICAL DATA INTO CORAL REEF MANAGEMENT AND POLICY

Cramer, Katie

MANOOMIN - PSIN - ZIZANIA

Myrbo, Amy

INTEGRATING HISTORICAL DATA AND APPROACHES INTO OYSTER MANAGEMENT

Dietl, Greg

AN INTERDISCIPLINARY WORKING GROUP TO CATALYZE THE SCIENCE OF SPECIES' PRE-IMPACT DISTRIBUTIONS

Grace, Molly; Hansford, James

CONSERVATION DECISION-MAKING IN THE INSULAR ANTHROPOCENE: FINDING AND RESTORING THE BAHAMA ARCHIPELAGO'S LOST ECOSYSTEMS

Davis, Ancilleno; LeFebvre, Michelle; Mychajliw, Alexis; Oswald, Jessica; Pateman, Michael

CONSERVATION PALEOBIOLOGY IN CITIES: INTEGRATING GEOHISTORICAL DATA INTO URBAN GREENING

Lindsey, Emily; George, Jessie

LEVERAGING LESSONS OF THE NORTH AMERICAN FUR TRADE: INTEGRATED CULTURAL AND BIOLOGICAL LEGACIES
Hofman, Courtney; Mychajliw, Alexis

10:40AM Panel Discussion and Q & A with Working Group Leaders
Cramer, Katie; Davis, Ancilleno; Dietl, Greg; George, Jessie; Grace, Molly; Hansford, James; Hofman, Courtney; LeFebvre, Michelle; Miller, Josh; Mychajliw, Alexis; Myrbo, Amy; Oswald, Jessica; Pateman, Michael

11:00AM Coffee Break

Keynote 3

Moderator: Michelle LeFebvre, Florida Museum of Natural History

11:15 *CHARACTERIZING PAST COMMUNITIES TO BUILD FUTURE ONES: LESSONS FROM CARIBBEAN CONSERVATION PALEOBIOLOGY*
Kemp, Melissa; The University of Texas at Austin, USA

11:45 Q & A WITH KEYNOTE SPEAKER

12:00 GROUP PHOTO

12:00PM **Lunch Break** BOXED LUNCH IS PROVIDED AT THE HILTON

Workshop (1:30 – 3:30PM)

Academic-Agency Partnership Workshop (full description on page 17, and on website)

Location: Hilton Conference Center

This workshop is open preferentially to students/postdocs/early career. Pre-registration on the conference website is encouraged. If you are not attending the workshop during this time, consider taking a self-guided tour of the Florida Museum (Powell Hall), located across the road from the Hilton on the UF campus (This is the exhibits hall, and is not the same building as the museum research/collections).

Keynote 4

Moderator: Rich Aronson, Florida Tech

4:00PM *GEOLOGICAL PERSPECTIVES ON THE DEGRADATION AND RESTORATION OF CORAL REEFS*
Toth, Lauren; United States Geological Survey, St. Petersburg Coastal and Marine Science Center, USA

4:30PM *Q & A WITH KEYNOTE SPEAKER*

4:45PM *Coffee Break*

Poster Session (5:00 – 6:00pm)

Booth 1 *USING FISH REMAINS TO TRACE DYNAMIC EXCHANGES BETWEEN ECOLOGY AND ECONOMY IN FIJI*
Rubin, Leah D.; SUNY ESF, USA

Booth 2 *BODY SIZE ESTIMATION IN TOADS (ANURA: BUFONIDAE): APPLICABILITY TO THE FOSSIL RECORD*
Victor, Maya L.; University of Florida, USA

Booth 3 *METABARCODING OF AMERICAN MINK SCAT TO EXPLORE SHIFITING BASELINES IN THE GULF OF MAINE*
Williams, Sara; University of Oklahoma, USA

Booth 4 *PALEOECOLOGICAL IMPLICATIONS OF TREMATODE-INDUCED PIT SIZE IN CHAMELEA GALLINA FROM THE ADRIATIC SEA, ITALY*
Fitzgerald, Erin; University of Missouri, USA

Booth 5 *SMALL MAMMAL HYPSONDONTY RATIOS DO NOT TRACK PRECIPITATION CHANGES AT NATURAL TRAP CAVE, WYOMING*
Turner, Lily; Georgia Institute of Technology, USA

Booth 6 *SHELL MICROSTRUCTURE AS AN INDICATOR OF CHANGING ENVIRONMENTAL CONDITIONS IN COASTAL OCEANS*
Carskaddan, Jane S.; Colgate University, USA

Booth 7 *LIFE HISTORIES VARY WITH PRIMARY PRODUCTIVITY IN THE NORTHERN GULF OF MEXICO*
Gómez, Juan J.; Unnone, Victor K.; Colgate University, USA

Booth 8 *LIVE-DEAD SHIFTS IN MOLLUSCAN FUNCTIONAL DIVERSITY IN COASTAL ALABAMA*
Filipovich, Charlotte L.; Colgate University, USA

Booth 9 *CONCORDANT SPATIAL GRADIENTS IN PREDATION INTENSITY AND PRODUCTIVITY ARCHIVED IN SURFICIAL MOLLUSK SHELL ACCUMULATIONS IN SEAGRASS MEADOWS ALONG THE GULF COAST OF FLORIDA*

Hardin, Alizé M.; University of South Florida, USA

Booth 10 *MOLLUSCS ACROSS SPACE AND THROUGH TIME IN A HYPERSALINE COASTAL LAGOON, MEXICO*
Suárez-Mozo, Nancy Y.; Universidad Nacional Autónoma de México, Mexico

Booth 11 *DETECTING GENUINE VERSUS PSEUDO-ABSENCE IN THE FOSSIL RECORD: APPLICATIONS OF OCCUPANCY MODELLING FOR CONSERVATION PALAEOBIOLOGY*
Dean, Christopher D.; University College London, UK

Booth 12 *ESTABLISHING MODERN PEAT ANALOGS TO DECIPHER MANGAL SUB-HABITATS FROM HISTORICAL PEATS*
Neely, Samuel H.; Florida International University, USA

Booth 13 *WHAT IS CONSERVATION PALEOBIOLOGY? TRACKING 20 YEARS OF RESEARCH AND DEVELOPMENT*
Dillon, Erin; Smithsonian Tropical Research Institute, Panama

Booth 14 *VARIANCE OF CAROTID-RETE-MEDIATED SELECTIVE BRAIN COOLING ACROSS ARIDITY INDICES*
Slenker, Katherine; Georgia Institute of Technology, USA

Booth 15 *DEATH ASSEMBLAGES RECORD SIGNIFICANT RANGE CONTRACTION IN A MOLLUSCAN SPECIES OF CONCERN FROM THE EASTERN GULF OF MEXICO*
Sanders, Stephanie A.; University of South Florida, USA

Booth 16 *DESCRIBING A NEWLY EXCAVATED PACKRAT MIDDEN NEAR NATURAL TRAP CAVE, WYOMING TO HELP ASSESS BIASES IN FOSSIL MICROFAUNAL ACCUMULATION*
Stetel, Michael J.; Georgia Institute of Technology, USA

Booth 17 *A HOLOCENE SEABIRD EXTINCTION IN MAINE: THE GREAT AUK*
Snyderman, Lucia.; Middlebury College, USA

Sunday, February 19, 2023

7:30AM Registration Booth Open

8:00AM Coffee Break

Session 6

Session Chairs: Katie Cramer

- 8:15AM *LONG-TERM CHANGE IN CARIBBEAN REEF WATER QUALITY AND ECOSYSTEM HEALTH*
Whaley, Zachary B.; Arizona State University, USA
- 8:30AM *HUMAN-DRIVEN DIVERSITY CHANGES IN CARIBBEAN PARROTS ACROSS THE HOLOCENE*
Oswald, Jessica A.; University of Nevada, USA
- 8:45AM *CORAL GEOCHEMICAL RECORDS TRACK MILLENNIAL-SCALE ECOSYSTEM CHANGE AND RESILIENCE IN THE TROPICAL EASTERN PACIFIC*
Cybulski, Jonathan D.; Smithsonian Tropical Research Institute, Panama
- 9:00AM *EXAMINING THE BIOGEOGRAPHIC HISTORY AND EVOLUTION OF OTTERS IN THE AMERICAS TO IDENTIFY CONSERVATION SOLUTIONS*
DeNeve Weeks, Danaan; La Brea Tar Pits, Natural History Museums of Los Angeles County, Los Angeles, CA, USA
- 9:15AM *ASSESSING IMPACT OF DOMESTIC AND NON-NATIVE SPECIES ON TRAIT-ENVIRONMENT RELATIONSHIPS USING HYPSONOMY AND PRECIPITATION SINCE THE LATE PLEISTOCENE*
Short, Rachel A.; South Dakota State University, USA
- 9:30AM Coffee Break
- 10:00AM *THE PAST AS A LENS FOR BIODIVERSITY CONSERVATION ON A DYNAMICALLY CHANGING PLANET*
McGuire, Jenny L.; Georgia Institute of Technology, USA
- 10:15AM *USING SIMULATIONS TO EVALUATE THE UTILITY OF GEOHISTORICAL REFERENCE CONDITIONS FOR ASSESSING ECOLOGICAL QUALITY*
Pruden, M.J.; Cornell University, USA
- 10:30AM *IMPACTS OF OCEAN DEOXYGENATION ON MARINE BENTHOS IN THE GULF OF MEXICO*
Harnik, Paul. G.; Colgate University, USA
- 10:45AM *OYSTER DEATH ASSEMBLAGES AS ARCHIVES OF HISTORICAL INFORMATION FOR STUDYING LONG-TERM TRENDS IN OYSTER BODY SIZE*
Durham, Stephen R.; Florida Department of Environmental Protection, USA
- 11:00AM Coffee Break

Keynote 5

Moderator: Lynn Wingard, USGS

11:15AM *THE IMPORTANCE OF PALEOECOLOGY IN EVERGLADES RESTORATION SCIENCE AND MANAGEMENT*
Aumen, Nicholas; United States Geological Survey

11:45PM *Q & A WITH KEYNOTE SPEAKER*

12:00PM Sunday Lunch Break *BOXED LUNCH IS PROVIDED AT THE HILTON*

***Student Mentor/Mentee Lunch:** Both graduate and undergraduate students are invited and encouraged to join tables to meet with professional and faculty mentors over this lunch break. See page 17 for full description. Confirmed professional/faculty mentors: **Katie Cramer, Gregory Dietl, Kena Fox-Dobbs, Molly Grace, Paul Harnik, Melissa Kemp, Jenny McGuire, Joshua Miller, Rachel Short, Lauren Toth.** Location: Main ballroom (same location as presentations)*

Session 7

Session Chairs: Larisa DeSantis & Roxanne Banker

1:30PM *DECREASED TROPHIC COMPLEXITY OF MODERN CARIBBEAN CORAL REEFS COMPARED TO MID-HOLOCENE COUNTERPARTS*
Lueders-Dumont, Jessica

1:45PM *STELLER'S SEA COW AND KELP FOREST REGENERATION IN THE NORTH PACIFIC*
Banker, Roxanne; University of Nevada, Las Vegas, USA

2:00PM *CHANGES IN SMALL MAMMAL COMMUNITIES OVER THE LAST 25,000 YEARS SHOW A COMPLEX RELATIONSHIP BETWEEN COMPOSITION, TRAITS, AND ARIDITY*
Schap, Julia A.; Georgia Institute of Technology, USA

2:15PM *A 55,000 YEAR RECONSTRUCTION OF VEGETATION IN THE LOS ANGELES BASIN: INSIGHTS INTO FUTURE CHANGE AND A BETTER GUIDE FOR THE PRESENT*
George, Jessie; University of California, Los Angeles, USA

2:30PM *ENVIRONMENTAL CONTROLS ON PREDATOR AND PREY BODY SIZE IN THE NORTHERN GULF OF MEXICO*
Calderaro, Luke A.; Colgate University, USA

2:45PM *Coffee Break*

3:00PM *UNDERSTANDING PALEOCLIMATE THROUGH SOUTHERN CALIFORNIA'S PACKRAT MIDDENS*
Austin, Elizabeth L.; Middlebury College, USA

- 3:15PM *BRIDGING THE GAP BETWEEN CONSERVATION PALEOBIOLOGY AND RESOURCE MANAGEMENT: RECOGNIZING THE PAST IS THE KEY TO THE FUTURE*
Wingard, G. Lynn; United States Geological Survey, USA
- 3:30PM *FOSSIL SQUAMATES OF PEDERNALES PROVINCE, DOMINICAN REPUBLIC: NOVEL RECORD OF HUMAN-INDUCED EXTINCTION AND EXTIRPATION*
Riegler, Mitchell S.; University of Florida, USA
- 3:45PM *RECONSTRUCTING MILLENNIAL-SCALE VARIABILITY IN REEF SHARK COMMUNITIES ACROSS THE ISTHMUS OF PANAMA*
Dillon, Erin.; Smithsonian Tropical Research Institute, Panama
- 4:00PM *USING PAST ARCHIVES TO BETTER CONSTRAIN THE FUTURE OF ALLIGATOR SINENSIS*
Hansford, J.; The Zoological Society of London/University College London, UK
- 4:15PM Coffee Break

Closing Remarks

Moderators: Sahale Casebolt and Michal Kowalewski (University of Florida)

- 4:30PM *CONFERENCE SURVEY*
Sebastian Galindo, University of Florida
- 4:45PM *CLOSING REMARKS*
Michal Kowalewski and Sahale Casebolt, University of Florida

Monday, February 20, 2023

- ALL DAY *FIELD TRIPS (PRE-REGISTRATION REQUIRED)*

Presenter Information

Poster Presentation Guidelines

The poster session will take place on Saturday, February 18th from 5:00PM - 6:00PM. Poster presenters are expected to be at their posters for the duration of the poster session. All poster presenters are responsible for printing and bringing their own posters. Posters must fit within a 70 inch wide × 58 inch tall (177.8 cm x 147.3 cm) display board. The boards will be numbered and we will provide push pins to hang your poster up. Presenters will need to make sure to hang up their posters prior to the session starting and taking down their posters after the session ends. Any posters that are left hanging on the boards after the session ends will be taken down by a conference team member.

Oral Presentation Guidelines

Regular oral presentations are 15 minutes long (12 minute-talk and 3 minutes for questions). Lightning presentations are 5 minutes (5 minute talk with opportunity for questions at the end of the lightning session). Oral presentations are preferred in Microsoft PowerPoint in a 16:9 standard format. PC computers running on the most up to date Microsoft 365 programs will be provided. Please load your presentation before the start of the session by using a USB flash drive. If you are presenting in the morning, you must load your talk prior to the start of the next morning's presentations or during the morning breaks. If you are presenting in the afternoon, you must load your talk before the end of the lunch break. You are advised to bring your own laser pointer if desired.

General Information

Registration Desk

The registration desk is located in the pre-function area of the main meeting venue: Hilton University of Florida Conference Center Gainesville, 1714 SW 34th Street, Gainesville, Florida 32607. Staff and volunteers will help participants check-in to the conference and answer questions during the following hours: Friday, February 17, 7:30am-5:30pm; Saturday, February 18, 7:30am-5:30pm; Sunday, February 19, 7:30am-4pm.

Conference Merchandise

If you prepaid for a t-shirt/tote bag, please pick it up at the registration desk during the conference. Please do not forget, as we will not be able to mail it to you after the conference has ended. T-shirts and tote bags may also be available to purchase by credit card at the registration desk while supplies last.

Nametags

Each registered participant will receive a nametag upon check-in with the conference. The nametag grants access to all conference activities and should be worn at all times during conference functions.

Cell phones, Mobile Devices, Tablet Devices

Please mute your cell phones, tablets, and mobile devices while in all meeting rooms. Also, please mute the sound on your laptops. Please respect presenters' wishes not to share certain sensitive data on social media. If you see this icon → on slides or a poster, please do not photograph or share on social media.



Social Media

Follow the Conservation Paleobiology Network on Twitter: @CnsrvPaleoNetwk
Remember our symposium hashtag: #conspaleo2023

Internet Access

Complimentary internet is included in the main meeting areas and can be accessed using the **HiltonHonorsMeeting** network. On the splash page that shows up in your browser, please scroll down to see the "I have a Promotional Coupon Code" and type code **Welcome**.

Parking

Parking is available in any area of the Hilton parking lot. There is no fee to park and no pass is required to park at the Hilton. The parking lot is also located close to the conference center entrance.

Special facilities and important resources

We have established a nursing room for the duration of the meeting. Please see signage at the meeting for these locations. For information about inclusion on the UF campus and beyond, please see these important local resources. <https://lgbtq.multicultural.ufl.edu/>, <https://hispaniclatinoaffairs.multicultural.ufl.edu/>, <https://disability.ufl.edu/>, <https://apia.multicultural.ufl.edu/>, <https://blackaffairs.multicultural.ufl.edu/>, and <https://multicultural.ufl.edu/>. Please reach out to conference organizers for more information: we celebrate and aspire to grow our diversity in Conservation Paleobiology, and to offer an inclusive, safe, and welcoming meeting environment.

Student (and Postdoc) Activities

The following activities are aimed at students (and postdocs). Pre-registration is required for workshops, which can be done on the conference website:

<https://conservationpaleorcn.org/annual-symposium-conference-page/>

1. Academic-Agency Partnership Workshop (Saturday, Feb 18 1:30-3:30pm. Open to undergraduate students, graduate students, & postdocs): This interactive workshop will explore academic-agency partnerships in conservation paleobiology, with a storytelling twist. Participants will discuss how to build and sustain academic-agency partnerships, gain exposure to the types of work done at agencies, and learn how to more effectively communicate the value of their research with resource managers. The workshop will include short talks from three speakers who have approached academic-agency partnerships from different angles (Susan Kidwell, Lynn Wingard, and Jonathan Cybulski), followed by a guided small-group activity. Click [HERE](#) to learn more. Workshop location: Hilton Conference Center main ballroom location where the presentations are.

2. Student mentoring lunch (Sunday, Feb 19 12:00-1:30pm) - Come join us for FREE lunch and networking! During the lunch break on Sunday, we'll be hosting a group mentoring lunch where you'll have the opportunity to chat with researcher and practitioner mentors. Mentors will be seated at tables based on their expertise, and mentees will be able to move between tables to mingle with multiple people. We have a great line-up of mentors representing various career stages, affiliations, topics, and regions that are excited to speak with you.

3. Opportunity board (ongoing) - Swing by the opportunity board to learn about (and share) jobs, internships, grants, workshops, and other resources in conservation paleobiology. You can also learn more about the CPN Student Panel.

Symposium Leadership: Organizing Committee, Panel, and Abstract Reviewers

Thank you to the many people involved in the planning and organization of this symposium!:

Albano, Paolo G., *Symposium Panel Co-Chair & Abstract Reviewer*, Department of Palaeontology
Stazione Zoologica Anton Dohrn, Naples, Italy

Aronson, Richard, *Organizing Committee Member*, Dept. of Ocean Engineering & Marine Sciences,
Florida Institute of Technology

Birch, Suzanne, *Symposium Panel Member*, Department of Anthropology, Department of Geography,
University of Georgia

Bloch, Jonathan, *Organizing Committee Member*, Curator of Vertebrate Paleontology, Florida Museum

Blois, Jessica, *Symposium Panel Member*, School of Natural Sciences, University of California, Merced

Brenner, Mark, *Organizing Committee Member*, University of Florida

Casebolt, Sahale, *Organizing Committee Co-chair*, Florida Museum, University of Florida

Cramer, Katie, *Symposium Panel Member*, Julie Ann Wrigley Institute of Sustainability, Arizona State
University

Dillon, Erin, *Student Panel Co-chair*, Smithsonian Tropical Research Institute, Panama

Grace, Molly, *Symposium Panel Member & Abstract Reviewer*, IUCN Species Conservation Success Task
Force and Department of Zoology, University of Oxford

Herbert, Greg, *Organizing Committee Member*, School of Geosciences, University of South Florida, USA

Jacoby, Charles, *Organizing Committee Member*, Supervising Environmental Scientist, St. Johns River
Water Management District, Courtesy Associate Professor, Soil, Water & Ecosystem Sciences
Department, University of Florida

Kokesh, Broc, *Symposium Panel Member, Student Panel Chair & Abstract Reviewer*, Department of
Geophysical Sciences, University of Chicago

Kowalewski, Michal, *Organizing Committee Co-chair*, Florida Museum, University of Florida

LeFebvre, Michelle, *Organizing Committee Member*, Florida Museum, University of Florida

Lockwood, Rowan, *Symposium Panel Member & Abstract Reviewer*, College of William and Mary

O'Dea, Aaron, *Symposium Panel Former Co-Chair*, STRI and University of Bologna

Pimiento, Catalina, *Symposium Panel Co-Chair* Swansea University and University of Zurich

Portell, Roger, *Organizing Committee Member*, Division of Invertebrate Paleontology, Florida Museum

Saupe, Erin, *Symposium Panel Former Co-Chair*, Department of Earth Science, University of Oxford

Scarponi, Daniele, *Symposium Panel Member*, BiGeA Department, University of Bologna

Torres, Luis, *Organizing Committee Student Member*, Florida Museum, University of Florida

Wingard, Lynn, *Organizing Committee Member*, United States Geological Survey

Yasuhara, Moriaki, *Symposium Panel Member*, University of Hong Kong

Zuschin, Martin, *Symposium Panel Member*, University of Vienna

Code of Conduct

All conference participants must agree to follow our Code of Conduct when they register.

The full code of conduct can be found on our conference webpage here:

<https://conservationpaleorcn.org/annual-symposium-conference-page/>

By attending the 2023 Conservation Paleobiology Symposium, all participants agree to abide by this Code of Conduct, whether participating online or in person. We welcome you to join, sustain, foster, and help grow our inclusive and supportive environment.

Other Information

Safety/Medical Information

Emergency: Please dial 911.

University Police (Non-emergency): The University of Florida Police Department (UFPD) is a 24/7 resource and can be reached at 352-392-1111 for non-emergencies. For more information on UFPD and available resources, please visit their website:

<https://police.ufl.edu/>

Local hospitals: There are 2 local hospitals in Gainesville located near the Hilton and Aloft. The closest hospital is UF Health Shand's Hospital (1600 SW Archer Rd., Gainesville, FL 32608) located 1.8 miles from the main event venue and North Florida Regional Medical Center (6500 W Newberry Rd., Gainesville, FL 32605) located 4.1 miles from the main event venue.

Covid Safety

Our aim is to promote a safe and inclusive meeting, and we ask all attendees to help keep our community, and those in our lives outside of symposium, healthy and well. While masking and social distancing is voluntary, we do expect all attendees to honor and respect the choices of others during the meeting.

Questions? Please reach out to our meeting team:

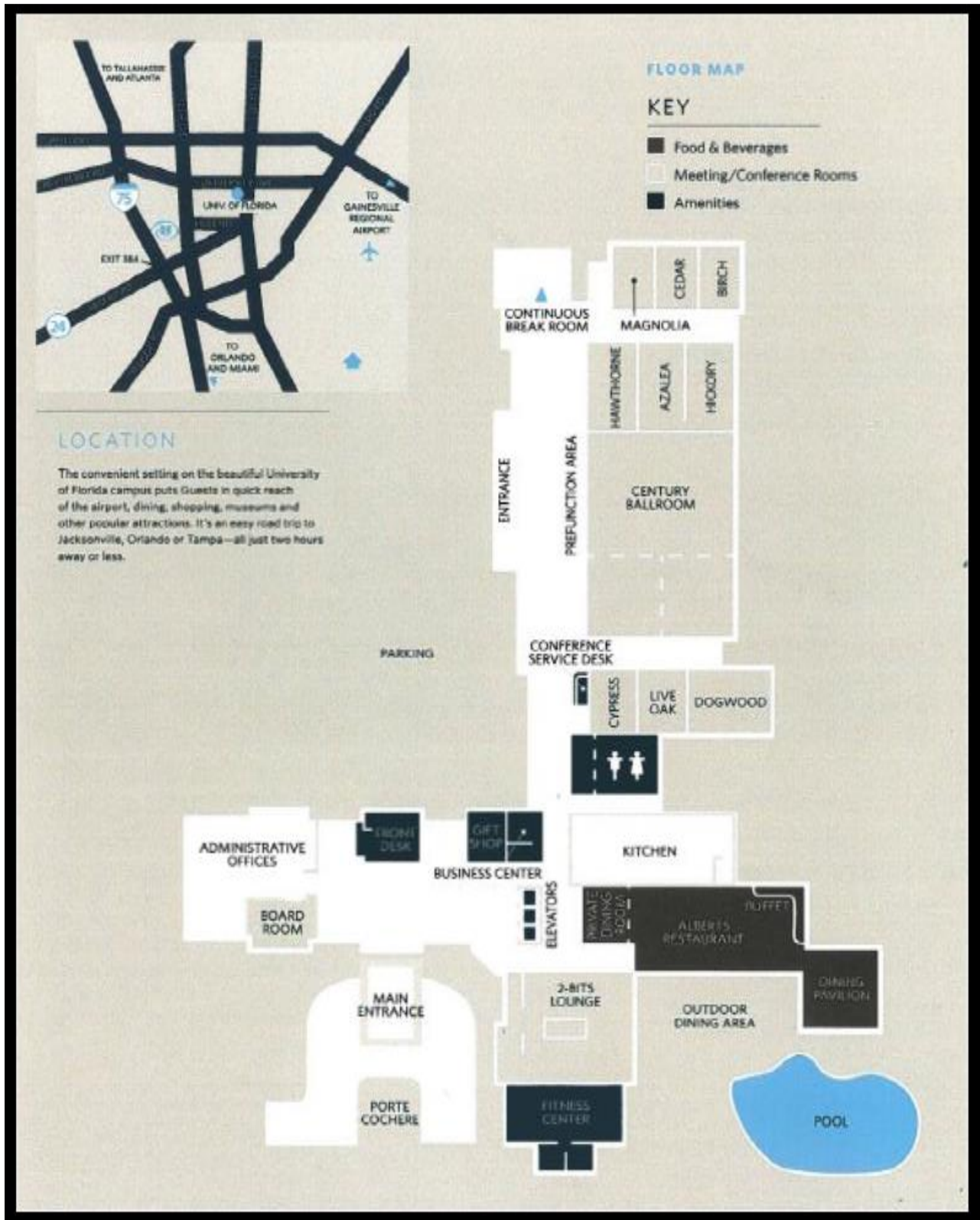
University of Florida Meeting Planner, Kevin Jackson (kevinscott13@ufl.edu)

Organizing Committee Co-chair, Michal Kowalewski (mkowalewski@flmnh.ufl.edu)

Organizing Committee Co-chair, Sahale Casebolt (sahale@ufl.edu)

The Conservation Paleobiology Network (conservationpaleo@floridamuseum.ufl.edu)

Meeting Venue Map



Thank you to our Sponsors!

We thank two anonymous donors as well as the following organizations:

