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20 Introductory Statements with Speaker's Presentation Titles and Timeline for the STRETCH HPU 5th Sea Turtle Workshop, October 10, 2025.

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20 Introductory Statements with Speaker's Presentation Titles and Timeline for the STRETCH HPU 5th Sea Turtle Workshop, October 10, 2025.

730am Complementary Morning Coffee, Tea, Juices and Pastries- *Registration Check In*, Free Parking Validation, Socializing, and Seating.

800-830am Opening Ceremonies-

Hawaiian Blessings Ceremony by Kahu Hanai Danny Akaka Assisted by Anna Akaka.

Acting HPU Provost Dr. Brenda Jensen- Welcoming Remarks on behalf of Hawaii Pacific University.

Director Masanori Kurita, George Balazs, & Jeffrey Seminoff- Dedication of the HPU STRETCH Workshop to **Dr. Itaru Uchida**, Founding Director of the Magnificent Port of Nagoya Public Aquarium; **AND to Dr. Wallace J. Nichols**, Champion of Mexico's Baja California Peninsula Japanese loggerhead turtles.

Workshop Dedication Statement spoken by **Masanori Kurita**, Director of the Port of Nagoya Public Aquarium-

"I received the baton directly from Dr. Uchida, and I am participating in STRETCH as someone who carries on his legacy. I feel it is my mission to pass on the philosophy and passion that Dr. Uchida built to the next generation. I will talk about why Dr. Uchida began researching sea turtles, and what he envisioned when creating the Port of Nagoya Public Aquarium. I plan to conclude with the mechanical doll of Urashima Tarō."

Recognition of Mitsui O.S.K. Lines represented by Ms. Kanako Ota from Japan.

#1- 830-845am Larry Crowder and George Balazs- The Genesis and Evolution of Loggerhead STRETCH: What Sea Turtles Have to Teach Us About a Changing Ocean.

Larry Crowder is the Edward F. Ricketts Provostial Professor of Marine Ecology and Conservation at Hopkins Marine Station, Stanford Doerr School of Sustainability and a senior fellow at the Stanford Woods Institute for the Environment. He is also an Affiliated Faculty at Stanford Center for Ocean Solutions and Professor by Courtesy, Departments of Biology and Environmental Social Sciences. Current Interdisciplinary Projects include Dynamic Ocean Management in Costa Rica (DYNAMAR), Sea Turtle Research Experiment on the Thermal Corridor Hypothesis (STRETCH) and Traits-based tools to inform cross-jurisdictional fisheries management under climate change. He is an AAAS Fellow and was awarded Duke University's Scholar/Teacher of the year award in 2008-2009. Larry was recently named National Geographic Explorer and received a lifetime achievement award from the International Sea Turtle Society.

#2- 845-900am Jeffrey Polovina- Small Turtles in a Big Ocean: Loggerhead Sea Turtle Forage Habitats in the North Pacific.

Dr. Jeffrey Polovina is a marine ecosystem and fisheries scientist who worked at NOAA's Pacific Islands Fisheries Science Center for 38 years directing and conducting marine ecosystem research. Early in his career he developed the Ecopath ecosystem model however much of his research was focused on advancing our understanding of the impacts of fisheries and climate dynamics on the subtropical pelagic ecosystem with a focus on highly mobile species including loggerhead sea turtles.

#3- 900-915am Dana Briscoe- Emerging Insights from the STRETCH Project: Juvenile North Pacific Loggerheads As Sentinels of Ocean Change.

Dana Briscoe is a Lead Data Scientist with Stanford University. She has a background in oceanography and marine ecology and holds a PhD from the University of California Santa Cruz. She is a STRETCH co-PI and was lead author of the 2021 Thermal Corridor paper from which the STRETCH program arose. Dana will be sharing some of the key scientific insights gained from the project thus far and how the STRETCH turtles are serving as important ecosystem sentinels of a rapidly changing ocean.

#4- 915-930am (Zoom from France) Philippe Gaspar- The Active Dispersal Scenario of Juvenile North Pacific Loggerhead Turtles Revealed by Historical Satellite Tracking Data and Novel Operational Oceanography Products.

Philippe Gaspar is an Engineer in Applied Mathematics and a Doctor in Physical Oceanography from the University of Louvain (Belgium). As a postdoc at the French Met Office and then the Massachusetts Institute of Technology, he worked on the development of numerical ocean models and assimilation of satellite data in these models. In 1990, he became Head of the Satellite Oceanography Division of CLS-Argos (France), a team that pioneered the development of satellite altimeter products for sea level studies. In the 2000s, he developed a new field of activity at CLS focusing on the improvement and interpretation of marine animal's satellite tracking data. He is now a retired volunteer scientist at Mercator Ocean (France) where he co-develops the Sea Turtle Active Movement Model (STAMM), aiming to better understand the swimming activity of juvenile sea turtles.

#5- 930-945am Masanori Mori and Masanori Kurita- Breeding and Rearing Loggerhead Turtles at Port of Nagoya Public Aquarium.

Masanori Mori has been an aquarium keeper for 26 years and currently cares for sea turtles. Being part of the STRETCH project has been a highlight of my career, and he is grateful to share his passion with you today.

#6- 945-1000am Noah Yamaguchi and Tomomi Saito- The Features of Nesting Environment of the STRETCH Turtle Birth Beach.

Noah Yamaguchi is a Ph.D. student of Professor Tomomi Saito's laboratory at Kochi University. His research-life started with assessing population abundance of green turtles in the Yaeyama Islands by mark-recapture methods and drone surveys. Now, he researches the nesting environments for North Pacific loggerhead turtles. He joined STRETCH for MOL voyages in 2023 and 2024 as a caretaker of Cohorts I & 2.

*****1000-1030am Morning Break & Group Photos with Workshop Banner**

#7- 1030- 1045am Tomomi Saito, Noah Yamaguchi, and Koki Sugiura- Loggerhead Turtle Nesting Trend on Kochi Beach from 2009 to 2024.

Tomomi Saito, Ph.D., is a Professor at the Usa Marine Biological Institute, Kochi University. He earned his Ph.D. in Science from the University of Tokyo and previously worked at the Port of Nagoya Public Aquarium, specializing in sea turtle reproduction and conservation. His research focuses on the biology, ecology, and conservation of sea turtles, as well as marine and freshwater ecology and crustacean systematics. He has authored over 60 scientific papers, serves as Editor-in-Chief of an international journal, and is a member of the IUCN Marine Turtle Specialist Group.

#8- 1045-1100am Koki Sugiura, Noah Yamaguchi and Tomomi Saito- Migratory Routes and Responses to the Marine Environment of Female Loggerhead Turtles Visiting the Waters off Kochi Prefecture.

Koki Sugiura is an undergraduate student at Kochi University. He used to work at the Muroto Schoolhouse Aquarium, operated by the Sea Turtle Association of Japan, where he was involved in bycatch and nesting surveys of sea turtles. Aspiring to study satellite tracking, he transferred to Kochi University and joined the STRETCH project as a turtle caretaker, starting from the voyage of Cohort-III.

#9- 1100-1115am Tomoko Hamabata- Same Clutch, Different Journeys? A Research Proposal to Explore the Genetic Background of Movement Variability in Loggerhead Turtles.

Dr. Tomoko Hamabata's long-term research has focused on green turtles, using population genetics to study genetic diversity, connectivity, and local adaptations in coastal ecosystems. More recently, she has begun working on loggerhead turtles in Japan, with an initial focus on genetic structure and diversity. Building on this foundation and through collaboration within the STRETCH project, she would like to explore the genetic basis of movement patterns and individual variability in migration.

#10- 1115-1130am Matthew Rutishauser- Wildlife Computers Inc: A Brief History, Current and Ongoing Projects, and Direct Involvement with STRETCH.

Matthew Rutishauser works at Wildlife Computers and lives in Seattle, Washington, USA. Matt started off his career as a Lab Technician and Field Biologist at U.C. Santa Cruz working primarily with marine mammals. He then transitioned to building tags as an Engineer, and now is a Technical Product Manager guiding development of new tags at Wildlife Computers. Favorite field site: Cape Shirreff, Livingston Island, Antarctica. Favorite conference: Bio-Logging. Favorite ice cream flavor: Scout Mint.

#11- 1130-1145am Thierry Work- Necropsy Findings of North Pacific Loggerheads.

Dr. Thierry M. Work is currently the project leader for the National Wildlife Health Center Honolulu Field Station where he leads a team that provides support to safeguard wildlife and ecosystem health through research and technical assistance to federal, state, and international partners.

#12- 1145-1200 Noon- Robert Ahrens- Loggerheads at Loggerheads: Managing Turtle Interactions in Hawaii's Tuna Fishery.

Robert Ahrens is a fisheries scientist at NOAA's Pacific Islands Fisheries Science Center and former Associate Professor at the University of Florida. He specializes in quantitative modeling, bycatch estimation, and

management strategy evaluation. His work integrates advanced statistical methods and policy frameworks to improve sustainable fishery management and reduce bycatch impacts.

*****1200-1215pm Group Discussions Questions & Answers**

*****1215-145pm Lunch- On Your Own with Friends Old and New**

#13- 145-200pm Laura Jim- Learning Through Turtles: Educational Opportunities with STRETCH

Laura Jim is a seasoned educator at Hawai'i Preparatory Academy on the Big Island, where she serves as Co-Director of the school's Sea Turtle Research and Stranding Program. She is dedicated to advancing HPA's mission by providing students with exceptional, hands-on learning experiences while supporting sea turtle research and community education. A passionate environmentalist, she actively contributes to stranding response, fishing line recycling, and coastal cleanups across Hawai'i Island.

#14- 200-215pm Marc Rice- Engaging The Public: Our Blog as a Tool for STRETCH Outreach.

Marc Rice is a marine biologist and former administrator at **Hawaii Preparatory Academy (HPA)**. He has been involved with the school since 1971, holding various roles including science teacher, director of studies, and assistant headmaster. Since 1987, Rice has been a director of the **HPA Sea Turtle Research Program**, a cooperative partnership with the National Oceanic and Atmospheric Administration (NOAA). He is currently Co-Director of the Program along with Laura Jim. The program involves students in hands-on field expeditions to capture, tag, measure, and conduct health assessments primarily on green turtles. Rice has conducted or been part of over 400 field expeditions in Hawai'i and other locations like Japan, Australia, American Samoa, Palmyra Atoll, Lalo Island, Singapore, Vanuatu, and Fiji. Although he retired from HPA in 2024, he remains active in sea turtle research.

#15- 215-230pm Jeffrey Seminoff- Loggerheads in the Eastern North Pacific: From Local Enigma to Conservation Flashpoint.

Jeffrey Seminoff is Leader of the Marine Turtle Ecology & Assessment Program at NOAA-Southwest Fisheries Science Center in La Jolla, California. Since 1992 Jeffrey has been involved in ecological research and conservation of sea turtles. He has a Ph.D. from the University of Arizona (2000) and was a post-doc at the Archie Carr Center for Sea Turtle Research at the University of Florida before joining NOAA in 2002. Seminoff is a member of the IUCN Marine Turtle and IUCN Tortoise and Freshwater Turtle Specialist Groups, and is Past-President of the International Sea Turtle Society (2011). His research uses innovative approaches such as stable isotope analysis, biotelemetry, and aerial surveys to study sea turtles around the world. Jeff, his wife Jennifer, daughter Quin, and son Graeson enjoy sharing meals and laughter whenever the kids are in town, often while being watched by their two pugs, Arlo and Boo.

#16- 230-245pm Cali Turner Tomaszewicz- Demography and Habitat Use of Loggerheads along the North American West Coast: Insights from Skeletochronology and Stable Isotope Analysis.

Cali Turner Tomaszewicz is a Research Biologist at NOAA Fisheries' Southwest Fisheries Science Center in the Marine Mammal & Turtle Division. Cali began working with NOAA's Marine Turtle Ecology & Assessment Program in 2008, and focused on North Pacific Loggerheads during her PhD at the University of California San Diego in collaboration with NOAA and Grupo Tortuguero in Baja California, Mexico. During her PhD, she developed methods to use the bones from dead stranded turtles recovered along the Baja Pacific coast to combine skeletochronology (the analysis of bone growth layers) and stable isotope analysis, to investigate the age demographics and habitat movement patterns of North Pacific loggerheads recovered in this region, resulting in two publications. This work helped lay some of the groundwork for the STRETCH

research project in investigating when loggerheads appear to recruit to the North American coast in the seminal 2021 Thermal Corridor paper, and Cali is still using the same techniques - and more - to help further our understanding of these turtles in cooperation with the NOAA stranding response teams and the US West Coast Sea Turtle Stranding Program partners.

#17- 245-300pm Alberto Abreu- What do STRETCH Loggerheads Tell Us About Their Recruitment into Mexican Habitats, and How can STRETCH Contribute to Loggerhead Conservation in Baja California?

Dr. Alberto Abreu is a Research Scientist and Professor at the Mazatlán Unit of the Institute of Marine Sciences and Limnology, part of the National Autonomous University of Mexico (UNAM). His core expertise lies in the population genetics of sea turtles, with a broader research interest in integrating genetic data with satellite telemetry to illuminate how behavioral patterns influence conservation outcomes.

#18- 300-315pm Denise Parker- Loggerhead Landscapes, Landmarks Frequented During Transpacific Travels.

Denise Parker currently lives in Newport, Oregon. She began her career working with Hawaii's Division of Land and Natural Resources Aquatic Division in 1989. She joined the National Marine Fisheries Service, Honolulu Lab, which later became the Pacific Islands Fisheries Science Center, National Oceanic and Atmospheric Administration (NOAA) in 1991. Denise first supported research on lobster and bottom fish before joining the Marine Turtle Research Program in 1994, working with sea turtles throughout the Pacific. Her main focus has been telemetry and tracking different species of sea turtles, including green, olive ridley, hawksbill, leatherback and loggerheads. In 2016, she became an independent researcher, a co-chair of the Marine Turtle Specialist Group for Ocean for a number of years and is contributing to the STRETCH program as well as continuing to assist in sea turtle research around the Pacific.

#19- 315-330pm Bianca Silva Santos- Habitat Suitability and Transboundary Considerations of Loggerhead Sea Turtles in the Eastern North Pacific.

Bianca Santos is an interdisciplinary marine scientist with expertise at the intersections of marine conservation, policy, and social-ecological systems. She recently completed her PhD in Environment and Resources at Stanford University, where her research focused on the adaptive management of highly migratory marine species from science, policy, and societal perspectives. She is currently the Global Ocean Program Associate with The Nature Conservancy and a research consultant with Loggerhead STRETCH.

*****330-400pm Group Discussions Questions & Answers & Closing Blessing
Estimated to Adjourn no later than 4pm.**