### Monday, October 10th

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<th>Time</th>
<th>Regency Ballroom</th>
<th>Wampanoag Room</th>
<th>Standish Room</th>
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<tr>
<td>6:00 pm</td>
<td><strong>Opening remarks, Wampanoag land acknowledgment and blessing</strong></td>
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<td>6:00 pm</td>
<td><strong>John Kricher - Keynote Address: A century for the birds</strong></td>
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<td>7:00 pm</td>
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<td><strong>Welcome reception Standup dinner</strong></td>
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**Other Activities**: Intro to Passerine Banding Workshop (8:00am – 5:00pm)

** Symposium talks run for 20 minutes
† Considered for a student presentation award
### Tuesday, October 11th

6:00 am – 8:45 am: AFO birding bus to Mass Audubon Tidmarsh Wildlife Sanctuary

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<tr>
<td>9:00 am</td>
<td>Scott Weidensaul - Plenary: Messing Around with Birds (For Fun and Science)</td>
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<td><strong>Continental breakfast and coffee break</strong></td>
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<tr>
<td>10:30 am</td>
<td>Session 1: Phylogeny and Population Biology</td>
<td>Session 2: Habitat Relationships I</td>
<td>Session 5: Physiology, Hormones, and Immunology</td>
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<td>Mod</td>
<td>Robert L. Curry</td>
<td>Gary Schnell</td>
<td>Mark Deutschlander</td>
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<tr>
<td>11:00 am</td>
<td>Elsie Shogren - Patterns of reproductive isolation in recently sympatric honeyeaters with neo-sex chromosomes</td>
<td>‡ Larissa Simulik - Examining the habitat requirements for American woodcock <em>Scolopax minor</em> in New Brunswick, Canada</td>
<td>‡ Kyle Coughlan - Differential levels of oxidative status between active and resting phases in free living great tits</td>
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<tr>
<td>11:15 am</td>
<td>‡ María Isabel Castano - Genomic data reveals novel insights about the Flame-rumped tanager hybrid zone</td>
<td>‡ Samantha Elizabeth Apgar - Overlap among salt marsh nesting bird species, nest site, and structure hypervolumes suggests subtle differences</td>
<td>‡ David Chang van Oordt - Developmental cold exposure does not alter body temperature in Tree Swallow nestlings in the cold</td>
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<tr>
<td>11:30 am</td>
<td>Robert L. Curry - Effects of hybridization on chickadee spatial memory: a field test incorporating social network context in wild birds</td>
<td>‡ Casey Weissburg - Vegetation structure and predation risk drive Mountain Plover brood habitat selection</td>
<td>‡ Jennifer Hoults - Experimental cold exposure in adulthood increases the glucocorticoid sensitivity to future stressors</td>
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<tr>
<td>11:45 am</td>
<td>‡ Katie Ann Maddox - Space use by Loggerhead Shrikes as a window into the suitability of urban areas as habitat</td>
<td>‡ Kiirsti Owen - How colonial history has changed breeding patterns of the Acadian Nelson’s Sparrow in Atlantic Canada</td>
<td>‡ Mackenzie R. Roeder - Field thermography experiments confirm the role of tidal marsh sparrow bills in thermoregulation</td>
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<td>12:00 pm</td>
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<td>Lunch break</td>
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<tr>
<td>2:00 pm</td>
<td>** Symposium: Applications of the Northeast Motus Network in Bird Research and Conservation</td>
<td>Session 3: Habitat Relationships II</td>
<td>Session 6: Behavior I</td>
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<td>Mod</td>
<td>Heather Bateman</td>
<td>Jay J Falk</td>
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<tr>
<td>2:15 pm</td>
<td>** Michelle Angelucci Eshelman - Growth and history of the Northeast Motus Collaboration’s telemetry network</td>
<td>‡ Levi Sheridan - The Offshore Passerine: Interpreting the Songbirds of Great Duck Island, Maine</td>
<td>‡ Margaret Nina Boyle – Social network and dominance interactions in a mixed parid flock along the chickadee hybrid zone</td>
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<td>2:15 pm</td>
<td>Amber M. Roth - Fall migration timing and strategies for Bobolinks in the Northeast US</td>
<td>‡ Hannah Redmond - Colonization and local extinction of two Neotropical migrants in National Capital Region National Parks</td>
<td>Jay J Falk - The daily life of a hummingbird: Using RFID to track individual movement of the tiniest birds</td>
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<td>2:45 pm</td>
<td>** Carol R. Foss - Post-breeding, migration, and stopover behavior of Rusty Blackbirds</td>
<td>‡ Adrián Naveda-Rodríguez - Landscape composition but not configuration modulate annual survival of Turkey Vultures</td>
<td>‡ Sheila R. Moore - Off the wing: Patterns and preferences of wing folding in American Crows (<em>Corvus brachyrhynchos</em>)</td>
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<td>3:00 pm</td>
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<td>Jeff Spedelow – Roseate tern FILM Young of the year</td>
<td>‡ Marlene Walters - Urban dark-eyed juncos became less aggressive during the COVID-19 anthropause</td>
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<td><strong>Symposium: Applications of the Northeast Motus Network in Bird Research and Conservation</strong></td>
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<td>3:30 pm</td>
<td>Daniel Shustack</td>
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<td>3:45 pm</td>
<td>Dylan Titmuss</td>
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<td>3:30 pm</td>
<td><strong>Pamela Loring - Using Motus to track birds and bats offshore</strong></td>
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<td>3:45 pm</td>
<td>Lucas W. DeGroote - Tandem ground tracking of nanotagged Swainson’s Thrush reveal microhabitat associations in northwestern Pennsylvania</td>
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<td>4:00 pm</td>
<td>Nathaniel Selleck - Overwinter survival of a common migrant songbird in Middle Tennessee</td>
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<td>4:15 pm</td>
<td>Daniel Shustack - Dark-eyed Juncos (Junco hyemalis hyemalis) in western Massachusetts include year-round residents, winter residents and migrants</td>
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<td>4:30 pm</td>
<td>David I. King - Habitat associations of golden-winged warbler and blue-winged warblers during the non-breeding season</td>
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<td>4:45 pm</td>
<td>David Tyler Farris - Carolina Wren parental care in rural and urban habitats</td>
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<td>4:15 pm</td>
<td>Eliana Montenegro - Notes on parental care of cryptic terrestrial birds in the Ecuadorian Choco</td>
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<td>4:30 pm</td>
<td>Jay Wright - From selection to seedlings: Tracking the fate of chestnuts and acorns cached by Blue Jays (Cyanocitta cristata)</td>
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<td>4:45 pm</td>
<td>Brian Tsuru - Post-breeding ecology in the Prothonotary Warbler: Evaluating potential trade-offs between breeding, molt, and migration phenology</td>
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<td>5:00 pm</td>
<td>Jay Wright - From selection to seedlings: Tracking the fate of chestnuts and acorns cached by Blue Jays (Cyanocitta cristata)</td>
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<td>5:30 pm</td>
<td>Dinner break</td>
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<td>7:00 pm</td>
<td>Poster session I (professional ethics committee presentation)</td>
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<td>8:00 pm</td>
<td>Poster session I (professional ethics committee presentation)</td>
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<tr>
<td>9:00 am</td>
<td>Emily Choy - Plenary: Seabirds as</td>
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<td>Session 8: Community Ecology</td>
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<td>Julie Jedlicka</td>
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<td>‡ David Millican - Resource use and interspecific interactions in a Namibian</td>
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<td>cavity nest web</td>
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<td>Session 11: Song and Vocalizations I</td>
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<td>Joshua Burke LaPergola</td>
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<td>Special event: Meet the Ornithological Council’s Executive director Laura</td>
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<td>Bies and learn what the OC does for ornithology and AFO members</td>
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<td>‡ Savrina Salartash - Quantitative D note variation in Carolina, Black-capped,</td>
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<td>and hybrid chickadees</td>
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<td>‡ Andria Kroner Stafford - The vocal development of a Pacific Island corvid,</td>
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<td>the Åga (Corvus kubaryi)</td>
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<td>Julie Jedlicka - Arthropod identity matters in dietary studies of insectivorous</td>
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<td>birds: A Kenyan story</td>
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<td>‡ Lily A. Day - Vocal and non-vocal responses to song variation by hybrid-zone</td>
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<td>male chickadees in relation to their ancestry: An experimental approach</td>
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Wednesday, October 12th

6:00 am – 8:45 am: AFO birding bus to Manomet Inc & banding demo

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<tr>
<td>11:45 am</td>
<td></td>
<td>‡ Amanda Kate Kemp - Determination of the natal origins of White-crowned Sparrows <em>(Zonotrichia leucophrys)</em> using stable isotopes</td>
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<td>Joshua Burke LaPergola - Functionally referential signaling in the Greater Ani, a communally breeding cuckoo that lives in non-kin groups</td>
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<td>** Brad Winn - Fine-tuning a flyway: Implications for Conservation Delivery</td>
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<td>Alex Wilke - Using advanced technology to assess impacts of offshore wind development to migrating whimbrel</td>
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<td>Keegan Stansbury - Compensatory growth tradeoffs of experimentally induced asynchronous hatching in a songbird</td>
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<td>‡ Arthur Sanchez Jr. - Development of a rapid demographic monitoring protocol for the Saltmarsh Sparrow</td>
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<td>³ Arthur Sanchez Jr. - Development of a rapid demographic monitoring protocol for the Saltmarsh Sparrow</td>
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<td></td>
<td>Symposium: Uncovering Whimbrel Migration with Advances in Tracking Technology</td>
<td>Session 10: Breeding Biology II</td>
<td>Session 13: Foraging and Diet</td>
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<td>‡ Maina Handmaker - The daily commute: the influence of a central nocturnal roost on diurnal habitat selection strategies in Atlantic coast Whimbrel</td>
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<td>Dan Ardia - Comparative incubation behavior in Tachycineta swallows: Pace of life and egg temperature</td>
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<td>‡ Jennifer Jean Uehling - Predictors and consequences of diet variation in a declining generalist aerial insectivore</td>
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<td>Paula Cimprich - In-flight behaviors of Whimbrels during migration in the Central Flyway</td>
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<td>‡ Jenna Louise Alma - Investigating extrapair fertilizations in the Louisiana Waterthrush (<em>Parkesia motacilla</em>)</td>
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<td>Allyson K. Jackson - Preliminary data on terrestrial songbird diet reveals use of emergent aquatic insects in Acadia National Park</td>
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<td>Panel discussion</td>
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<td>Mark Erno Hauber - Pressure for rapid and accurate mate recognition promotes sexual dichromatism</td>
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<td>‡ Fawn Maika - The indirect effects of Btk (<em>Bacillus thuringiensis var. kurstaki</em>) on habitual diet in Bay-breasted and Cape May warblers</td>
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<td></td>
<td>Special event: Manomet documentaries on Whimbrel, American Golden-Plover &amp; Buff-breasted Sandpiper</td>
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<td></td>
<td>Special Event: Roundtable on inclusive ornithology teaching by Dan Ardia, David Chang van Oordt, and Jennifer Jean Uehling</td>
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<td>Poster session II Desserts served</td>
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** ** Symposium talks run for 20 minutes
‡ Considered for a student presentation award
** Symposium talks run for 20 minutes
‡ Considered for a student presentation award

Thursday, October 13th  
6:00 am – 8:45 am: AFO birding bus to Manomet Point

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<thead>
<tr>
<th>Time</th>
<th>Regency Ballroom</th>
<th>Wampanoag Room</th>
<th>Standish Room</th>
<th>Plympton Room</th>
<th>Atlantic Room</th>
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<tr>
<td>9:00 am</td>
<td>Katharine Parsons - Plenary: Wading bird populations: habitat contamination and natural resiliency</td>
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<td>10:30 am</td>
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<td>Continental breakfast and coffee break</td>
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<td>10:30 am</td>
<td>Session 14: Conservation I</td>
<td>Session 17: Use of Technology I</td>
<td>Session 20: Movements and Dispersal</td>
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<tr>
<td>11:00 am</td>
<td>Mod : Erik Johnson</td>
<td>Janice Enos</td>
<td>Peter W.C. Paton</td>
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<tr>
<td>11:00 am</td>
<td>Reed Bowman - Effects of climate, fire, and management on the recovery of a Red-cockaded woodpecker population</td>
<td>‡ Hailey Glasko – Unoccupied aerial vehicle use to study breeding marsh birds in Delaware, USA</td>
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<tr>
<td>11:15 am</td>
<td>‡ Frank N. Gigliotti - Testing the efficacy of saltmarsh restoration for a globally endangered species</td>
<td>Janice Enos - Biologically-salient frightening devices repulse red-winged blackbirds (<em>Agelaius phoeniceus</em>) from grain corn fields</td>
<td>‡ Sarah Fensore - Identifying key roost sites and their connectivity for swallows</td>
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<tr>
<td>11:30 am</td>
<td>‡ Melissa Grace Jernakoff - Effects of land-use change on the functional diversity and</td>
<td>‡ Jeffrey Thomas Larkin - Go big or go home: The use of ARUs to evaluate Whip-poor-will</td>
<td>‡ Edward Landi - Spatial partitioning of Cassin’s Sparrows (<em>Peequoa cassinnii</em>) breeding territories</td>
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** 8:30 pm  
10:00 pm  
AFO After Hours Social at the Mayflower Brewing Company  
* Buses leave Hotel 1620 at 8 and 9pm and return from Mayflower brewery at 8:45 and 10pm *
** Symposium talks run for 20 minutes
‡ Considered for a student presentation award

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<tr>
<td>12:00 pm</td>
<td></td>
<td>Erik Johnson - Rapid declines</td>
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<td>Peter W.C. Paton - Resighting</td>
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<td>of migratory songbirds indicate need for hydrological restoration</td>
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<td>band Roseate Terns on Great Gull Island to assess breeding phenology and survival</td>
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<tr>
<td>2:00 pm</td>
<td>Session 15: Conservation II</td>
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<tr>
<td>2:15 pm</td>
<td>Maria Lane MacIvor - Monitoring the occupancy of spruce budworm-linked warblers in response to budworm insecticides</td>
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<td>2:15 pm</td>
<td>Special event: Wildlife acoustics workshop (pre-registered on cvent)</td>
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<td>2:30 pm</td>
<td>W. Gregory Shriver - Estimating spatially explicit occupancy and density for a sharply declining marsh bird</td>
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<td>2:30 pm</td>
<td>Special event: Meet Journal of Field Ornithology's Editorial Board</td>
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<tr>
<td>2:45 pm</td>
<td>Mei-Ling Emily Feng - Conservation priorities benefiting biodiversity, climate mitigation, and human communities</td>
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<tr>
<td>3:00 pm</td>
<td>Angela Tringali - A restoration retrospective: using historical</td>
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<td>Chris S. Elphick - Synthesizing the ornithological literature: can</td>
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** Time

- **11:45 am to 12:00 pm:** Talks
- **12:00 pm to 1:00 pm:** Lunch break
- **1:00 pm to 3:00 pm:** Talks and special events

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** Mod

- Angela Tringali
- Chris S. Elphick

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** Session 15: Conservation II

- Maria Lane MacIvor - Monitoring the occupancy of spruce budworm-linked warblers in response to budworm insecticides
- W. Gregory Shriver - Estimating spatially explicit occupancy and density for a sharply declining marsh bird
- Mei-Ling Emily Feng - Conservation priorities benefiting biodiversity, climate mitigation, and human communities
- Angela Tringali - A restoration retrospective: using historical

** Session 18: Use of Technology II

- Evan Dalton - Using Double-crested Cormorant colonies to pilot two methods for monitoring environmental health.
- Alison R. Kocik - PIT Tags increase detection of tidal Marsh Sparrows attending nests without negatively impacting survival
- Danielle Schwartz - Collaborating across taxa: what ornithologists and entomologists have to offer each other
- Chris S. Elphick - Synthesizing the ornithological literature: can
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<td>habitat management records to understand recovery</td>
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**Session 16: Climate Change**

- **3:30 pm**
  - **Jessica N. Hightower** - Future habitat availability for an imperiled North American migrant, the Golden-winged Warbler, under future climate change scenarios

**Session 19: Migration and Stopover Ecology**

- **3:45 pm**
  - **Evan Adams** - The first documentation of the Nearctic-Paleotropical migratory route of the Arctic Warbler

- **Garrett Rhyne** - Assessing migratory connectivity in Swainson’s Warblers

**Session 21: Diseases and Parasites**

- **3:45 pm**
  - **Than J. Boves** - The impact of feather mites on avian hosts: context dependency, host specificity, and an experimental field test to assess a perplexing symbiosis

- **Alice M. Hotopp** - Microbial communities of tidal marsh sparrow plumage

**Mod**

- **3:30 pm**
  - **3:45 pm**
    - **Claire Varian Ramos** - Effects of drought on breeding populations of shortgrass prairie birds on the Pueblo Chemical Depot

- **3:45 pm**
  - **4:00 pm**
    - **Lisa Zinn** - Using the timing of juvenile captures and brood patch characteristics from mist netting to examine potential shifting in fledging and breeding times due to climate change.

- **4:00 pm**
  - **4:15 pm**
    - **Susan S. Pagano** - Spring migration stopover patterns in Canada Warblers (*Cardellina canadensis*) at a northern lakeshore site

- **4:15 pm**
  - **4:30 pm**
    - **David Yeany** - Assessing climate vulnerability of Pennsylvania’s peatland bird communities

**** Symposium talks run for 20 minutes

‡ Considered for a student presentation award

**Medha Pandey** - First detection of the invasive Asian Longhorned Tick on migratory passerines in the Americas
<table>
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<tr>
<th>Time</th>
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<tr>
<td>4:30 pm</td>
<td><strong>Symposium talks run for 20 minutes</strong></td>
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<tr>
<td>4:45 pm</td>
<td>‡ Joel Eckerson - Are morphometric changes in Saltmarsh Sparrows related to increasing temperatures over time?</td>
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<td>Desiree L. Narango - Can tree composition mitigate negative impacts of urbanization on en route migratory birds?</td>
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<td>‡ Gabrielle Mara Solomon - The effect of urbanization and parasitism on the gut microbiota of Darwin's finch nestlings</td>
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<td>4:45 pm</td>
<td>Silent auction final bids</td>
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<td>5:00 pm</td>
<td>Documentary Special event: <em>A Naturalist in the Rainforest: A Portrait of Alexander Skutch</em></td>
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<tr>
<td>6:00 pm</td>
<td>Break</td>
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<td>7:00 pm</td>
<td><strong>Banquet dinner and awards ceremony</strong></td>
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**Friday October 14th**

Other activities: Pelagic trip to Cape Cod Bay and Stellwagen Bank (be at dock by 9am); Workshop on Educational Outreach for Field Ornithologists (9am-12pm)

**Saturday October 15th**

Outer Cape Cod Birding trip

** Symposium talks run for 20 minutes
‡ Considered for a student presentation award
Poster presentation schedule

Tuesday, October 11th

Atlantic Room
7:00 pm – 8:00 pm

1. ‡ Natalie Jane Morris - No microbes? No problem...or is there?: Developmental trajectory of germ-free House Sparrow nestlings

3. ‡ Alexis Rachel Baum - Microplastic accumulation in terrestrial birds

5. Heather L. Bateman - Burrowing Owls on campus: inquiry-driven, field-based curriculum to connect university students to STEM fields

7. ‡ William Cayce Guy - Assessing waterbird conservation of alternative rice residue management strategies in the Lower Mississippi Alluvial Valley

9. ‡ Ty Spencer Sharrow - American Kestrels (*Falco sparverius*) as pest control agents in an agriculturally dominated landscape

11. ‡ Dorian Leigh Rose - Do avian community metrics vary more along forest edges than within interior tropical montane forest over 18 years?

** Symposium talks run for 20 minutes
‡ Considered for a student presentation award
13. ‡ Charlie Merlin Dramstadt - Bird community structure and ecological roles across a tropical forest regeneration chronosequence in the highly threatened Ecuadorian Chocó rainforest

15. ‡ Brendan Mulhall - Population and parasitism rate estimates for Black-capped Vireos in Kickapoo Caverns State Park

17. ‡ Isabel San Milan - Light inside the box: The effects of color on bird-window collisions in a translucent flight tunnel

19. Matthew A. Young - Initiating continental conservation of Evening Grosbeak: A road to recovery pilot project


23. ‡ Gabriella Orfanides - Stopover patterns and physiological condition of thrushes at a Lake Ontario stopover site in autumn

25. Nathan Adisu Engida - An analysis of the relationship between BirdNET Prediction score and accuracy

27. Ivy Ciaburri - Effects of environmental conditions on feather quality in the American Redstart

29. Richard Littauer - A proposal for renaming bill types of Bewick's Swans

31. ‡ Paula Brown - Secondary contact facilitates gene flow between island bird species

33. ‡ Sarah Bolinger - Using simulation to investigate storm-related bias to nest survival estimates in beach-nesting birds

35. ‡ Rosie Iris Chater - I’d hate to be youngest: Factors affecting fledging success in Herring Gulls on Mount Desert Rock

37. Emily Patterson - Using temperature loggers to assess female nest attentiveness in two tidal marsh sparrows

** Symposium talks run for 20 minutes
‡ Considered for a student presentation award
39. Leah Rudge - Distance to treeline negatively influences Eastern Meadowlark nest survival at Harpers Ferry National Park

41. Alexander Worm - Joint-nesting and cooperation between a Western Kingbird (*Tyrannus verticalis*) and a hybrid Western

43. ‡ Talia Marie Kuras - Effects of male Saltmarsh Sparrow home range size and space use patterns on reproductive success

45. ‡ Kayla M. Cannon - Double defense: Cooperative responses of mated Great Black-backed Gulls to a threat

47. ‡ Brandon Kyle Dunnahoo - Experimental tests for evidence of interspecific competition between two declining species, Chuck-will’s-widows (*Antrostomus carolinensis*) and Eastern Whip-poor-wills (*A. vociferus*).

49. Mcgovern Hadley Moore - Birds recognize alarm calls across species boundaries


53. Noelia Volpe – Improving flight skills in psittacid reintroduction projects

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**Wednesday, October 12th**

**Atlantic Room**

7:00 pm – 8:00 pm

2. ‡ Emily R. Donahue - High prevalence of neonicotinoid residues in a declining predatory songbird, the Loggerhead Shrike

4. ‡ Julian N Golz - The effect of air pollution on white-crowned sparrow condition during migration in Southern Colorado

6. ‡ Lauren Michelle Granger - Bird feeding and its potential effects on Northern Cardinal and Northern Mockingbird space use

**Symposium talks run for 20 minutes**

**Considered for a student presentation award**
8. ‡ Ketki Samel - Tolerance for urban development varies seasonally among Connecticut birds

10. Nicole Lussier - The composition of mixed-species bird flocks in four habitats in the southern Ecuadorian Andes

12. Jacob Carter Woodlief - The relationship between years of successional forest growth and avian species richness, abundance, and traits in a tropical rainforest

14. Natasha Lehr - Translocation as a potential tool for genetic rescue and recovery of the Florida Scrub-Jay


18. ‡ Forrest Robert Wallace - Assessing the distribution of a threatened marsh bird in the Everglades to inform conservation planning

20. ‡ Rosalyn Bathrick - Dowitcher deviations: Differences in southward migration strategies of Short-billed Dowitchers breeding in southern Alaska


24. ‡ Lauren Puleo - Should I stay, or should I go? Sex-specific effects on non-breeding ground departure in the Hudsonian Godwit

26. ‡ Natia Javakhishvili - Using autonomous recording technology to study occupancy and reproductive success of a forest raptor

28. Jameson Fales Chace - Breeding songbirds in refugia on an uninhabited island in Narragansett Bay

30. ‡ Kayla Louise Barton - Developing Genotyping-in-Thousands by sequencing panel to study adaptation in tidal marsh sparrows

32. ‡ Jonathan Clark - Exploring Genotype-Phenotype-Environment associations in the saltmarsh-adapted sparrows of eastern North America

** Symposium talks run for 20 minutes
‡ Considered for a student presentation award
34. David F. Brinker - Build an island - terns will come!

36. ‡ Jennifer MacDonald McNamara - The Herring Gulls home: Comparing fledging success across different habitats on Great Duck Island

38. ‡ Bailee Romaker - Evaluating nest box substrate preference of Eastern Bluebirds

40. Audrey Y. Su - Adult age recognition and provisioning rate in Tree Swallows

42. Tori Dwan Bakley - Social contexts of extra-pair paternity in Florida Scrub-Jays

44. ‡ Colton Bryce Adams - Anti-predatory responses of avian species as a function of successional regrowth habitat types

46. ‡ Jesus Alberto Cardenas - Testing the parental investment hypothesis in cavity nesting species

48. Caoimhe Edmark - Call structure variation in Carolina chickadees and black-capped chickadees as a function of ancestry: an experimental approach

50. Jay Mager - Foraging behavior varies with group size among Common Loons during the nonbreeding season

52. Zoe Korpi – Lake-crossing behavior of migratory songbirds: Assessing potential collision risk with offshore wind on Lake Erie

** Symposium talks run for 20 minutes
‡ Considered for a student presentation award