



## IGC Graduate Research Virtual Symposium

April 23, 2021

9:00 AM – 4:30 PM

- 9:00 – 9:15 am**      **Welcome** (Live, by Bill)
- 9:15 – 10:15 am**      **IGC Platform Presentations Session 1**  
***Moderator:* IGC Fellow Becca O’Brien**
- 9:15 – 9:30      **Meredith Semel (BIOL)** – Movement & foraging behavior of the critically endangered golden-crowned sifaka
- 9:30 – 9:45      **Kerry Gendreau (BIOL), Daniel Smith (BSE), Josh Rady (FREC) and Isaac VanDiest (BIOL)**  
- V-SCI: Connecting Science with Local Environmental Advocacy
- 9:45 – 10:00      **Suwei Wang (PHS)** - Climate change, time spent outdoors, and physical activity in a moist subtropical climate in the Southeast United States
- 10:00 – 10:15      **Sam Silknetter (BIOL)** – Evaluating scale dependence in assessments of intrinsic sensitivity
- 10:15 – 10:30 am      Break (15min)
- 10:30 – 11:30 am**      **IGC Platform Presentations Session 2**  
***Moderator:* IGC Fellow Nicole Ward**
- 10:30 – 10:45      **Noah McNeill (BIOL)** - Nonbreeding foraging ecology of the brown-headed nuthatch: resilience amidst habitat change
- 10:45 – 11:00      **Hye-jeong Seo (SPIA)** - Scientific Information about local environmental risks in newspapers: The case of the Radford Army Ammunition Plant
- 11:00 – 11:15      **Felipe Carvalho (FWC)** - Fishing gear selectivity of fish traits in coral reefs off northeastern Brazil
- 11:15 – 11:30      **Sara Cathey (BIOL)** - Experimental evidence that biodiversity stabilizes communities through asynchrony

11:30 – 12:30	Break (60min)
<b>12:30 – 1:30 pm</b>	<b>IGC Platform Presentations Session 3</b> <b><u>Moderator:</u> IGC Fellow Ariel Heminger</b>
12:30 – 12:45	<b>Leah Novak (BIOL)</b> – Pre-dispersal behavior of juvenile male red-cockaded woodpeckers: Enhancing connectivity
12:45 – 1:00	<b>Vasiliy Lakoba (SPES)</b> - Learning by doing: an IGC fellow’s experience in invasive species policy with a professional society
1:00 – 1:15	<b>Alaina Weinheimer (BIOL)</b> – Too big to see: large viruses are overlooked players in the ocean's nutrient cycles
1:15 – 1:30	<b>Samuel Lane (BIOL)</b> - Hypothalamic-pituitary-adrenal axis regulation and organization in urban and rural song sparrows
1:30– 2:00	Break (30min)
<b>2:00 – 3:00</b>	<b>Power Talks: Research</b> <b><u>Moderator:</u> GCC Coordinator Jess Zielske</b>
2:00 – 2:05	<b>Sara Teemer Richards (BIOL)</b> - Effects of temperature on contact rates in house finches
2:05 – 2:10	<b>Macy Kailing (BIOL)</b> - Sex-biased infections and mortality in a multi-host fungal pathogen of bats
2:10 – 2:15	<b>Amanda Pennino (FREC)</b> – Mineral weathering rates drive ecosystem recovery
2:15 – 2:20	<b>Korin Jones (BIOL)</b> – Community Assembly in the Amphibian Microbiome
2:20 – 2:25	<b>Mary Lofton (BIOL)</b> - Thermocline deepening deepens maximum phytoplankton biomass and affects community phytoplankton community structure in a eutrophic reservoir
2:25 – 2:30	<b>Chloe Moore (BIOL)</b> - Redundant or complementary? Identifying patterns of multifaceted frog and toad biodiversity in the United States
2:30 – 2:35	<b>Sarah Kuchinsky (BSP)</b> – How much is enough? Determining the minimum infectious threshold for Usutu virus transmission between birds and biting <i>Culex</i> mosquitos
2:35 – 2:40	<b>Lauren Maynard (BIOL)</b> - Cascading consequences of climate change on plant traits and herbivore interactions in the tropics
2:40 – 2:45	<b>Melissa Burt (BIOL)</b> - Edge-dependent effects of corridors on seed dispersal by ants
2:45 – 2:50	<b>Brenen Wynd (GEOS)</b> - Including distorted specimens in allometric analyses: using generalized linear mixed models to account for sample deformation

- 2:50 – 2:55 **Kerry Gendreau (BIOL)** – Using temperature sensors to monitor water availability in temporal ponds
- 2:55 – 3:00 **Isaac VanDiest (BIOL)** - Effects of Urbanization on the Nestling Nutrition of Song Sparrows
- 3:00 – 3:30 Break (30min)
- 3:30 – 3:50**
- Power Talks: Meet the newest IGC Fellows**
- Abigail Belvin (ENTO)** – Working with Dr. Sally Entrekin
- Jordan Coscia (SPES)** – Working with Dr. Leighton Reid
- Stephanie Duston (FREC)** – Working with Drs. Brian Strahm and Brian Badgley
- Luke Goodman (BSE)** – Working with Dr. Durelle Scott
- Amanda Hensley (TBMH)** – Working with Dr. Kathy Hosig
- Bailey Howell (BIOL)** – Working with Dr. Josef Uyeda
- Namrata Shanmuk Panji (CEE)** – Working with Dr. Gabriel Isaacman-VanWertz
- Brendan Shea (FWC)** – Working with Dr. Francesco Ferretti
- Charles Sterling (BSE)** – Working with Dr. Leigh-Anne Krometis
- Forde Upshur (BIOCHEM)** – Working with Dr. Chloé Lahondère
- Tyer Weiglein (FREC)** – Working with Drs. Brian Strahm and Kevin McGuire
- 3:50 – 4:05**
- IGC Peer Mentoring Program Overview**  
By IGC Fellows Jess Hernandez (BIOL), Brenen Wynd (GEOS) and Jenn Brousseau (FREC)
- 4:05 – 4:30**
- Best Presentation Awards Announcement**