



## NORTHEAST PARTNERS IN AMPHIBIAN AND REPTILE CONSERVATION

2019 Annual Meeting – July 17 to July 19

Stockton University, New Jersey



**Wednesday July 16<sup>th</sup> - Room Check-in from 3:00pm to 9:30pm at the Campus Center**

**Wednesday July 17<sup>th</sup>**

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***Pre-meeting activities:***

- 8:00am – 9:00pm      *REGISTRATION and CHECK-IN* (Campus Center)
- 9:00am – 4:00pm      Workshops and Field Trips (Campus Center)
- 4:00pm – 5:30pm      **State Biologists Meeting** – Roundtable Discussion (Campus Center – Event Room A)
- 6:00pm – 9:30pm      *SOCIAL Dinner (provided with registration)* and Cocktails (Beer & Wine for the night \$10/person, age 21 and over) (Campus Center – Event Room A)

**Thursday July 18<sup>th</sup> (Campus Center – Event Room A)**

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- 7:00am – 8:00am      *BREAKFAST (provided with registration)*
- 8:00am – 8:30am      *REGISTRATION and CHECK-IN (Set Up Posters and Silent Auction)*
- 8:30am – 8:45am      **Welcome and Meeting Info** – Noelle Rayman-Metcalf (NEPARC co-chair; U.S. Fish and Wildlife Service) and Dave Golden (Director, New Jersey Division of Fish and Wildlife)
- 8:45am – 9:00am      **What is PARC?** – Noelle Rayman-Metcalf (NEPARC co-chair; U.S. Fish and Wildlife Service)
- 9:15am – 9:45am      **Introduction of Steering Committee and Around the Room** – Noelle Rayman-Metcalf (NEPARC co-chair; U.S. Fish and Wildlife Service)
- 9:45am – 10:00am      **Diversity, Equity, and Inclusion Presentation** – David Muñoz (Penn State University)
- 10:00am – 10:15am      **Update on On-going NEPARC Projects**
- 10:15am – 10:45am      **AI's Annual Regulatory Update** – Al Breisch (Roosevelt Wildlife Station)
- 10:45am – 11:00am      *BREAK (Set Up Posters)* – Silent Auction Begins



### Oral Presentations

11:00am – 12:00pm **Presentations (30 minutes each)**

- **John (J.D.) Kleopfer** – *Collaborative Conservation Planning in the Northeastern United States: Regional Conservation Needs Grant Program*– **Virginia Department of Game and Inland Fisheries**
- **Kurt A. Buhmann** – What Keeps Me Up at Night? Thoughts on Improving the Long-term Outlook for Turtles and Other Herpetofauna – **University of Georgia**

12:00pm – 1:00pm LUNCH (provided with registration)

1:00pm – 2:20pm **Presentations (20 minutes each)**

- **Aaron. B. Stoler** – Ecotoxicology effects of microplastics in freshwater wetlands – **Stockton University**
- **Andrew Adams** – Don't Tread on Me: An Examination of the Anti-Predatory Behavior of Eastern Copperheads (*Agkistrodon contortrix*) – **Susquehannock Wildlife Society**
- **Ariel Kruger** – Predators Induce Morphological Changes in Tadpoles of *Hyla andersonii* – **Rutgers University**
- **Stephen Ressel** – How Salt Tolerant Are Amphibians? Insights from A Spotted Salamander (*Ambystoma maculatum*) Population that Breeds Next to the Open Ocean – **College of the Atlantic**

2:20pm – 2:30pm *BREAK*

2:30pm – 3:30pm **Presentations (20 minutes each)**

- **Colin P. Osborn** – Notable and Unusual Observations of Bog Turtles (*Glyptemys muhlenbergii*) from Long-term, Intensive Studies at Three Northeast National Wildlife Refuges – **U.S. Fish and Wildlife Service**
- **Jonathan Drescher-Lehman** – Long-distance and Fine-scale Movements of Wood Turtles (*Glyptemys insculpta*) in Virginia and Minnesota – **Smithsonian Conservation Biology Institute**
- **Brian Williamson** – Examining Movements of Juvenile and Adult Diamondback Terrapins (*Malaclemys terrapin*) Using Novel Radio Telemetry Methods – **The Wetlands Institute**

3:30pm – 5:00pm Working Group Breakout Sessions – I

- Diversity, Equity, and Inclusion Task Team
- Emerging Diseases
- Collaborative to Combat the Illegal Turtle Trade (CCITT) and Turtle PIT tag/Blood Draw Demo/Training

5:00pm – 6:00pm Poster Session/Cocktail Hour (Beer & Wine for the night \$10/person, age 21 and over) (Campus Center – Event Room A)

6:00pm – 7:00pm DINNER (provided with registration) (Campus Center – Event Room A)

7:00pm – 7:15pm NEPARC Conservation Award Ceremony (Campus Center – Event Room A)

7:30pm – 8:30pm ***Evening Speaker*** – Liz Willey (Antioch University/American Turtle Observatory)

**Leveraging 20 Years of NEPARC Partnerships: Where from Here for Turtle Conservation?**



## Friday, July 19<sup>th</sup> (Campus Center – Event Room A)

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7:00am – 8:00am BREAKFAST (provided with registration) (Campus Center – Event Room A)

8:15am – 8:25am **Announcements** – Anne Stengle (NEPARC co-chair, Holyoke Community College)

### Oral Presentations

8:30am – 9:30am **Lieutenant Mark Cagle and Captain Robert Wayne** – Enforcing laws and rules protecting reptiles and amphibians against illegal trafficking in Eastern North Carolina through a variety of law enforcement methods – **North Carolina Wildlife Resources Commission.**

9:30am – 9:50am **Presentations**

- **James T. Julian** – Field, Laboratory, and Statistical Considerations When Using Environmental DNA To Detect Amphibian Pathogens – **Penn State University-Altoona College**

9:50am – 10:15am *BREAK*

10:30am – 12:00pm Working Group Breakout Sessions – II

- Turtle Working Group

12:00pm – 1:00pm *LUNCH (provided with registration)* – Silent Auction ends

1:00pm – 2:00pm **Presentations (20 minutes each)**

- **Nicole Fusco** – Exploring Genetic Connectivity of Stream Salamander Populations within Stream Systems in the New York City Metropolitan Area – **Fordham University**
- **Brian Zarate** – A Roadway Wildlife Passage System Constructed and Monitored for Bog Turtles (*Glyptemys muhlenbergii*) in New Jersey – **New Jersey Division of Fish & Wildlife**
- **Allegra Mitchell** – Quantifying Road Mortality in Preparation of an Amphibian Passage System Installation – **Conserve Wildlife Foundation of New Jersey**

2:00pm – 2:15pm *BREAK and Distribute Silent Auction Items*

2:15pm – 2:55pm **Presentations (20 minutes each)**

- **Eaqan A. Chaudhry** – Dietary Niche Overlap and Potential Partitioning Between The Endangered Spotted Turtle (*Clemmys guttata*) and Other Turtle Species – **Salisbury University**
- **Hannah G. Small** – Habitat Parameters and Pond Occupancy of The Eastern Tiger Salamander (*Ambystoma tigrinum*) in Maryland and Delaware – **Salisbury University**

2:55pm – 3:30pm **Breakout Sessions Wrap-up**

3:30pm – 4:00pm **NEPARC Business** – Student Presentation Awards, New co-chair, Steering Committee changes, Meeting Likes/Dislikes, 2020 NEPARC meeting location and topic suggestions

**Annual Meeting Ends**