



TIMUCUAN

SCIENCE AND HISTORY

S Y M P O S I U M

April 28, 2022, Ribault Club, Jacksonville, Florida

Agenda	
Emcee: R. Steven Kidd, Timucuan Ecological and Historic Preserve	
8:30 – 9:00 a.m.	Registration and Light Breakfast Sponsor tables are located in the front hall. All oral sessions will be in the Ballroom. The posters will be in the Hall and Dining Room Foyer.
9:00 – 9:15 a.m.	Welcome Mark Middlebrook, Executive Director, Timucuan Parks Foundation Michelle Waterman, Park Manager, Talbot Islands State Parks Chris Hughes, Superintendent, Timucuan Ecological & Historic Preserve
9:15 – 9:30 a.m.	Update on Research and Projects at Timucuan Ecological & Historic Preserve R. Steven Kidd Timucuan Ecological and Historic Preserve
9:30 – 10:15 a.m.	Session I: Paper Presentations Moderator: Rodney Collazo Location: Ballroom People on the Move: The Civil War-Era Experience of Black Enslaved Laborers at Timucuan Ecological and Historic Preserve Keith Hébert, Peter Thomas, Matthew Roberts Auburn University Thoughts on Fort Caroline: An Archaeological Perspective Robert Thunen University of North Florida Archaeology Lab Shipwrecks, Shell Middens, and Eroding Shorelines: A Look at Heritage at Risk at Talbot Island State Parks Emily Jane Murray, Sarah E. Miller, Emma Dietrich Florida Public Archaeology Network

Agenda	
10:15 – 10:30 a.m.	Q & A Session I
10:30 – 10:45 a.m.	Morning Break
10:45 – 11:45 a.m.	<p style="text-align: center;">Session II: Paper Presentations Moderator: Fiona Southwell Location: Ballroom</p> <p>Marching Mangroves: The Hunt for the Northernmost Mangrove William Vervaeke, Fiona Southwell, E. Claire Schmidt National Park Service, Southeast Coast Network</p> <p>Quantifying Potential Coastal Wetland Transgression in and around the Timucuan Ecological and Historic Preserve Nicholas Enwright, Richard H. Day, William C. Vervaeke, Brett A. Patton, Hana R. Thurman, Michael J. Osland, Gordon H. Anderson, Davina L. Passeri U.S. Geological Survey, Wetland and Aquatic Research Center</p> <p>Thin Layer Placement for Increasing Marsh Resilience: Keeping Sediment in the System Peggy Mullin University of North Carolina at Chapel Hill</p> <p>Restoring Coastal Habitats for History and for Today Kelly Smith University of North Florida</p>
11:45 – 12:00 noon	Q & A Session II
12:00 - 12:15 p.m.	Group Photo
12:15 – 1:00 p.m.	Lunch Location: Dining Room

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Session III: Poster Session & Networking

Location: Hall / Dining Room Foyer

Sarabay Subsistence

Alexander Diaz & Jacqueline Meier
University of North Florida

Ocean Acidification Monitoring with NOAA at Timucuan Ecological and Historical Preserve, Florida

Eva DiDonato, Leticia Barbero, Denis Pierrot,
Nina Loutchko, Field Peterson
National Park Service, Southeast Coast Network

Water Quality Assessment of Timucuan Ecological and Historic Preserve Using an Eastern Oyster (*Crassostrea virginica*) Embryo Toxicity Assay

Murphy McDonald, Lisa May, Ron Kothera, Zachary Moffitt,
C. Anna Toline, Cheryl M. Woodley
National Oceanic and Atmospheric Administration

1:00 - 1:30 p.m.

Conveying Historical Narratives using ArcGIS Storymaps: The Story of Jacksonville's Spanish American Battery

Erin Ogrodnik & Eleanor Ascheman
University of North Florida

Patterns of Mangrove Encroachment Between Sites in Northeast Florida

Justin Robbins
Villanova University

Indigenous Northeast Florida through Digital Humanities

Amarilys Sanchez
University of North Florida

South Atlantic Coastal Study (SACS): Amelia Island and Timucuan Ecological and Historic Preserve Risk Characterization

Kip Webber
U.S. Army Corps of Engineers

Agenda	
1:30 - 2:30 p.m.	<p>Session IV: Paper Presentations Moderator: Maria Mark Location: Ballroom</p> <p>Indigenous Fort Caroline Denise Bossy University of North Florida</p> <p>Decolonizing the Past Through Digital Humanities: Fort Caroline as a Case Study Laura McNeil, Tanner Anderson, Emily Cottrell, Amariyls Sanchez University of North Florida</p> <p>A Return to Sarabay: UNF Excavations at a Mocama Indian Community Keith Ashley University of North Florida</p> <p>The Wilderness and Willie Browne Timothy Gilmore Florida State College at Jacksonville</p>
2:30 – 2:45 p.m.	Q & A Session IV
2:45 – 3:00 p.m.	Afternoon Break & Evaluations
3:00 – 3:30 p.m.	<p>Session V: Paper Presentations Moderator: Maria Mark Location: Ballroom</p> <p>Mechanisms that Reduce Gene Flow Between Populations of the Indigenous Gall Midge <i>Asphondylia borrichiae</i> Tony Rossi University of North Florida</p> <p>A Diversity Survey of Fungal Endophytes Associated with <i>Asphondylia borrichiae</i> and their Host Plants: An Introduction to a Work in Progress and New Techniques Shannon Sharpe University of North Florida</p>
3:30 – 3:45 p.m.	Q & A Session V
3:45 p.m.	Closing Remarks, Evaluations, Adjourn