

BAYOU STUDIES CONFERENCE

PRESENTED BY THE CENTER FOR BAYOU STUDIES

Saturday, February 15th, 2025

South Lafourche High School | Galliano, Louisiana

9:00 AM – 4:30 PM



SCHEDULE OF EVENTS

PODIUM PRESENTATIONS

9:00 AM

WELCOME

Dr. Gary LaFleur, Jr., Director, Center for Bayou Studies, Nicholls

9:05 AM

THE LAST ACADIAN COAST: A SETTLEMENT MODEL FOR THE LAFOURCHE WETLANDS

Dr. John P. Doucet, Center for Bayou Studies, Nicholls

9:30 AM

CANVASING THE BAYOU: IMAGINING THE FUTURE OF COASTAL LOUISIANA

Dr. Brandon Folse, University of Oregon, Nicholls alumnus

9:55 AM

SCARRED MARSH: HISTORIOGRAPHY ON THE ORIGINS OF GOLDEN MEADOW AND YANKEE CANAL

Dr. John P. Doucet, Center for Bayou Studies, Nicholls

10:20 AM

COFFEE BREAK & POSTER VIEWING (20 MIN)

10:40 AM

ART RESTORATION AT CHAUVIN SCULPTURE GARDEN TO MITIGATE DAMAGE FROM HURRICANE IDA

Dr. Gary LaFleur, Jr., Center for Bayou Studies, Nicholls; Jeff Brown, Dept. Art, Nicholls; Greg Elliott, University of Texas—San Antonio; Dennis Sipiorski, Southeastern Louisiana University; Kimberly Arp, Louisiana State University

11:05 AM

18TH-CENTURY NATURALISM, SICKNESS, AND BAYOU DOCUMENTATION: WILLIAM BARTRAM'S OTHERWORLDLY VISIONS OF LOUISIANA

Dr. Michael S. Martin, Dept. English, Modern Languages, & Cultural Studies, Nicholls

11:30 AM

THE IMPORTANCE AND INFLUENCE OF SALINITY TO LOUISIANA'S OYSTER RESOURCES

Dr. Earl Melancon, Louisiana Sea Grant College Program, Louisiana State University, & Dept. Biological Sciences (emeritus), Nicholls

11:55 AM

LUNCH BREAK & POSTER VIEWING (65 MIN)

1:00 PM

THE CHERAMIE & COLIN FAMILY OF RANDOLPH'S RESTAURANT

Chef Randolph J. Cheramie, Jr., Chef John Folse Culinary Institute, Nicholls

1:25 PM

ARISTOCRACY IN THE ALLUVIAL: NOBLES ON THE BAYOU

Dr. Robin White, Dept. English, Modern Languages, & Cultural Studies, Nicholls

1:50 PM

POUR NOS LANGAGES: A SUMMIT FOCUSED ON CURRENT DATA, ADVOCACY, COMMUNITY, AND ECONOMIC DEVELOPMENT FOR FRENCH IN COASTAL LOUISIANA

Amy Monier, Independent Scholar

2:15 PM

COFFEE BREAK & POSTER VIEWING (20 MIN)

2:35 PM

LOUISIANA'S CRAWESOME CRITTERS: A POT OF FACTS ABOUT OUR FAVORITE CRAWFISH

Dr. Chris Bonvillain, Dept. Biological Sciences, Nicholls

3:00 PM

INCORPORATION OF HEAVY METALS INTO THE SHELL OF THE BLUE CRAB, *Callinectes sapidus*, AND THEIR IMPACT ON POSTECDYSIAL MINERALIZATION

Dr. Enmin Zou, Dept. Biological Sciences, Nicholls

3:25 PM

VALUE OF LOUISIANA'S WETLANDS IN REMOVING ANTIBIOTICS AND ANTIBIOTIC RESISTANT BACTERIA

Dr. Raj Boopathy, Dept. Biological Sciences, Nicholls

3:50 PM

CLOSING NOTES

Dr. Gary LaFleur, Jr.

POSTER PRESENTATIONS

1. LACTATE DEHYDROGENASE IN FIDDLER CRABS AS A BIOMARKER OF ENVIRONMENTAL HEALTH IN SE LOUISIANA

Dr. Abby L. Adams, Lily Siddon, Nasrine Ningbinnin, Justin Prejeant, Dept. Chemistry & Physical Sciences & Dept. Biological Sciences, Nicholls

2. OUTREACH AND ENVIRONMENTAL STEWARDSHIP THROUGH HEAD-STARTING DIAMONDBACK TERRAPIN

Claire Boudreaux & Dr. Timothy Clay, Dept. Biological Sciences, Nicholls

3. UTILIZING RETROELEMENT SEQUENCES TO GENETICALLY DIFFERENTIATE RECENTLY DIVERGED CRAWFISH POPULATIONS

Ruth Boquet & Dr. Sarah Bergeron, Nicholls

4. MONITORING FAUNA ASSEMBLAGES AT VARIOUS LEVELS TO COMPARE CONSTRUCTED TERRACES AND ORIGINAL MARSH FOR A RESTORATION PROJECT WITHIN THE BTES

Michelle Lignieres, Dr. Quenton Fontenot, & Dr. Gary LaFleur, Jr., Dept. Biological Sciences, Nicholls

5. MEDICAL FORENSICS OF A 1940s SUGAR MILL INFIRMARY IN SOUTHEAST LOUISIANA

Holly Dicharry & Dr. John P. Doucet, Dept. Biological Sciences, Center for Bayou Studies, & the University Honors Program, Nicholls

6. A NEW AUTOSOMAL DOMINANT SYNDROME OF DERMATOGLYPH HYPOPLASIA

Dr. John. P. Doucet, Dept. Biological Sciences, Center for Bayou Studies, Nicholls; Dr. Yves Lacassie, LSU Health Sciences Center, New Orleans

7. TOWARD MOLECULAR MECHANISMS FOR HISTORICAL HOUMA INDIAN CURATIVES

Christopher Oubre, Anthony Naquin, & Dr. John P. Doucet, Dept. Biological Sciences, Center for Bayou Studies, & the University Honors Program, Nicholls

8. **DEVELOPING A DATABASE USING MAXQDA FOCUSING ON HEALTH CORRELATIONS WITH OIL AND GAS WASTE FACILITIES IN LOUISIANA**
Taylor Thibodaux, Center for Bayou Studies, Nicholls; Dr. Shana Walton, Dept. English, Modern Languages, & Cultural Studies, Nicholls; & Dr. Gary LaFleur, Jr., Center for Bayou Studies, Nicholls
9. **TOWARD A LOUISIANA COASTAL WETLANDS LITERATURE**
Dr. John P. Doucet, Center for Bayou Studies, Nicholls
10. **NAUTICAL ANCESTRY OF LAFOURCHE-TERREBONNE**
Gwyneth Engeron & Dr. John P. Doucet, Center for Bayou Studies, Nicholls
11. **BUILDING COMMUNITY TO SAVE CULTURE: THE BAYOU CULTURE COLLABORATIVE**
Dr. Gary LaFleur, Jr., Center for Bayou Studies, Nicholls; Dr. Shana Walton, Dept. English, Modern Languages, and Cultural Studies, Nicholls; Jonathan Foret, South Louisiana Wetlands Discovery Center; Maida Owens, Louisiana Office of Folklife; Rachel Doherty, University of Louisiana—Lafayette
12. **CURATION OF A DISAPPEARING COAST: THE EFFORT TO CREATE A DATABASE OF RESEARCH ABOUT COASTAL LOUISIANA**
Dr. Gary LaFleur, Jr., Center for Bayou Studies, Nicholls; Dr. Shana Walton, Dept. English, Modern Languages, & Cultural Studies, Nicholls; & the BOEM Digital Curation Team: Dustin Reuther and John Primo, BOEM; Harry Luton, Don Callaway, Michael Saunders, & Jamie Digilormo, Independent Scholars
13. **RHETORICAL MAPPING: OIL, LAND, AND PEOPLE IN SOUTH LOUISIANA**
Dr. Scott D. Banville, JD Johnson, Brittney Courteaux, Kelli Sarre, & Lexi Marcell, Nicholls
14. **REBUILDING THE BOOT: A CAMPAIGN TO RESILIENTLY REBUILD COASTAL LOUISIANA**
Nicki Boudreaux, Dept. Mass Communication, Nicholls
15. **THE COASTAL CENTER AT NICHOLLS**
Laci Melancon, The Coastal Center, Nicholls, & Dr. John P. Doucet, College of Sciences & Technology, Nicholls
16. **THE RIG BUILDERS OF COASTAL LAFOURCHE**
Dr. John P. Doucet, Center for Bayou Studies, Nicholls
17. **BLOOD AND BAY: ESSENTIAL NETTING PRACTICES IN CELL-MEDIATED IMMUNITY AND COASTAL LOUISIANA**
Dr. Bliss Broussard, Breanna Gros, Ethan Ordoyne, & Dr. John P. Doucet, Dept. Biological Sciences, Nicholls
18. **INVESTIGATING OIL CONTAMINATION AND *VIBRIO VULNIFICUS*: POTENTIAL IMPACTS ON LOUISIANA'S OYSTER INDUSTRY AND ECONOMY**
Raleigh Billiot, Lauren Bishop, & Dr. Bliss Broussard, Dept. Biological Sciences, Nicholls
19. **BUILDING STEWARDSHIP OF THE LOUISIANA COAST BY COMBINING SCIENCE AND ART**
Dr. Gary LaFleur, Jr., Center for Bayou Studies, Nicholls; Dennis Sipiorski, Nicholls; Daniel Kariko, School of Art and Design, East Carolina University; Nicole Cotten, Nicholls; & Murt Conover, LUMCON
20. **PREVALENCE OF BARNACLES ON DIAMONDBACK TERRAPIN (*Malaclemys terrapin*) IN RELATION TO SEX AND POPULATION**
Lucas M. Futey & Dr. Timothy A. Clay, Dept. Biological Sciences, Nicholls
21. **EFFECT OF A CONSTRUCTED WETLAND IN REDUCING NUTRIENTS, FECAL COLIFORMS BACTERIA, AND ANTIBIOTIC RESISTANCE**
Karishma Nathaniel, Carley Pinel, & Dr. Raj Boopathy, Nicholls