

LOUISIANA Environmental Education STATE SYMPOSIUM



FEBRUARY 19-20, 2016
BATON ROUGE MARRIOTT
5500 Hilton Avenue, Baton Rouge



HOSTED BY :



wlf.louisiana.gov/eec

Thank you, symposium sponsors.



FRIDAY Short Course Sessions

LEADING PRESCHOOLERS IN EXPLORATION

Grade Levels: Pre-K-1 *Location:* Bluebonnet Swamp Nature Center

Presenters: Kellea LeBlanc, Kathrin McGregor, and Brenda Nixon. Sponsored by the LSU/SU Regional Collaborative for Excellence in Science and Mathematics Teaching

GREEN SCHOOLS TOUR

Grade Levels: Pre-K-12 *Location:* Van leaves from the Marriott

Presenters: Brian Gautreau, Louisiana Green Ribbon Schools Coordinator & Angela Capello, Louisiana Department of Wildlife and Fisheries Wildlife Educator

WATERSHED WEBS

Grade Levels: 5-12 *Location:* Louisiana Department of Wildlife and Fisheries Headquarters

Presenters: Dinah Maygarden, UNO's Coastal Education Program & Thomas Gresham, Assistant Environmental Education Coordinator

DISCOVERING BIODIVERSITY

Grade Levels: K-8 *Location:* Waddill Outdoor Education Center

Presenter: Carrie Salyers, Louisiana Department of Wildlife and Fisheries Wildlife Threatened and Endangered Species Educator, Eric Baka, Red Cockaded Woodpecker Safe Harbor Coordinator & Heather Egger, Assistant Extension Agent 4-H Plaquemines Parish

OCEAN EXPLORATION

Grade Levels: 5-12 *Location:* Baton Rouge Marriott Azalea Room

Presenter: Murt Conover, LUMCON Senior Marine Educator

SYMPOSIUM Agenda

Friday, February 19, 2016

8:00 a.m. - 3:30 p.m.*

*Times may vary.

4:00 p.m. - 5:00 p.m.

5:00 p.m. - 8:00 p.m.

6:00 p.m. - 8:00 p.m.

Short Courses and Tours (Listed Left)

LEEC Meeting

Registration — Foyer

Evening Mixer / Meet the Exhibitors / Poster
Session Showcase — Salons III & IV

Saturday, February 20, 2016

7:00 a.m. - 8:00 a.m.

7:30 a.m. - 2:00 p.m.

8:00 a.m. - 8:50 a.m.

9:00 a.m. - 10:00 a.m.

10:00 a.m. - 10:50 a.m.

11:00 a.m. - 11:50 a.m.

12:00 p.m. - 12:30 p.m.

12:30 p.m. - 1:30 p.m.

1:30 p.m. - 2:20 p.m.

2:30 p.m.

Registration — Foyer

Continental Breakfast — Salons III & IV

Exhibit Hall Open — Salons III & IV

Concurrent Session 1

Keynote & Recognitions — Salons I & II

Concurrent Session 2

Concurrent Session 3

Exhibitor Showcase — Salons III & IV

Banquet & LEEA Meeting — Salons I & II

Concurrent Session 4

Grand Door Prize — Salons I & II

KEYNOTE Speaker



CC Lockwood has lived and worked in fragile ecosystems whose preservation shapes his artistry. Through words and images, he has captured the unique sense of space in wild places as diverse as Louisiana swampland and the rugged back country of the American West. His work has earned him international acclaim as an environmental artist, including the Sierra Club's Ansel Adams Award for conservation photography. Lockwood's work continues to reflect changes and perils in the natural world. His newest book, *Louisiana Wild: The Protected and Restored Lands of the Nature Conservancy*, was published in September 2015.

Lockwood moved to Louisiana in 1967 to attend Louisiana State University, where he received his B.S. in Finance in 1971. During his early years in Louisiana, he fell in love with the state's swampy backcountry and he abandoned plans for a career in business as soon as he graduated. He taught himself photography and headed for wild places, determined to make a living capturing images of nature. Much of this time has been on a houseboat.

He is also the co-founder of several environmental organizations, including the Baton Rouge Audubon Society, The Clean Team, and Marsh Mission.

9 a.m. Saturday, Feb. 20 — Salons I & II

POSTER Session Showcase

LEEC RESEARCH GRANT RECIPIENTS

Warwick Allen, LSU — *The Role of Soil Biota, Nutrient Availability and Competition in Wetland Plant Invasions*

This project aims to examine whether soil biota, nutrient availability, and interspecific plant competition interact with one another in complex ways to influence plant invasions. These questions are addressed using the species *Phragmites australis* (invasive) and *Spartina alterniflora* (native) in a large-scale soil sterilization experiment.

Alex Ameen, Tulane — *Identifying Spatial and Temporal Trends in a Freshwater Wetland Seed Bank*

A description of techniques used to sample and characterize the underground seed bank, how changes in both space and time can be used to infer mechanisms by which new vegetation arises in a marsh, and how these patterns can be used to improve management and restoration activities.

Andrew Flick, LSU — *The Effects of Predation on Disease Transmission in the Soybean Looper*

Understanding disease transmission has important consequences for many things, including species management and biocontrol. I am investigating the way in which a predator changes disease spread in a pest population. I have found predators do not distinguish between healthy and infected prey, and caterpillars do not avoid areas with disease.

Sarah Giltz, Tulane — *Effects of Ocean Acidification on Intermolt Duration and Growth of the Juvenile Blue Crab in the Northern Gulf of Mexico*

Presently the average pH of the ocean is 8.1, 30% down from the beginning of the industrial revolution and is forecasted to drop to 7.8 by 2100. Decreasing pH causes dissolution of calcium carbonate shells, but the overall effects on crustaceans, such as blue crabs, are unknown. This study investigated the effect of a lower pH environment on the growth, survival, carapace hardness and molt frequency of larval and juvenile blue crabs in the Northern Gulf of Mexico.

Rachel Harman, LSU — *Density Dependent Dispersal Effects on Population Dynamics*

Dispersal can have major consequences on individual fitness, population dynamics, and species' distribution. Besides positive density dependent dispersal (DDD), it is completely unknown how different forms of DDD affect populations. This study tests if patch level dispersal can be expected from DDD, specifically negative or U-shaped.

Michael Henson, LSU — *Understanding Microbial Communities on the Louisiana Coast and Identifying Potential Indicators Species that Relate to Environmental Eutrophication*

Microorganisms are the first responders to environmental change; therefore, understanding their responses to disturbances in the Gulf of Mexico and its surrounding wetlands is essential to gaining insight into their potential impact on fisheries, ecosystem health, and coastal restoration. This project aims to establish the baseline information necessary to understand about the microbial communities and identify potential key indicators that a disturbance may be occurring.

Katherine Hovanes, LSU — *Effect of Spatial Pattern of a Dominant Competitor on Community Assembly Processes*

Investigating the generation of non-random spatial patterns in nature and the consequences of those patterns for community structure. My dissertation explores the development of regular spatial patterns of dominant bunchgrasses in pine savannas as well as how those regular spatial patterns affect community assembly of subordinate plant species.

Zhen Xu, LSU — *Assessment of Stable Isotopes of Dissolved Inorganic Carbon in Catahoula Lake*

Dissolved inorganic carbon (DIC) is one of the most active components in the lacustrine carbon species. The stable isotopic composition of DIC ($\delta^{13}\text{CDIC}$) reflects contributions of DIC from different sources with distinct isotopic compositions and is influenced by biogeochemical processes in the water. In this study, concentration and $\delta^{13}\text{CDIC}$ of DIC were investigated in the Catahoula Lake.

SPECIAL EXHIBITORS

Bayou Builders FIRST Lego League Robotics Team — Team Leader Jean-Marie Williams

The team consists of 10 children ages 9 to 14 from Baton Rouge and is sponsored by the Louisiana Children's Discovery Center.

Team members are: Rebekah Christian, Kyle Gardner, Jesse Landry, Sean McCabe, Nils Sommerfeld, Aaron Warren, Duriel Whittington, Jillian Williams and Lauren Williams.

The team will be traveling to St. Louis, MO, from April 26th – 30th to participate in the FIRST Lego League World Festival.

Keep up with us! JOIN OUR WEEKLY NEWSLETTER LIST

VENISE ORTEGO *Coordinator*
(337) 948-0255 vortego@wlf.la.gov

THOMAS GRESHAM *Assistant Coordinator*
(225) 765-0124 tgresham@wlf.la.gov

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LouisianaEnvironmentalEducationCommission

Concurrent Sessions 8:00 a.m. - 8:50 a.m.

Environmental Science Anyone? - *Felician Room*

Presenter: Latrenda Knighten, East Baton Rouge Parish School System

Experience hands-on, student-centered activities designed to actively engage students. You will participate in activities that focus on environmental science topics such as animal adaptations, food chains, and activities that allow students to explore earth's most important resource – water.

Grade Level: PK-2

Hands-on

Earth Tools: The Polar Freeze - *LaFourche Room*

Presenters: Andrew Hebert and Debra Hunter, Earth Tools

Earth Tools "The Polar Freeze" is a physical performance tool engaging participants with earth's thermal and geographic systems. Participants will climb the "Latitude-Ladder" performing at each latitude as instructed by "Jacque' De'Frost" receiving a "Polar Cap" upon reaching the "North Pole", then play the "Polar Freeze". Last "unfrozen" player wins.

Grade Level: K-4, 5-8

Hands-on

Alligator Cuisine - *Evangeline Room*

Presenter: Brian Fontenot, Calcasieu Parish School System

Participants will take part in a simulation scenario in which they will be determining food "preferences" of alligators. Teachers will examine alligator specimens! They will also create a food web from alligator food chain cards and experience a LEAP like task-assessment.

Grade Level: 5-8

Hands-on

Coastal Wetland Student Researchers - *Bienville Room*

Presenters: Dinah Maygarden, UNO, with Kristin Oliveri & Kenner Discovery Health Sciences Academy Eighth Graders

Eighth-graders at Kenner Discovery Health Science Academy are investigating coastal wetlands with UNO's Coastal Education Program, funded by the Brown Foundation. Successful student research projects will be presented by students, their teacher and their research advisor. We will highlight ways to motivate and guide students in investigating their questions about their local environment.

Grade Level: 5-8, 8-12

Exemplary

Put Your Story on the Map! - *Acadia Room*

Presenter: Lauren Hull, Louisiana Sea Grant

Learn how ArcGIS Story Map can be used to create customizable and interactive map narratives to explore our world! Use story maps as teaching tools, for class projects, or to share the work of your organization. Get the most out of this session by bringing your laptop or tablet!

Grade Level: General

Hands-on, Lesson Demo

LSTA & Presidential Awards Application Writing - *Orleans Room*

Presenters: Jan Graff and Jean May-Brett, Louisiana Science Teachers Association

Representatives from the Louisiana Science Teachers Association and the Presidential Awards for Excellence in Mathematics and Science Teaching will address the basics regarding how to write a competitive LSTA or Presidential Awards application. Participants are encouraged to ask questions during this informal session. Several door prizes will be distributed.

Grade Level: General

Exemplary

Keynote Speaker & Recognitions

Salons I & II

9 a.m. –10 a.m.

Concurrent Sessions 10:00 a.m. - 10:50 a.m.

Louisiana Lagniappe! - *Felician Room*

Presenter: Marybeth Burns, Shenandoah Elementary School

Engage in interactive activities to teach your Pre-K students why and how to protect Louisiana's animals and environment. Explore ways to integrate reading, writing, and math into the study of crawfish, alligators, and other Louisiana wildlife.

Grade Level: PK-2

Hands-on

Seeking Wonder: Exploring the Swamp with a Rabbit, Fox, & Owl - *LaFourche Room*

Presenter: Amy Ouchley, Louisiana Environmental Education Association

Come and visit a Louisiana bottomland hardwood forest with Swamper, the swamp rabbit, and his neighbors. Swamper writes letters from his home about important ecological concepts like energy flow, food webs, decomposition, and life cycles. Naturalist Amy Ouchley will share some of Swamper's letters with storytelling, puppetry, and poetry.

Grade Level: K-4, 5-8

Hands-on

Coastal Louisiana: A Timeline - *Evangeline Room*

Presenter: Dottie Hartman, LSU Ag Center 4-H Youth Wetlands Program

Learn about Louisiana's coastal land loss crisis by creating timelines documenting the evolution of our coastline. Develop an appreciation for the time it took nature to build Louisiana's coastal ecosystem & understand factors contributing to land loss & potential outcomes. Handouts & materials provided by LSU Ag Center 4-H Youth Wetlands Program.

Grade Level: 5-8

Hands-on

Calcasieu-Cameron Environmental Explorers - *Bienville Room*

Presenters: Gary Kratzer, Lori McGee and Dr. Caroline Hennigan, McNeese State University

This NOAA Gulf of Mexico B-WET Project provides meaningful watershed educational experiences (MWEE) to students in southwest Louisiana. Project participants will share how they are involving their students in water quality studies of adopted rivers, bayous, and lakes found in the Calcasieu Estuary and stewardship projects in Calcasieu and Cameron parishes.

Grade Level: 8-12

Exemplary

Using GIS Technologies in LA K-12 Schools - *Acadia Room*

Presenter: Fran Harvey, Louisiana RS and GIS Institute

We will present the power of GIS Mapping strategies as tools both for education & environmental change. These strategies can not only open eyes to the clear impact of humans on the environment, but prepare students to take a role to support environmental & social change as GIS technicians. We will be using a Story Map of a proposed Baton Rouge greenway to display the power of GIS Mapping.

Grade Level: General

Hands-on, Lesson Demo

Cafeteria Composting with an LEEC Grant - *Orleans Room*

Presenter: John Dupuis, St. Thomas More Catholic High School

Composting often takes a back seat to general recycling. Learn how high school seniors took ownership by helping create and operate a composting program using food waste from the cafeteria. See an example of an LEEC Educator Grant funded program in action.

Grade Level: General

Exemplary

Concurrent Sessions 11:00 a.m. - 11:50 a.m.

Future Louisiana Watershed Protectors - Feliciana Room

Presenter: Jon Soul, The Montessori School for Shreveport/ Bayou to Bay

Successful stewardship depends upon personal connections. This presentation will explore the whys and hows of watershed education at an early age and offer activities that promote connections between young students and their local environment. See what works – ours is an award-winning program!

Grade Level: PK-2

Hands-on, Lesson demo, Exemplary

Plant the Seeds to Feed the Bees - LaFourche Room

Presenter: Heather Egger, LSU AgCenter

This 4-H Military Partnerships service learning project brings awareness to the importance of bees, pollination, & Colony Collapse Disorder (CCD). Students plan, build, & maintain flower &/or vegetable gardens as “outdoor classrooms”. Session will provide background on hands-on activity, “What is CCD?” & provide a resource list of the online curriculum.

Grade Level: K-4, 5-8

Lesson demo, Exemplary

Not-So-Scary Skulls - Evangeline Room

Presenter: Monica Pasos, Audubon Nature Institute

Learn to classify animals by tooth types and feeding behaviors. We will be drawing animal skulls to bone-up on observation proficiency and understanding of various skull shapes. Skull diagrams and lesson ideas provided.

Grade Level: 5-8

Hands-on

Data-driven Decision Making - Bienville Room

Presenter: Steven Babcock, LSU Lab School

This session will present the new Youth Wetlands Program curricula to teach students show to create graphical models of subsidence and restoration project maps. These products will be used to assist decision-making about different sediment diversion scenarios.

Grade Level: 8-12

Lesson Demo

Investigations in Toxicology - Acadia Room

Presenters: Maud Walsh and Ashlyn Harmon, LSU

Participants will use toxicological methods, including developing a dose-response curve through experimentation, to solve a crime, using a modification of an activity developed by Oregon State University Environmental Health Sciences Center entitled “Who Killed Yanni the Yeast?” We will also discuss environmental & toxicological research conducted by LSU Superfund Research Center.

Grade Level: General

Hands-on, Lesson Demo

Saving Coastal Louisiana - Orleans Room

Presenters: Chuck Perrodin, State of LA - CPRA and Kelley Templet, LDEQ

Louisiana has a Coastal Master Plan, but will the state get the money for the projects it contains, and how effective can those projects be if they are accomplished? How do we mitigate the damage done and how do we determine and assess mitigation for future damages? We’ll answer the question: Can it be saved?

Grade Level: General

Exemplary

Exhibitor Showcase | Salons III & IV | 12 p.m. –12:30 p.m.

Lunch & LEEA Meeting | Salons I & II | 12:30 p.m. –1:30 p.m.

Concurrent Sessions 1:30 p.m. - 2:20 p.m.

The Art & Science of Butterflies: You Don't Taste the Way You Look! - *Feliciana Room*

Presenters: Robert McGuire, Nita Mitchell and Dotti Berry, Louisiana Art and Science Museum

Explore how artists & scientists are inspired by butterflies while investigating these insects' special role in the environment. Hands-on, minds-on activities will focus on life cycles, adaptations, and other unique features of the butterfly. Create art projects that illustrate the use of color through camouflage and mimicry in the butterfly habitat.

Grade Level: PK-2

Hands-on

Are You New to the Neighborhood? - *LaFourche Room*

Presenter: Christy Flynn, South Grant Elementary

A hands-on session with activities and lessons designed to introduce the idea of invasive and exotic species to elementary students. The session includes a number of great ideas for connecting literacy with science.

Grade Level: K-4

Hands-on

Preserving Our Coast - *Evangeline Room*

Presenter: Heather Niemic, LSU AgCenter Youth Wetlands Program

Experience the Youth Wetlands Program's new elementary lessons about restoring our coast. Take a journey through a river delta, learn Louisiana's coastal history, and design one of our lines of defense from a hurricane. These lessons are a great complement to your wetlands unit.

Grade Level: K-4, 5-8

Hands-on, Lesson Demo

The Lorax in a High School Setting - *Bienville Room*

Presenters: Laurie Font and Josetta LeBoeuf, Baton Rouge Magnet High School

Dr. Seuss is not just for younger audiences! Learn how to bring the magic of The Lorax into your lesson as an anchor to teaching about deforestation, pollution, and the power of sustainability. Lessons, plans, and enrichment activities will be presented.

Grade Level: 8-12

Lesson Demo, Exemplary

Modeling Environmental Leadership - *Acadia Room*

Presenter: Helen Umstead, Scott Middle School

Help students excel by tapping into their motivation to get out-of-doors during school! "Ditch-a-class" activities employ mathematical, scientific, and creative arts concepts while modeling environmental leadership, cleaning up local communities, teaching about local natural resources and creating artistic keepsakes!

Grade Level: General

Hands-on, Lesson Demo

LDWF: The Data Behind Fisheries Science - *Orleans Room*

Presenter: Alayna McGarry, Louisiana Department of Wildlife and Fisheries

Ever wonder how you age a fish? Or how the Louisiana Department of Wildlife and Fisheries tracks the movement of fish? Come join us as we walk through a lesson plan that will teach your students how LDWF manages the fisheries in Louisiana.

Grade Level: General

Hands-on, Lesson Demo

Grand Door Prize (must be present to win) | Salons I & II | 2:30 p.m.

NEW Green Schools Program

Louisiana Green Schools is excited to help your school or classroom reduce its environmental impacts, improve student health, and increase environmental literacy. We support your efforts through mentoring and linking you with resources, like our Green Schools Grant, to implement successful green initiatives. We also support schools seeking recognition of their efforts through the U.S. Department of Education's Green Ribbon School Award.

Find out more at <http://www.wlf.louisiana.gov/green-schools>.
Contact Green Schools Coordinator Brian Gautreau at bgautreau@wlf.la.gov.

LEEC Grants Program

The 2016 LEEC Grants application process is currently underway.
Go to <http://www.wlf.louisiana.gov/eec> for application and additional information.

Deadline: Tuesday, March 15, 2016.

CONGRATULATIONS TO OUR 2015 GRANT RECIPIENTS.

EDUCATOR GRANTS

John Dupuis and **Jonathan Himel**, St. Thomas More Catholic High School - *Cafeteria Composting*
Michelle Grantham and **Dianna Hammond**, Villa del Rey - *Science and the Great Outdoors*
Paul LeBlanc and **Windy Mobley**, L. W. Higgins High School - *Wind Variation*
Mary Legoria and **Pam Fry**, Westdale Heights Academic Magnet - *Getting Our Feet Wet in the Wetlands*
Adams Lintz, Green Park Elementary - *Butterfly Investigations*
Helen Umstead, Scott Middle School - *Modeling Environmental Leadership*

GREEN SCHOOL GRANTS

Claire Anderson, KIPP Central City Primary - *Water Literacy Field Station*
Renisha Beaudin, Arthur F. Smith Middle Magnet School - *The Good Soil*
Joe Vaccaro, St. Martin's Episcopal School - *Water Literacy Outdoor Classroom*
Michele Woods, Nesom Middle School - *Recycling for Kids*

PROFESSIONAL DEVELOPMENT GRANT

Stephanie Krouse, Academic Distinction Fund - *Pre-K Private Eyes - Exploring Our Small, Small World*

SUSTAINABILITY INITIATIVE PROJECT (SIP) GRANT

Barry Aronhime, LSU - *Elephant ear removal in a Nature Center*

UNIVERSITY RESEARCH GRANTS

Warwick Allen, LSU - *The role of fungi, nutrient availability and competition in wetland plant invasions*
Alexander Ameen, Tulane University - *Spatial and temporal trends in a freshwater wetland seed bank*
John Anjier, Southeastern Louisiana University - *Assessing the impact of flooding and nutrients on three wetland plant species found along the Louisiana Gulf Coast*
Andrew Flick, LSU - *The effects of predation on disease transmission in soybean loopers*
Sarah Giltz, Tulane University - *Effects of ocean acidification on intermolt duration and growth of the juvenile blue crab in the Northern Gulf of Mexico*
Rachel Harman, LSU - *Different forms of density dependent dispersal and their effects on population dynamics*
Michael Henson, LSU - *Assessment of wetlands on the Louisiana coast using baseline microbial community structure and developing microbial indices*
Katherine Hovaness, LSU - *Effect of spatial pattern of a dominant competitor on community assembly processes*
Zhen Xu, LSU - *Assessment of Stable Isotopes of Dissolved Oxygen and Dissolved Inorganic Carbon in Catahoula Lake*

PRESENTER Directory

Steven Babcock

LSU Lab School
sbabcock@lsu.edu

Marybeth Burns

Shenandoah Elementary
mburns3@ebrschools.org

John Dupuis

St. Thomas More Catholic High School
john_w_dupuis@msn.com

Heather Egger

LSU AgCenter
hegger@agcenter.lsu.edu

Christy Flynn

South Grant Elementary
christy.flynn@gpsb.org

Laurie Font

Baton Rouge Magnet High School
lhorton@ebrschools.org

Brian Fontenot

Calcasieu Parish School System
brian.fontenot@cpsb.org

Jan Graff

Louisiana Science Teachers Association
jlgraff@bellsouth.net

Dottie Hartman

LSU Ag Center 4-H Youth Wetlands Program
butterfliesrbeautiful@cox.net

Fran Harvey

Louisiana RS and GIS Institute
fharvey@ggsonline.org

Andrew Hebert

Earth Tools
andymhebert@gmail.com

Lauren Hull

Louisiana Sea Grant/LSU Geography & Anthropology
l.alyse.hull@gmail.com

Latrenda Knighten

East Baton Rouge Parish School System
ldknighten@aol.com

Gary Kratzer

McNeese State University
gkratzer@mcneese.edu

Dinah Maygarden

University of New Orleans
dmaygard@uno.edu

Alayna McGarry

Louisiana Department of Wildlife and Fisheries
amcgarry@wlf.la.gov

Robert McGuire

Louisiana Art and Science Museum
rmcguire@lasm.org

Heather Niemic

LSU AgCenter Youth Wetlands Program
hniemic@agcenter.lsu.edu

Amy Ouchley

Louisiana Environmental Education Association
aouchley@centurytel.net

Monica Pasos

Audubon Nature Institute
mpasos@auduboninstitute.org

Chuck Perrodin

State of LA - Coastal Protection and Restoration Authority
chuck.perrodin@la.gov

Jon Soul

The Montessori School for Shreveport/ Bayou to Bay
jonksoul@gmail.com

Helen Umstead

Scott Middle School
hgumstead@lpssonline.com

Maud Walsh

Louisiana State University
evwals@lsu.edu

EXHIBITOR Directory

4-H Youth Wetlands Program

Heather Niemic
hniemic@agcenter.lsu.edu

Associated Professional Educators of Louisiana (A+PEL)

Jennifer Bynum
jennifer@apeleducators.org

Audubon Zoo

Monica Pasos
mpasos@auduboninstitute.org

Barataria-Terrebonne National Estuary Program (BTNEP)

Alma Robichaux Jackson
alma@btnep.org

Cajun Prairie Habitat Preservation Society

Brian Sean Early
cajunprairie@gmail.com

Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA)

Nikki Cavalier
ncavalier@usgs.gov

Louisiana Department of Agriculture & Forestry/Office of Soil & Water Conservation - Louisiana Project WET

Joey Breaux
joey_b@ldaf.state.la.us

Louisiana Department of Environmental Quality (LDEQ)

Linda Hardy
linda.hardy@la.gov

Louisiana Department of Wildlife & Fisheries Aquatic Volunteer Instructor Program

Alayna McGarry
amcgarry@wlf.la.gov

Louisiana Department of Wildlife & Fisheries - Education

Angela Capello
acapello@wlf.la.gov

Louisiana Department of Wildlife & Fisheries - Threatened and Endangered Species Education

Carrie Salyers
csalyers@wlf.la.gov

Louisiana Environmental Education Association (LEEA)

Amy Ouchley
aouchley@centurytel.net

Louisiana Environmental Education Commission (LEEC)

Venise Ortego
vortego@wlf.la.gov

Louisiana Office of Conservation, "Water-Wise in BR"

Matthew Reonas
matthew.reonas@la.gov

Louisiana Science Teachers Association (LSTA)

Jean May-Brett
jam05@bellsouth.net

Louisiana Universities Marine Consortium (LUMCON)

Murt Conover
mconover@lumcon.edu

LSU Museum of Natural Science

Valerie Derouen
vderou1@lsu.edu

Nutrients for Life Foundation

Tiffany Ballow
tballow@nutrientsforlife.org

Tulane Matas Library of the Health Sciences

Elaine Hicks
ehicks2@tulane.edu

U.S. Department of Agriculture (USDA)

Deepak Bhatnagar
deepak.bhatnagar@ars.usda.gov

Qualify for the GRAND DOOR PRIZE, a **weekend at a Louisiana State Park of your choice**, by turning in your FINAL EVALUATION at the end of the day. You must be present to win.



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facebook.com/LouisianaEnvironmentalEducationCommission

LEEC Environmental Awareness Contest

Sponsored by the Alcoa Foundation

**MARK YOUR CALENDAR FOR THE
2016 ENVIRONMENTAL AWARENESS
ART & LANGUAGE ARTS CONTEST!**

Deadline: Friday, April 22, 2016

**2015 Environmental Awareness
Art & Language Arts Contest
Biodiversity in Our World
Sponsored by Alcoa Foundation**



CONGRATULATIONS TO OUR 2015 WINNERS & THEIR TEACHERS!

Art

Group 1

- 1 Jayden Verdin, Cut Off Elementary
- 2 Liberty Lightfoot, Prairie Elementary
- 3 Layla Garrett, Waller Elementary

Group 2

- 1 Ashini Modi, South Highlands Magnet
- 2 Jaylynn Guidry, Cut Off Elementary
- 3 Bryce Martin, Isidore Newman

Group 3

- 1 Grace Lagattuta, Ruston Junior High
- 2 Sherilyn Rose Janke, Folsom Junior High
- 3 Anna Broussard, St. Margaret Catholic

Group 4

- 1 Vibriyogn Epuri, Hammond Magnet
- 2 Zoila Martinez, Ruston Junior High
- 3 Dawson Crosby, John Curtis Christian

Language Arts

Group 2

- 1 Emilee King, Chesbrough Elementary
- 2 Joseph Culotta, Isidore Newman
- 3 Landry Brouillette, Homeschooled

Group 3

- 1 Owen Brouillette, Homeschooled
- 2 Diya Desai, Caddo Middle Magnet
- 3 Zoe Curtis, John Curtis Christian

Group 4

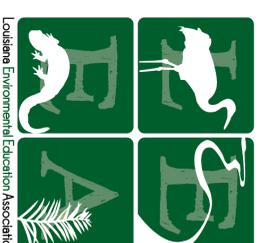
- 1 Brandi Nelson, John Curtis Christian
- 2 Timberlee Howell, DeRidder High
- 3 Alexis Lang, John Curtis Christian

Certificate of Participation

is hereby granted to



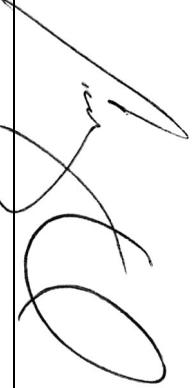
for completion of _____ hours of
Professional Development received during



LOUISIANA ENVIRONMENTAL EDUCATION STATE SYMPOSIUM

OUR ENVIRONMENT . . . OUR FUTURE

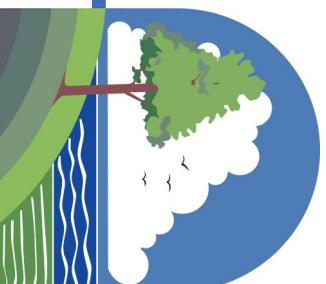
February 19-20, 2016



Cole Ricketuhl, Chair
Louisiana Environmental Education Commission



Amy Ouchley, President
Louisiana Environmental Education Association

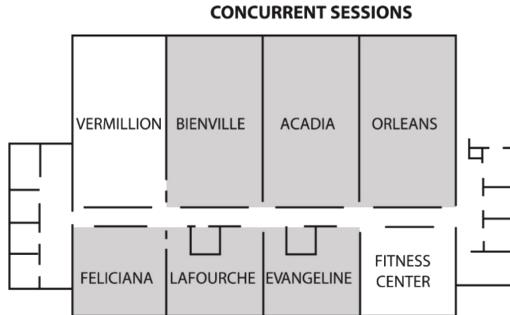


2016 Symposium Planner / CLU Organizer

DATE	TIME	SHORT COURSE TITLE
Friday FEB 19		
DATE	TIME	SESSION TITLE
S A T U R D A Y	7:00 AM- 8:00 AM	REGISTRATION & EXHIBIT HALL OPENS
	8:00 AM- 9:00 AM	
	9:00 AM- 10:00 AM	KEYNOTE ADDRESS
	10:00 AM- 11:00 AM	
	11:00 AM- 12:00 PM	
	12:00 PM- 12:30 PM	EXHIBITOR SHOWCASE
	FEB 20 12:30 PM- 1:30 PM	LUNCH & LEEA MEETING
	1:30 PM- 2:30 PM	
<p>This planner is provided for participants who need documentation of attended sessions. Participants are responsible for collecting their proof of attendance sticker at the end of each session. CLUs are not awarded for visiting the exhibit hall. Friday Short Course sessions are set at 7 CLUs. Saturday concurrent sessions and the keynote address are set at a total of up to 5 CLUs for the day's events. <i>Districts have the option to accept this documentation.</i></p>		

BATON ROUGE Marriott Floor Plan

2nd Floor



REGISTRATION: FOYER

KEYNOTE & LUNCH: SALONS I & II

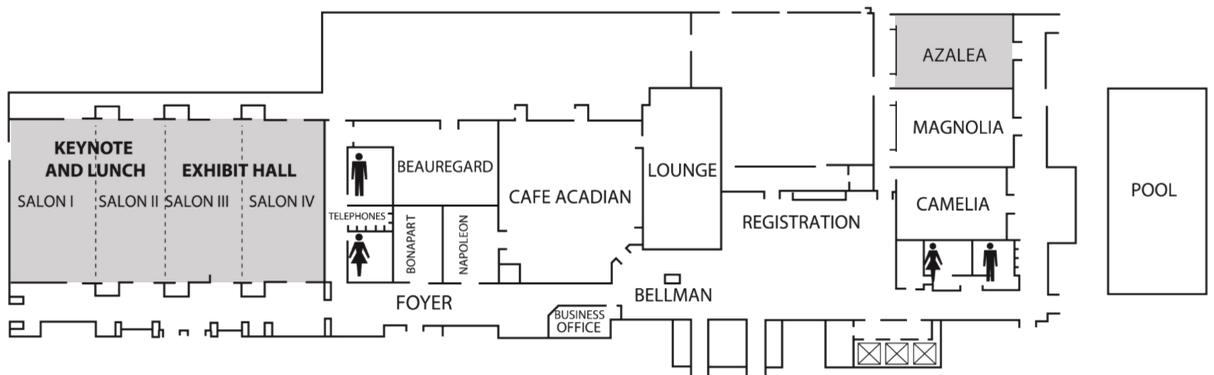
EXHIBIT HALL: SALONS III & IV

CONCURRENT SESSIONS: ACADIA, BIENVILLE

EVANGELINE, FELICIANA, LAFOURCHE, ORLEANS

OCEAN EXPLORATION SHORT COURSE: AZALEA ROOM

1st Floor



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Bird's-Eye View of Concurrent Sessions—Saturday, February 20, 2016

	Feliciana	LaFourche	Evangeline	Bienville	Acadia	Orleans
8:00 - 8:50	Environmental Science Anyone? Latrenda Knighten PK-2 Hands-on	Earth Tools - The Polar Freeze Andrew Hebert K-4, 5-8 Hands-on	Alligator Cuisine Brian Fontenot 5-8 Hands-on	Coastal Wetland Student Researchers Dinah Maygarden 5-8, 8-12 Exemplary	Put Your Story on the Map! Lauren Hull General Hands-on, Lesson Demo	LSTA & Presidential Awards Application Writing Jan Graff General Exemplary
9 a.m.—10 a.m. Keynote and Recognitions						
10:00 - 10:50	Louisiana Lagniappe! Marybeth Burns PK-2 Hands-on	Seeking Wonder: Exploring the Swamp with a Rabbit, Fox, & Owl Amy Ouchley K-4, 5-8 Hands-on	Coastal Louisiana: A Timeline Dottie Hartman 5-8 Hands-on	Calcasieu-Cameron Environmental Explorers Gary Kratzer 8-12 Exemplary	Using GIS Technologies in LA K-12 Schools Fran Harvey General Hands-on, Lesson Demo	Cafeteria Composting with an LEEC Grant John Dupuis General Exemplary
11:00 - 11:50	Future Louisiana Watershed Protectors Jon Soul PK-2 Hands-on, Lesson Demo, Exemplary	Plant the Seeds to Feed the Bees Heather Egger K-4, 5-8 Lesson Demo, Exemplary	Not-So-Scary Skulls Monica Pasos 5-8 Hands-on	Data-driven Decision Making Steven Babcock 8-12 Lesson Demo	Investigations in Toxicology Maud Walsh General Hands-on, Lesson Demo	Saving Coastal Louisiana Chuck Perrodin General Exemplary
12 p.m.—12:30 p.m. Exhibitor Showcase — 12:30 p.m.—1:30 p.m. Lunch and LEEA Meeting						
1:30 - 2:20	The Art & Science of Butterflies: You Don't Taste the Way You Look! Robert McGuire PK-2 Hands-on	Are You New to the Neighborhood? Christy Flynn K-4 Hands-on	Preserving Our Coast Heather Niemic K-4, 5-8 Hands-on, Lesson Demo	The Lorax in a High School Setting Laurie Font 8-12 Lesson demo, Exemplary	Modeling Environmental Leadership Helen Umstead General Hands-on, Lesson Demo	LDWF: The Data Behind Fisheries Science Alayna McGarry General Hands-on, Lesson Demo
2:30 p.m. Grand Door Prize Drawing						