



Coastal Roots



January 1, 2013

<http://coastalroots.lsu.edu>

LSU CR Workshop 2013: Feb 16 or Mar 2

You choose the date that works best for you!

This year we will offer two Winter Workshops for our teachers' convenience. Content of both workshops will be very similar, so we ask that you register for the date that works best for you. We'll have special guest speakers, some class activities we'd like for you consider using, time for you to share ideas and activities of what's working at your schools, and of course, time to pick up your seeds and soil for spring planting of your 2013-14 restoration crop.

Time: 9 a.m. to 3 p.m.

Date: February 16 or March 2, 2013

Location: LSU

Stipend: \$100/day

Registration form will be sent to you by e-mail - or contact Pam (PamB@lsu.edu).

NOTE: This workshop is also open to teachers who are interested in starting the LSU Coastal Roots Program at their school in the coming year. E-mail Pam to get a registration form!



Dr. Bush Earns His 10-Year Ocean Commotion Hat and Award

Dr. Ed Bush has officially manned the CR exhibit at Louisiana Sea Grant's *Ocean Commotion* for 10 years! At this year's exhibit on October 30, 2012, Ed received his 10 year OC hat and award! He was ably assisted by **Brittany Buquoi** and **Erika Poarch** (CR grad assistants) and **David LeBlanc** (CR student worker), as well as numerous students from **St. Joseph's Academy**, a CR school located in Baton Rouge.



Research Partnership Across the LSU Campus

As many of you know, we began a research project in collaboration with **Dr. Krisanna Machtmes'** qualitative and mixed methods doctoral research classes to understand how CR teachers use the CR Program with their students and what their educational purposes are for doing so. When we asked you for help, 51 of 60 CR teachers indicated that they would be willing to be interviewed. So far, 44 of the 51 interviews have been recorded and almost all of these have been transcribed. Our first step will be to examine

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Best Nursery Practices: Winter To-Do List

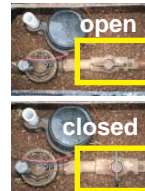
Dr. Ed Bush, LSU School of Plant, Environmental, and Soil Sciences

We are starting to have regular freezes now, so here are three things for your New Year's to-do list...

- if you have plants in your nursery yard, be sure your timer is working properly and that they continue to be well-watered. During cold weather, water is your plant's best friend!
- if you have any exposed irrigation pipes leading to your nursery, be sure they are wrapped and insulated from hard freezes. Risers (the upright gray pipes) should be fine. If you develop a leak, shut the water off to the nursery at the shut-off valve and call me or Pam.
- if you no longer have plants in your nursery, shut the water off at the shut-off valve until the spring.

Quick nursery question: How do you know if the water to your nursery is shut off?

Answer: The shut-off valve handle (yellow box at right) will be perpendicular to the water line if the water is "off" or the shut off valve is closed! If the shut off valve handle is in line (or parallel) to the water line, then the water is "on"!



Wetland Ambassadors 2012

LSU Coastal Roots and LUMCON's Bayou Side Classroom teachers trek to Last Island

One day last summer, **Murt Conover**, LUMCON's education coordinator, called Pam with a great idea, "Let's do another Wetland Ambassador Workshop for our teachers! We could take a trip to Isles Dernieres (Last Island)." So that's what we did on July 25, 2012. A 25-minute boat ride brought us to the remains of the barrier island. Highlights of this trip included jumping out of the boat to push it off a sandbar, seining in the shallow water of the beach and catching a tiny crab, a stingray, and lots of fish, and learning how to construct a cross-section of the forebeach. It was a wonderful day, with time to walk and reflect upon Louisiana's natural resources. This trip was funded through LUMCON and a NOAA B-WET grant.



Gardener's Supply Grants

Community garden sustainability grants are being offered through a partnership by the American Community Garden Association with Gardener's Supply Company. To download the request for proposals: http://salsa3.salsalabs.com/o/50272/p/salsa/web/common/public/content?content_item_KEY=11937



Other CR News....

Students from schools receiving funding from the Brown Foundation in support of their Coastal Roots school nursery helped with CR exhibits at this year's Brown Foundation Service-Learning Celebration on September 14, 2012. Schools included **McGehee School** (pictured at left), **St. Martin's Episcopal**, and **Chapelle High School**.

Congratulations to **Lynn Danjean**, lead Coastal Roots teacher at **Creekside Junior High** in Pearl River, for her successful EPA Region 6 School Sustainability Grant (2012-13) Award. She has been awarded nearly \$5,000 for her grant entitled "Growing in the 21st Century".

Research Study on CR (continued from page 1)

the transcripts... using qualitative research methods to identify common themes. At the CR Winter Workshops, we will ask participants to complete a brief survey to further refine information from our interviews, and perhaps conduct a few more follow up interviews. We plan to publish research papers from our findings. We thank the doctoral students who have helped with this research: **Brittany Buquoi, Susana Lee, Desiree Cho, Carey Hamburg, Lori Robinson, Serena Fisher, YaSheka Mullens, Denise Attaway, Stephen Bond, Jimmy Johnson, Kimberly Jones, Kim Gales, Ashley Mullens, Leah Saal, Shannon Scott, Jenna LaChenaye, Jennifer Tynes, Donna Hess, Gail Griffin, and Regina Burrough.** We especially owe a debt of gratitude to the hard work and organizational skills of **Brittany Buquoi** (pictured in Dr. Bush's story on page 1). We also thank **Erika Poarch** (also pictured on page 1), who transcribed several of the interviews as part of her CR graduate assistantship. Finally, we thank **Dr. Krisanna Machtmes** (LSU School of Human Resource and Workforce Development) for her leadership and willingness to guide this research.



CR Summer Institute: June 21-22, 2013! Mark your calendars!

2012-13 LSU Coastal Roots Schools

- | | |
|--|---|
| 1 Pierre Part Elementary (Pierre Part, Assumption Parish) 2001 | 24 Holy Cross School (New Orleans, Orleans Parish) 2009 ♦ D |
| 2 Abbeville High (Abbeville; Vermilion Parish) 2001 | 25 Franklin High (Franklin, St. Mary Parish) 2009 |
| 3 St. Joseph's Academy (Baton Rouge, East Baton Rouge Parish) 2001 | 26 Iberville Science and Arts Academy East (St. Gabriel, Iberville Parish) 2009 |
| 4 St. Louis, King of France (Baton Rouge, East Baton Rouge Parish) 2002 | 27 Bishop Noland Episcopal Day School (Lake Charles, Calcasieu Parish) 2009 |
| 5 Harry Hurst Middle (Destrehan; St. Charles Parish) 2003 | 28 Schools of the Sacred Heart (Grand Coteau, St. Landry Parish) 2010 |
| 6 Our Lady of Mercy (Baton Rouge, East Baton Rouge Parish) 2003 | 29 Iberville Science and Arts Academy West (Plaquemine, Iberville Parish) 2010 |
| 7 St. James Science & Math Magnet (Vacherie, St. James Parish) 2004 | 30 J.B. Martin Middle (Paradis, St. Charles Parish) 2010 ♦ D |
| 8 Lafayette Middle (Lafayette; Lafayette Parish) 2005 | 31 Zachary Elementary (Zachary, East Baton Rouge Parish) 2010 |
| 9 St. Charles Parish Satellite School (Luling; St. Charles Parish) 2006 | 32 Belle Chasse Academy (Belle Chasse, Plaquemines Parish) 2010 ♦ D |
| 10 R.K. Smith Middle (Luling, St. Charles Parish) 2006 ♦ D | 33 Patrick Taylor Science & Technology Acad. (Jefferson, Jefferson Parish) 2010 |
| 11 St. Martin's Episcopal (Metairie, Jefferson Parish) 2007 | 34 Louise S. McGehee School (New Orleans, Orleans Parish) 2011 |
| 12 Christ Episcopal (Covington; St. Tammany Parish) 2007 | 35 L. Leo Judice Montessori Elementary (Lafayette, Lafayette Parish) 2011 |
| 13 Metairie Acad. for Advanced Studies (Metairie; Jefferson Parish) 2007 ♦ D | 36 Lusher Jr. High (New Orleans, Orleans Parish) 2012 |
| 14 Isidore Newman School (New Orleans; Orleans Parish) 2008 | 37 Creekside Junior High (Pearl River, St. Tammany Parish) 2012 |
| 15 Belle Chasse Middle (Belle Chasse; Plaquemines Parish) 2008 ♦ D | 38 Episcopal High (Baton Rouge, East Baton Rouge Parish) 2012 |
| 16 Central High (Central Community Schools, E. Baton Rouge Parish) 2008 | 39 Upper Pointe Coupee Elementary (Batchelor, Pt. Coupee Parish) 2012 |
| 17 South Cameron High (Grand Chenier, Cameron Parish) 2008 | 40 Sts. Leo-Seton Catholic School (Lafayette, Lafayette Parish) 2012 |
| 18 St. Paul's Episcopal (New Orleans, Orleans Parish) 2008 | |
| 19 Larose-Cutoff Middle (Cutoff, Lafourche Parish) 2008 | |
| 20 Westdale Heights Acad. Elem Magnet (Baton Rouge, EBR Parish) 2008 | |
| 21 Archbishop Chapelle High (Metairie, Jefferson Parish) 2008 | |
| 22 LSU Laboratory School (Baton Rouge, E. Baton Rouge) 2008 | |
| 23 Reeves High (Reeves, Allen Parish) 2008 ♦ D | |

Installations Scheduled for Spring 2013

- Ponchatoula High (Ponchatoula, Tangipahoa Parish)
- Montegut Middle (Montegut, Terrebonne Parish)
- Bourg Elementary (Bourg, Terrebonne Parish)
- Pointe aux Chenes Elementary (Pointe aux Chenes, Terrebonne Parish)

♦ D= Dormant

DEMONSTRATION NURSERY

- UNO Coastal Education & Research Facility (New Orleans, Orleans Parish) 2010

2012-13 Mississippi Coastal Roots Schools

Demonstration Nursery: MS Coastal Research and Extension Center (Biloxi, MS) 2009

- | | |
|---|---|
| 1 Wool Market Elementary (Biloxi, Harrison County) 2009 | 3 St. James Elementary (Gulfport, Harrison County) 2011 |
| 2 Anniston Elementary (Gulfport, Harrison County) 2011 | |

Putting Down Roots - LSU Coastal Roots Plantings from August through December 2012

Photo credits: LSU Coastal Roots staff



Franklin High
November 2, 2012
Palmetto Island State Park



Archbishop Chapelle High
November 13, 2012
Bonnet Carré Spillway



Our Lady of Mercy
November 15, 2012
Fontainebleau State Park



Iberville MSA Academy East
November 16, 2012
BREC Comite River Park



Sacred Heart Academy
November 29, 2012
Avery Island



Berchman's Academy
November 29, 2012
Avery Island



Holy Cross
November 30, 2012
Audubon Nature Center



Christ Episcopal
December 5, 2012
Fontainebleau State Park



P Taylor Sci & Tech Academy
December 6, 2012
New Orleans Couterie Forest, City Park



Holy Cross
December 7, 2012
Audubon Nature Center
Photo credit: Sue Ellen Lyons



Episcopal Day School
December 11, 2011
Coastal Plain Conservancy



St. Martin's Episcopal
December 14, 2012
LDWF Pointe aux Chenes WMA

Plantings from August through December 2012 (cont)



Iberville MSA Academy - West
December 19, 2012
Bonnet Carré Spillway



“Most of the important things in the world have been accomplished by people who have kept on trying when there seemed to be no hope at all.” - Dale Carnegie

Professional Development for CR Teachers



Dr. Mary Legoria (Westdale Heights Academic Magnet Elementary, Baton Rouge, pictured far right) presented part of her doctoral research in a National Children and Youth Gardens Symposium workshop in Maryland last July entitled, “Developing Children’s Gardens With Kid Appeal.” Accompanying her were (left to right, **Robin Murphy**, WHAM Elem), **Sandy Saye** (Upper Pointe Coupee Elementary, Pointe Coupee Parish) and Pam Blanchard. The LSU B-WET grant paid for part of the CR teachers’ travel expenses.

Dr. Janell Simpson (P. Taylor Science & Technology Academy, Jefferson) attended the North American Association of Environmental Education in Oakland, California, along with Azure Bevington in October of 2012. The LSU B-WET grant paid for their travel expenses. Janell is pictured checking salinity in San Leandro Bay during a conference workshop canoe trip.



Thank you!

We owe **Nessie Galliano** (Our Lady of Mercy School, Baton Rouge, pictured with one of her students on this year’s restoration trip to Fontainebleau Park) a huge thank you for suggesting CR provide each school a Restoration Trip Folder to help organize the paperwork that is turned in for each of our restoration trips. Azure Bevington and David LeBlanc worked on the design of the folders and they have worked like a charm! Photo releases are organized and alphabetized, tree, student, chaperone and teacher counts are accurate, and bus reimbursement forms are ready for processing! What a huge help! Thank you, Nessie!



Unless someone like you cares a whole awful lot, nothing is going to get better. It's not.
Dr. Seuss,
The Lorax

Welcoming New and Old Schools to CR



Sts. Leo-Seton School
September 14, 2012
Lafayette, LA



Upper Pointe Coupee Elem
November 1, 2012
Batchelor, LA



S. Cameron High *reinstall!*
December 20, 2012
Creole, LA

Helping Hands



Craig Howat tells us that he gets lots of help keeping an eye on St. Charles Satellite School's Coastal Roots Nursery from **Harold Morantine**. (top photo).

Garret Thomassie (Manager) and **Curt J. Riché** (Assistant Manager) at the **USDA/NRCS Golden Meadow Plant Materials Center** (2nd photo from top) provided bitter panicum stems for our schools who will be traveling to Louisiana beaches. The GMPMC has been very helpful from the very start of Coastal Roots back in 2000! We thank **Carey Gelpi** and **Azure Bevington** (3rd photo from top) for going to pull the grass stems last October.

Mary Ann & John Cole (Covington, bottom photo) grew numerous cypress trees at their home, which they donated to Coastal Roots. We'll find them a good home to grow tall in!

LSU Coastal Roots Event 2013 Calendar

January 8	RESTORATION TRIP Westdale Heights Academic Magnet Elementary (Baton Rouge) @ BREC Blackwater Conservation Area	
January 11	RESTORATION TRIP Creekside Jr. High (Pearl River) @ St. Tammany Retention Pond	
January 16	RESTORATION TRIP St. James SMA Academy (Vacharie) @ Bonnet Carré Spillway	
January 17 p	RESTORATION TRIP L Leo Judice Montessori Elementary (Scott) @ ULL CEET	
January 24	RESTORATION TRIP St. Louis King of France @ Fontainebleau State Park	
January 18	RESTORATION TRIP Isidore Newman (New Orleans) @ Bonnet Carré Spillway	
January 21	RESTORATION TRIP St. Joseph's Academy (Baton Rouge) @ Fontainebleau State Park	
February 1 p	RESTORATION TRIP Pierre Part Middle (Pierre Part) @ Maple Bayou	
February 8	RESTORATION TRIP Central High (Central) @ BREC Blackwater Conservation Area	
February 16	LSU CR Winter Workshop @ LSU, Baton Rouge (Choose to attend Feb 16 or Mar 2)	
February 19	RESTORATION TRIP Archbishop Chapelle High (Metairie) @ Bonnet Carré Spillway	
February 23	LA Environmental Education Symposium, Baton Rouge	
February 26 p	RESTORATION TRIP Lusher Charter Middle (New Orleans) @ Bonnet Carré Spillway	
March 1	RESTORATION TRIP Isidore Newman (New Orleans) @ Bonnet Carré Spillway	
March 2	LSU CR Winter Workshop @ LSU, Baton Rouge (Choose one! Feb 16 or Mar 2)	
March 6 p	RESTORATION TRIP Episcopal School (Baton Rouge) @ TBA	
March 27	RESTORATION TRIP Louise McGehee School (New Orleans) @ Grand Isle State Park	
March 28	RESTORATION TRIP St. Martin's Episcopal (Metairie) @ Grand Isle State Park	
April 18	RESTORATION TRIP Larose-Cutoff Middle (Larose) @ Grand Isle State Park	
April 21	EXHIBIT Louisiana Earth Day, Wetland Tent, Baton Rouge	
April 23	RESTORATION TRIP Zachary Elementary (Zachary) @ Grand Isle State Park	
April 24	RESTORATION TRIP Zachary Elementary (Zachary) @ Grand Isle State Park	
April 25	RESTORATION TRIP Sts. Leo-Seton School (Lafayette) @ Grand Isle State Park	
April 26	RESTORATION TRIP Zachary Elementary (Zachary) @ Grand Isle State Park	
June 7-8	EXHIBIT Uplifting the Coast Festival, Baton Rouge Fair Grounds	
June 21-22	LSU CR Summer Institute (Location TBA)	<i>p = pending confirmation</i>



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 70803

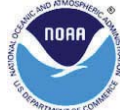
Tel: 225/ 578-2297 ETPP
 Fax: 225/ 578-9135
 Email: PamB@LSU.EDU

LSU Coastal Roots Restoration Partners

We thank our restoration partners for their willingness to work with and educate our LSU Coastal Roots students about the restoration needs of their site as well as other important coastal issues.

- Avery Island, Inc.
- Baton Rouge Recreation (BREC) Parks
- Mae's Beach, Cameron Parish
- Cheniere au Tigre
- City Park, New Orleans
- Coastal Plain Conservancy
- Grand Isle Port Commission
- LDWF Pointe aux Chenes WMA
- Louisiana State Parks
- Maple Bayou Hunt Club
- NRCS Coastal Prairie Restoration
- US Army Corps of Engineers, Bonnet Carré Spillway
- Wetland Watcher Park, St. Charles Parish
- USDA Golden Meadow Plant Materials Center
- UL-Lafayette Ctr. Ecology & Environmental Technology
- St. Tammy Parish Chinchuba Retention Pond

LSU Coastal Roots Seedling Nursery Program



LSU Coastal Roots: Helping the LA coast one seedling at a time!

<http://coastalroots.lsu.edu>