

P₃ Eco-Challenge Awards Ceremony



May 10, 2017
4 - 7PM

Long Key
Nature Center
Davie, Florida



The Broward P₃ Eco-Challenge is a multi-divisional and organizational effort between Broward County Public Schools (BCPS), Broward County Environmental Planning and Community Resilience Division, and the Environmental Conservation Organization. A P₃ Committee, represented by members from these organizations was formed to create and implement this wonderful initiative to recognize and reward our schools, teachers, students, non-instructional individuals and custodial staff for their many

efforts to learn about and implement environmentally sustainable measures and green initiatives within our schools and communities.

There are two areas of recognition: The P₃ School Challenge and the P₃ Stewardship Recognition. The school challenge entails demonstrating participation in or implementation of different sustainability metrics based on a rubric composed of six comprehensive categories: School Grounds Enhancement, School Sustainability, Curriculum Integration, Community Involvement, Administrative Support, and Innovation/Special Projects.

The P₃ Stewardship Recognition rewards teachers, students, non-instructional individuals and custodial staff who show evidence of promoting civic responsibility, environmental stewardship, and education of environmental issues. The metrics of this category include: Awareness and Involvement, Current Professional Development/Affiliation, Instructional Soundness/Creativity, and Skill Building.

P₃ Committee

Dr. Jennifer Jurado, Director, Broward County Environmental Planning and Community Resilience Division. Staff Members: Carolina Maran, Robert Rudolph, Victor Suarez, Kimberly Mayo, Maena Angelotti, and Rose Béchard-Butman

Susan Cantrick, Director, BCPS Applied Learning Department. BCPS Staff: Dr. Lisa Milenkovic, Rebecca Malones, Rosie Bencivenga, Erik Leitner, Annmargareth Marousky, Kelly Thomas, Dr. Marilyn Johnson, and Tracy Colucci

BCPS Environmental Health & Safety Department: Robert Jindracek, Ed See and Gianet Puma

Ed Hineline, Director, Business Applications, BCPS Information and Technology Department. Staff Members: Charlene Collins and Gary Brown

Environmental Conservation Organization: Dawn Miller-Walker – Science Eye, Andy Roberts - Youth Environmental Alliance; Steve Weinsier – Allstate Resource Management; and Robin Reccasina - Sawgrass Nature Center and Wildlife Hospital

P₃ Eco-Challenge Awards Ceremony

Program Agenda

Reception and Beachside Montessori Village Chorus

Opening remarks

Charles Webster, Coordinator, BCPS Legislative Affairs

Welcome

Vice Mayor Beam Furr, Broward County Commissioner, District 6

Patricia Good, School Board of Broward County, District 2

Laurie Rich Levinson, School Board of Broward County, District 6

Keynote Speaker

David Mizejewski - TV host/talent spokesperson for National Wildlife Federation

Green School and District Awards

Tim Center - Executive Director, Sustainable Florida Educator Stewardship Awards

Introduction

Susan Cantrick, Director, BCPS Applied Learning Department

Student Stewardship Awards

Dr. Lisa Milenkovic, STEM+CS Supervisor, BCPS Applied Learning Department

Student Stewardship Awards

Robin Reccasina, Andy Roberts, Dawn Miller-Walker

Environmental Conservation Organization

Custodial and Non-Instructional Stewardship Awards

Robin Reccasina, Andy Roberts, Dawn Miller-Walker

Environmental Conservation Organization

PSA Awards

Dr. Lisa Milenkovic, STEM+CS Supervisor, BCPS Applied Learning Department

School Awards

Dr. Lisa Milenkovic, STEM+CS Supervisor, BCPS Applied Learning Department

Individual Categories

All Categories

Closing Remarks

Thank you Long Key Nature Center for hosting the P₃ Eco-Challenge Awards Ceremony!



About Long Key Natural Area & Nature Center: At 164.8 acres, this site is one of the largest natural areas managed by Broward County Parks and Recreation. As recently as a century ago this elevated oak hammock was part of a series of islands surrounded by Everglades marshes. Long Key encompasses some of the most significant archaeological, historical, and ecological resources in the county, as the area was inhabited by the ancient Tequestas and the more modern Seminoles.

Long Key's magnificent live oak hammock has served as an important habitat for wildlife and is one of the largest remaining stands of upland hardwood forest in Broward County. Typical trees found in the hardwood forest include live oak, red bay, paradise tree, strangler fig, and the occasional cabbage palm and gumbo limbo. Among the diverse plants you can see are many species of epiphytic bromeliads and ferns that abundantly line the limbs of the oaks. Additional features include a 14-acre orange grove, a remnant of a once-active citrus industry; restored wetland marshes, which have become a haven for a variety of migratory and resident birds; several man-made ponds and canals; and, an active bird roost/rookery. The site is also a refuge for butterflies and a variety of mammals, including foxes and bobcats.



More information on this park can be found at broward.org/Parks



Southeast Regional Envirothon

The Southeast Regional Envirothon is an annual competition in which high school teams demonstrate their knowledge of environmental science and natural resource management. The competition is centered on five universal testing categories: Aquatic Biology, Forestry, Soil & Land Use, Wildlife and a Current Issue topic that changes every year. Winners from the regional competition advance to the Florida Envirothon, and then the state winner advances to the national event, North American Envirothon, that includes the U.S.A. and Canada. All three levels have cash awards and other prizes. The next regional competition will be on February 21, 2018. The location will be announced at a later date. Visit Eco-tan.org for more information about participating in the Envirothon.



DAVID MIZEJEWSKI KEYNOTE SPEAKER

David Mizejewski has been fascinated by our natural world for as long as he can remember. A lifelong naturalist, he spent his youth exploring the woods, fields and wetlands, observing and learning about the surprising diversity of wildlife that inhabits them. David is a media personality, author, blogger and a naturalist with the National Wildlife Federation.

He holds a degree in Human and Natural Ecology from Emory University and is an expert on wildlife and our environment. He's dedicated to using his knowledge and his enthusiasm to help others understand and protect wildlife.

David is co-host of *NatGeo WILD's* new prime time television series *Pet Talk*. He helps viewers understand

wildlife through their pets and how pets and wildlife interact and affect each other. He appears regularly as a wildlife expert on other *NatGeo WILD* series such as *Are You Smarter Than, How Human Are You, and Unlikely Animal Friends*.

David hosted and coproduced *Backyard Habitat* on *Animal Planet*. This series showed people how to transform their yards and gardens into thriving habitats for birds and other local wildlife.

David is a regular guest on *Conan*, *Inside Edition*, and NBC's *Today Show*. He's appeared on *TMZ Live*, *Access Hollywood Live*, *Fox and Friends*, *The Martha Stewart Show*, *ABC's Good Morning America*, and numerous other shows on networks including *HGTV*, *Sundance Channel*, *The Weather Channel*, *The History Channel*, *Headline News Network* and *CNN*. He blogs for *Animal Planet*, *Huffington Post*, *Boing Boing* and the *National Wildlife Federation*.

He has been interviewed and profiled in many national print publications, magazines and newspapers.

He is a regular speaker at environmental conferences both on the national and local level.



CHARLES WEBSTER – EMCEE

Charles Webster is Governmental Affairs Coordinator for Broward County Public Schools. Charles participates in advisory boards and is an active participant in the Take Stock in Children program. Charles is a former instructor in Florida Atlantic University's Microenterprise Business Program.

Charles earned his BA and his MBA from Nova University. He is a member of the National Black MBA Association and a member of the Board of directors of the Greater Fort Lauderdale Alliance. Together with his wife Carol, Charles founded Privileged Communications, Inc., an independent publishing company where they published Dr. Webster's books on success. He also produced and directed *Success!* a weekly cable access show celebrating the success of community leaders and students.

Educator – Elementary School

Giovanni Bonelli
Kelly DeVarona
Tara Dukanauskas
Monika Moorman
Beatrice Morin

Mary A. Bethune
Davie
North Andrews Gardens
Orange Brook
Orange Brook

Educator – Middle School

Mitchell Comiskey
Elizabeth Fahy
Tamara Lobban
Gabriela McCauley
Patricia Pascatore
Carolyn Sant Angelo
Scott Savett
Leaha Widrowicz-Perl

Forest Glen
New River
Lyons Creek
Apollo
Driftwood
Tequesta Trace
Parkway
Pines

Educator – High School

Debra Hixon
Vincent Newman
Keri Porter
Sean Simpson
Gregory Wisner

South Broward
McArthur
Wingate Oaks
Marjorie Stoneman Douglas
Lauderhill 6-12 STEM-MED

Student - Elementary School

Keira Fahy
Kenneth Hardemon-Pace
Ranveer Patel

North Andrews Gardens
Orange Brook
Gator Run

Student – Middle School

Carolina Campos
Jose Manuel Mendez III
Jetty Porter
Gabriel Valensin
Ethan Wigutow

Lyons Creek
Apollo
Forest Glen
New River
Nova

Student – High School

Sofia Cabrera
Keyla Correia
Kimberly Correia
Oleysa Malakhova

McArthur
South Broward
South Broward
South Broward

Custodial Staff

Elizabeth Feddeler
Aaron Jackson
Greggory Lockwood

Driftwood Middle
McNicol Middle
Lake Forest Elementary

Non-Instructional

Monica Chavakula
Susan Kebsch
Carol Rowe
Hazel Williams

Orange Brook Elementary
Eagle Point Elementary
Whispering Pines
Wingate Oaks Center

Schools

Beachside Montessori Village
Challenger Elementary School
Crystal Lake Middle School
Dania Elementary School
Driftwood Middle School
Griffin Elementary School
Lauderhill 6-12 STEM-MED
Lyons Creek Middle School
Margate Middle School
Marjorie Stoneman Douglas High School
New River Middle School
Northeast High School
Nova Middle School
Orange Brook Elementary School
Panther Run Elementary School
Parkside Elementary School
Silver Ridge Elementary School
South Broward High School
Tequesta Trace Middle School
The Quest Center
Westchester Elementary School
Whispering Pines School
Wilton Manors Elementary School

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CONGRATULATIONS!
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Park Info: 954-434-8111 • www.EvergladesHolidayPark.com
 21940 Griffin Road Ft. Lauderdale, FL 33332

National Wildlife Federation
 Salutes the Broward
 P3 Eco-Challenge Honorees!
 NWF applauds the efforts of Broward
 County schools, administrators and
 volunteers to carry out green initiatives
 through environmental stewardship.
 For more information on how NWF's
 Eco-Schools USA program can help
 you reach your sustainability goals
 please visit: nwf.org/eco-schoolsusa



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students and staff



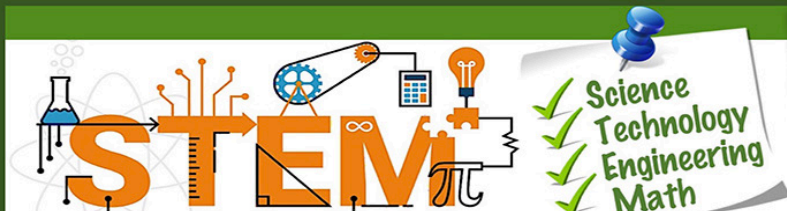
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South Florida Audubon Society is proud to be a sponsor of the 5th Annual

P₃ Eco-Challenge

We continue to support conservation, sustainability, environmental education and provide effective advocacy for the citizens of Broward County.

It is our partnerships that make us strong and effective in the community!

Congratulations!

southfloridaaudubon.org

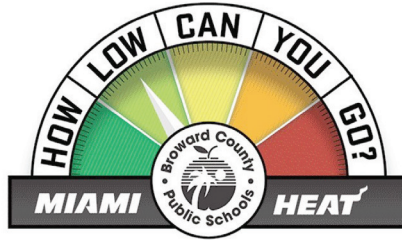


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Miami HEAT Teams Up with Schools to Reduce Energy Consumption via “How Low Can You Go?” Initiative

MIAMI - Congratulations to the 4th Annual How Low Can You Go Challenge Winners! These schools lead the way for the state of Florida in reducing CO₂ and conserving water. Thank you schools for participating in the 4th Annual How Low Can You Go Challenge! The ceremony was held on April 22 at the American Airlines Arena, where the winning schools received recognition for their sustainability efforts at their respective schools. This is the 1st year that the challenge went out to the entire state of Florida with 94 schools registering for the How Low Challenge. Each school received a plaque, banner, and tickets to the Heat game. Sandpiper Elementary, the winning school, also had a Miami Heat Extreme Pep Rally on April 18, 2017 at their school.

Here are the winning schools by categories.

Greatest percent Reduction in Energy

1. Sandpiper Elementary (Broward): 21 %- -113,613 kWh; Cost Savings \$10,964
2. Deerfield Beach Middle (Broward): 16 %- -118,711 kWh; Cost savings \$11,552
3. Dr. Edward Whigham Elementary (Miami-Dade): 13 % -65,960 kWh; Cost savings \$6,365

Most kWh Reduced

North Miami Beach Sr. High (Miami-Dade): 119,911 kWh \$11,571 Cost savings

Most Sustainable School for four years Energy Reduction

Seminole Middle School (Broward): 32%

Greatest percent of Water Reduction

Lauderhill 6-12 STEM-MED (Broward): 19%

94 school registered and 42 schools reduced:

- Broward: 697,078 kWh
- Miami-Dade: 784,637 kWh
- Palm Beach: 21,120 kWh

Total Reduced kWh for all schools: 1,502,835 kWh

Cost Savings for all schools: \$145,023



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<http://www.sierraclub.org/florida/broward>
Check out our Meetup and Facebook pages!

Our meetings are at Fern Forest on the first Thursday of the month, 7:00 PM.



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Congratulations to the 2017 P₃ Eco-Challenge finalists!

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Professional Development Opportunities

National Wildlife Federation Habitat Steward Training K-12 (Dates to be announced) 36 points

Participants will learn to implement the NatureScape initiative, achieve Schoolyard Habitat certification through the NWF and strategies for teaching water conservation, urban ecology, and environmental stewardship. The five-day course offers cross-curricular environmental activities that enhance the current science, literacy and math curriculum. Each day of this professional development will take place at a different location, giving the participants a chance to see the many habitats and natural resources in Broward County.

Schoolyard Habitat K-12 (Dates to be announced) 16 points

This class will provide a curriculum for teaching health, science, language arts, mathematics and social studies. Gardening for Nutrition from Florida Agriculture in the Classroom, Schoolyard Habitat certification through the NWF learning gardens and environmental education in partnership with NatureScape Broward will be covered in two one-day sessions.

For these workshops, please register through My Learning Plan (MLP)

Water Conservation PSA Contest

New this year to the P3 Eco-Challenge was a contest to create a Water Conservation Public Service Announcement (PSA). Students were asked to create a 30-second PSA video with the focus “#watermatters – Water Conservation: What students can do.” The idea of the contest was to empower students to educate others about the importance of water conservation in a creative way. The videos showed water conservation-minded behavior happening at schools and included water conservation facts. The winning school won a water bottle filler and the winning team won an additional prize.

Schools

- Beachside Montessori Village
- Boyd Anderson High School
- Challenger Elementary School
- Driftwood Middle School
- Griffin Elementary School
- Lauderhill 6-12 STEM-MED
- McArthur High School
- New River Middle School
- Orange Brook Elementary School
- Pines Middle School
- Ramblewood Middle School
- Silver Ridge Elementary School
- South Broward High School
- Tequesta Trace Middle School
- Winston Park Elementary School





P₃ Eco-Challenge

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