

2024

P3 Eco-Challenge Awards



May 8, 2024 • Long Key Nature Center

PHOTOS 2023

Prosperity • Preserving our



P3 Eco-Challenge 2024



The **Broward P3 Eco-Challenge** is a multi-divisional and organizational effort between **Broward County Public Schools (BCPS)**, **Broward County Natural Resources 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 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 five comprehensive categories: School Grounds Enhancement, School Sustainability, Curriculum Integration, Community Involvement and Administrative Support.

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

Broward County Natural Resources Division (BC NRD)

Monica Pognon, *Director, BC NRD*

Stefanie Chicko, *Assistant Director, BC NRD*

Vanessa Balta, *Water Conservation Manager, BC NRD*

Victor Suarez, Jordan Holaday and Karina Suarez
BC NRD Staff Members

BCPS Applied Learning Department

Susan Cantrick, *Director*

Dr. Lisa Milenkovic, *STEM+CS Supervisor*

Instructional Facilitators: Rebecca Malones, Summer Scarletelli,
Sheryl Arriola, Cindy Griffin, Annmargareth Marousky, and
Nunderia Adderley

Environmental Conservation Organization

Dawn Miller-Walker, *Science Eye*

Andy Roberts, *Youth Environmental Alliance*

Steve Weinsier, *Allstate Resource Management*

Robin Reccasina, *Sawgrass Nature Center and Wildlife Hospital*

AGENDA

P3 ECO-CHALLENGE AWARDS CEREMONY

Reception

Opening Remarks



Dr. JP Keener
BCPS Secondary Science Supervisor
Master of Ceremonies

Welcome



Vice Mayor Beam Furr
Broward County Commission District 6



Dr. Jennifer Jurado
Broward County Chief Resilience Officer



Debra Hixon
*Vice-Chair, School Board of Broward
County, Countywide At-Large, Seat 9*

P3 Eco-Challenge 2024



Introduction

Monica Pognon
*Director, Broward County Natural
Resources Division*



Recognition of All Stewards

Dawn Miller-Walker
Science Eye



Robin Reccasina
Sawgrass Nature Center and Wildlife Hospital



Andy Roberts
Youth Environmental Alliance



School Awards

Dr. Lisa Milenkovic
BCPS STEM + Computer Science Supervisor

Closing Remarks

Students

Aadhira Aravind
(Central Park Elementary)

Ihiyo Chadwick
(New River Middle)

Liviana Clarke
(Flamingo Elementary)

Anastasia Demard
(Crystal Lake Middle)

Emily Garcia
(Driftwood Middle)

Tramaine Hightower
(Whiddon-Rogers Education Center)

Savannah Jensen
(Wilton Manors Elementary)

Liliana Kinsey
(Liberty Elementary)

Abigail Murray
(Park Springs Elementary)

Kelcey Pierre
(Forest Glen Middle)

Robin Rajan
(Miramar High)

Charlotte Rowe
(South Plantation High)

Avrynn Tierney
(Silver Lakes Middle)

Annia Valenzuela Perez
(Hollywood Hills High)

Custodial Staff

Daniel Imbriale
(Gulfstream Early Learning Center)

Ralph Roberson
(Miramar High)

Non-Instructional Staff

Averil Mark
(Sheridan Hills Elementary)

Amanda Muir
(McNab Elementary)

Deborah Newell
(Chapel Trail Elementary)

Lillian Ortiz
(Nova Eisenhower Elementary)

Geeta Persaud
(Florana Elementary)

Lisa Schnoor
(Flamingo Elementary)

Georgia Toops
(Ramblewood Elementary)

Brantley Torrisi
(Griffin Elementary)

Educators

Traci Cohen
(Crystal Lake Middle)

Lisa Cook
(Hollywood Hills High)

Branden Davis
(Stoneman Douglas High)

Mia Hansen
(Park Springs Elementary)

Tahnee Harrell
(Miramar High)

Peggy Morgan Venuti
(Florana Elementary)

Beatrice Morin
(Flamingo Elementary)

Wade-Ann Morrison
(Sheridan Hills Elementary)

Diane Paillet
(Crystal Lake Middle)

Penelope Reinman
(Nob Hill Elementary)

Samia Said
(Annabel C Perry PreK-8)

Raul Sarzo
(Ramblewood Middle)

Zuwanja Smith
(Whiddon-Rogers Education Center)

Tram Tran
(Hollywood Hills High)

Schools

Central Park Elementary
Category 5

Coral Park Elementary
Category 1

Crystal Lake Middle
Category 1

Driftwood Middle
Categories 1, 2

Flamingo Elementary
Category 1

Florana Elementary
Category 2

Griffin Elementary
Categories 2, 4

Gulfstream Early Learning Center
Category 1

Marjory Stoneman Douglas High
Category 1

McNab Elementary
All Categories

Miramar High
All Categories

Nob Hill Elementary
Category 1

Park Springs Elementary
Categories 1, 3, 5

Sawgrass Springs Middle
Categories 1, 3, 4, 5

Tedder Elementary
Categories 1, 3

Virginia Shuman Young
Elementary
Categories 1, 2

Wilton Manors Elementary
Categories 1, 3, 5

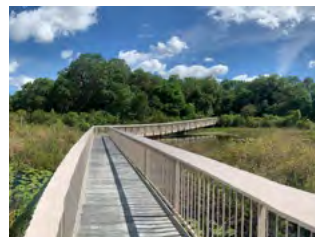
P3 Eco-Challenge 2024

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.



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 Ecology, 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 international event, NCF Envirothon, that includes the U.S.A., Canada and China. All three levels have cash awards and other prizes. Visit www.eco-tan.org for more information about participating in the next regional Envirothon on February 19, 2025.

P3 Eco-Challenge 2024



**There's Only One Everglades
and Only One Way to See it!**

EVERGLADES HOLIDAY PARK®

**EVERGLADES AIRBOAT TOUR
ALLIGATOR PRESENTATION
FREE GROUP PHOTO
ANIMAL ENCOUNTERS
AND MUCH MORE!**

**\$4 OFF ADULT
\$2 OFF CHILD**

***EVERGLADES AIRBOAT TOUR, GATOR SHOW
AND 1 FREE PROFESSIONAL GROUP PHOTO!**

Must present offer. Not valid with other offers. 1 group photo per party. Excludes VIP pickup & Animal Encounters. Children ages 3-11. Limited time offer. P3 Eco Challenge

CONGRATULATIONS!
**THANK YOU FOR GOING GREEN AND
MAKING THE EVERGLADES A BETTER
PLACE FOR EVERYONE TO ENJOY!**




**HOME OF THE
GATOR BOYS
ALLIGATOR RESCUE**

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






BROWARD 4-H YOUTH DEVELOPMENT PROGRAM

**UF IFAS Extension
UNIVERSITY OF FLORIDA**

**ENRICH YOUR
CLASSROOMS**

**LEARN BY
DOING**

ON THE MENU
Curriculum

 **STEM**


- Embryology
- Mission to Mars
- Exploring Energy
- Gardening & Hydroponics
- Junior Master Gardener

 **Family &
Consumer Sciences**

- Financial Literacy

 **Communication &
Expressive Arts**

- Public Speaking Program gives students the experience to prepare and deliver a speech.

 **Healthy Living**

- Healthy Snacks
- Fitness



LABS & PROJECTS

Broaden or supplement regular curriculum with a lab or project series. 4-H can provide learning kits including lesson plans, materials, and resources for long-range labs and projects in the myriad of curriculum options.

TEACHER TRAINING

Teacher training and professional development workshops can be specifically crafted for your school's interests and needs. Teachers will be able to take what they'll learn and provide specialized curriculum and enriching projects.

STEM DAYS

4-H can help you plan and execute class, grade level, or even school-wide STEM Days! In a collaborative effort, 4-H and school educators can provide students with an exciting day of engagement with their peers.

SCHOOL CLUBS

Want to help starting a school club on a specific topic or project? Adult leaders work in a collaborative process with student members on a specific project or topic that can take place over the course of weeks or months.


WHY CHOOSE 4-H?

- 4-H utilizes research-based curriculum, compliant with Florida State Standards with endless ways to suit your student's needs.
- ALL 4-H SERVICES ARE FREE OF CHARGE.

WANT MORE INFO?
**READY TO START
PLANNING?**

Schedule an online, over the phone, or in-person meeting with our Broward 4-H Agent.

Alexandra Goetz
(954) 756-8534
aqlar@ufl.edu



PLUS SO MUCH MORE!

P3 Eco-Challenge 2024



BROWARD COUNTY FLORIDA LIBRARY

What will YOU create today?

CREATION STATION

Broward.org/Library/Pages/CreationStation.aspx



It's Spring!

Get off the sofa. Put down the phone.
Go out and do something.

BROWARD COUNTY FLORIDA PARKS AND RECREATION

Broward.org/Parks

P3 Eco-Challenge 2024




Keeping our waterways clean
for 48 years with your help

waterwaycleanup.org/scholarship-opportunities



Marine Industries Association
of South Florida
Since 1969



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Through informed community engagement and collaboration with leaders across sectors, CLEO empowers Floridians to take action for a more **climate-resilient future.**

STAY IN TOUCH

305-573-5251
info@cleoinstitute.org
<https://cleoinstitute.org/>



P3 Eco-Challenge 2024

Hazen extends its congratulations to all the award recipients of the 12th Annual P₃ Eco-Challenge.

Hazen engages the next generation of environmental engineers and scientists by supporting STEM events and engineering competitions.

If you're trusted to protect public health or the environment, we can help.



Hazen

 all things water®

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A colorful illustration for Water Matters Day. It features a manatee, a frog, a bird, a butterfly, a sun, a cloud, a tree, and various plants and water droplets. The text "23RD ANNUAL BROWARD WATER MATTERS DAY 2025 SATURDAY MARCH 8" is prominently displayed in the center. Below the text, it says "Interactive educational displays and booths, tree giveaway for Broward residents, food trucks, children's activities and more." and "TREE TOPS PARK, 3900 SW 100TH AVE, DAVIE". At the bottom, it says "More information: watermatters.broward.org".

**23RD ANNUAL
BROWARD
WATER
MATTERS
DAY
2025
SATURDAY MARCH 8**

Interactive educational displays and booths, tree giveaway for Broward residents, food trucks, children's activities and more.

TREE TOPS PARK, 3900 SW 100TH AVE, DAVIE

More information: watermatters.broward.org

P3 Eco-Challenge 2024



At JM Family Enterprises, our story begins with great people. We take pride in creating a diverse workplace with associates who inspire action and create impact in business and in the communities where we live and work. That's what we do across our company, and it started with our founder Jim Moran in 1968.

Today, our strength in business is matched by our commitment to giving back across three focus areas: Empowering Families, Promoting Education and Embracing the Environment. And, with our nonprofit partners and the support of more than 5,000 associates companywide, we are driven to create an impact now and for the road ahead.



Our Family of Companies:



See our associates in action.

Visit jmfamily.com/our-impact

#WeAreJMFamil



Promote Ag, Buy a Tag!



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\$20 of each plate sale supports agriculture education.
For more information visit AgTag.org.

P3 Eco-Challenge 2024

Break Through in MARINE BIOLOGY



Explore and learn from South Florida's diverse marine ecosystems with a Marine Biology degree from Barry University.

Learn more today at barry.edu/marinebiology

Breakthrough @ **Barry University**

SAVE THE DATE

Broward
Sierra
Group Annual
Awards Banquet
Saturday, September
14, 2024 at 6:00pm

\$15 Members
\$20 Non Members

SCAN ME





CONGRATULATIONS

to the P3 Eco Challenge
Recipients!



CAMP
Live Oak
Nonprofit 501(c)(3)

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Fort Lauderdale


HISTORY FORT LAUDERDALE

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10AM-4PM



P3 Eco-Challenge 2024

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empower the
future leaders of
eco-consciousness
as they shape a
sustainable future
for all.



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SOUTH FLORIDA
AUDUBON SOCIETY



South Florida Audubon Society is proud to be a sponsor of the 12th 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



The National Wildlife Federation Salutes
the Broward P3 Eco-Challenge Honorees!

NWF applauds the efforts of students, teachers, administrators, and volunteers to carry out environment-based initiatives supporting community well-being, resource conservation, and wildlife protection.



Learn more about the National Wildlife Federation's education programs <https://www.nwf.org/Educational-Resources/Education-Programs>.

Broward Youth Climate Summit



The **Broward Youth Climate Summit** provides a platform for BCPS students in grades 5-12 to advocate for policy change and gives students a voice for promoting environmental sustainability.

Students at the summit attend breakout sessions with environmental experts, network with our community partners and share their yearly environmental research topic.

Browardschools.com/youthclimatesummit

‘How Low Can You Go?’ Initiative



Miami HEAT teams up with schools to reduce energy and water consumption via the *How Low Can You Go* Initiative.

In partnership with the Miami Heat, schools are challenged to find innovative ways to reduce your school’s carbon footprint in a 3-month period compared to previous years. Recognized by the White House, National Geographic, NOAA, and the NBA during Green Week as a highly effective and innovative model to reduce energy, water and food waste

For more information and to participate in this challenge, visit www.howlowcanyougochallenge.com

Summer Environmental Teacher Workshops

Register via **LAB**

- | | |
|------------|------------------------------------|
| 6/13/24 | NatureScape |
| 6/17/24 | Gardening 101 |
| 6/18/24 | Gardening 202 |
| 6/18/24 | Everglades Literacy K12 |
| 6/20/24 | STEMming up the Garden |
| 6/24-25/24 | Climate Change 101 |
| 6/25-26/24 | Farm Beats for AI and Data Science |
| 6/25-27/24 | Broward Habitat Stewards |



P₃ Eco-Challenge

Preserving Our Planet for Posterity



Curriculum Associates



BCPS Environmental Stewardship
browardschools.com



Natural Resources Division
broward.org/NaturalResources



Environmental
Conservation Organization
eco-tan.org

Funding for the P3 Eco-Challenge Award Ceremony is provided in part by the Broward County Board of County Commissioners As recommended by the Broward County Natural Resources Division.

An equal opportunity employer and provider of services. 100 copies of this public document were promulgated at a gross cost of \$360.00 and \$3.60 per copy to promote the P3 Eco-Challenge.