



## What is Urban Horticulture & Natural Resources?

Urban horticulture programs are designed to help residents with environmental and pest control needs. Master Gardeners,

Education/Training Specialists and Extension Agent are always available to assist with landscape and gardening questions.

Programs, such as Florida Friendly Landscaping™, teach residents to maintain attractive landscapes while reducing yard waste, pesticide, fertilizer, and water use.

*Together, we keep Broward green!*

*Broward County Extension is a cooperative service of Broward County Board of County Commissioners and the University of Florida. The Institute of Food and Agricultural Sciences (IFAS)*

*is an Equal Opportunity Institution.*

## A Note From the County

### Extension Directors Desk



Dear "Broward Green Bites" Readers,

Lorna Bravo is the new Broward County Extension Director and Urban Horticulture agent. Lorna is not new to Extension, she has served on Extension Advisory Committees for Miami-Dade, 4-H Youth Development and Florida Friendly Neighborhoods program. She is also a graduate of the Master Gardener program. She will be the first to credit the knowledge she gathered from her training.

Lorna is a Florida Water Star inspector and LEED project manager. She is certified by the U.S. Green Building Council (USGBC) as a LEED Accredited Professional. This accreditation verifies her knowledge of green building design, practices, and strategies, and a thorough understanding of the LEED Green Building Rating System, Resources, and Processes set by the USGBC. She has developed and implemented hands-on K-12 STEM education activities including eight school butterfly pollinator gardens, while being president of Design Build Green Integration.

Lorna joins our Extension team with a Bachelor of Science in Architecture from The Cooper Union, in NY, a Master of Science in Construction Management from Florida International University and is currently pursuing her Ph.D. in Horticulture Science at the University of Florida researching water conservation in the built environment.

"I am excited to be a part of the Broward Extension team and to continue to share my knowledge with the community and volunteers. I strongly believe that Environmental Sustainability can start in our own backyards."

Warm Regards,

Lorna Bravo, Urban Horticulture Agent II, CED LEED AP BD+C

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## UPCOMING Events



*Seasons Change and a Complex Ballet Unfolds Around the World... Global Warming is Changing the Music.*

### Is Climate Changing More Rapidly Than Species Can Adapt?

*Not all species are adjusting to this warming at the same rate, as a result, some are falling out of step. Join us as we discuss how this might affect our plants and animals.*



**SAVE THE DATE:** Tuesday, September 18, 2018 8:30 AM  
NatureScape Meeting hosted by



8:45 AM -Registration, Coffee & Light Refreshments

9:00 AM -Programing

UF/IFAS Extension Education, Auditorium  
3245 College Avenue, Davie, Florida 33314

Please **RSVP** by September 3, 2018 to [RBECHARD BUTMAN@BROWARD.ORG](mailto:RBECHARD BUTMAN@BROWARD.ORG)

## CHECK OUT THESE ONLINE RESOURCES:

UF/IFAS Extension Website: <http://sfyl.ifas.ufl.edu/broward/urban-horticulture-and-natural-resources/>

EDIS Publications: <http://edis.ifas.ufl.edu/>

Florida Master Gardener: <http://gardeningsolutions.ifas.ufl.edu/mastergardener/>

Florida Master Naturalist: <http://www.masternaturalist.ifas.ufl.edu/>

Florida Friendly Landscapes: <http://fyn.ifas.ufl.edu/>

Gardening Solutions: <http://gardeningsolutions.ifas.ufl.edu/>

Broward Master Gardener: <http://sfyl.ifas.ufl.edu/broward/urban-horticulture->

# 2018 Master Gardeners & Master Naturalists



## Site Visit: Tin Box Home

### What does Sustainability look like?

The Urban Horticulture program organized a Master Gardener trip to the Tin Box home in which Master Gardeners were able to see innovative ways to utilize FFL principles, compost, edible landscaping, water and energy conservation.



2018 Master Gardeners celebrating class completion and learning about the importance of pollinators during a Monarch Butterfly release.

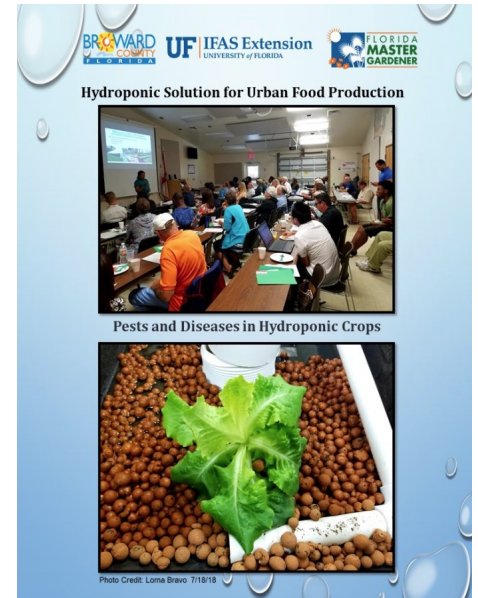


# Hydroponics Solutions for Urban Food Production Event

At Extension on July 18<sup>th</sup>, 2018

Hydroponics is a growing alternative to produce high quality and profitable specialty crops such as herbs, greens and cut flowers in places that are not suitable for cultivation. Hydroponic technologies also have the advantage of increasing production per square foot in comparison with traditional agriculture.

UF/IFAS Extension Broward County launched the first hydroponic workshop and provided a platform to have UF specialists and other county agents share their expertise with hydroponics for urban food production. The workshop offered opportunities for the public to learn about hydroponic growing techniques, including a demonstration and display. We had a full house and we are very excited to continue to grow the program.



## NEW HYDROPONIC DEMO STATION FOR MASTER GARDENERS AND VEGETABLE GARDEN



### Demonstration Gardens

The Urban Horticulture program is continuing to work with the FLREC (Ft. Lauderdale Research & Education Center) to maintain a butterfly demonstration garden in the FLREC Courtyard and a demonstration vegetable garden as well as creating a pollinator garden and a propagation area in the green house.

We are working in developing new Master Gardener volunteer project opportunities.

### UF/IFAS Extension Office Wellness program

Our new hydroponic project will be growing herbs for healthy recipes that will contribute to Broward County's Office wellness program.





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**3245 College Ave**  
**Davie, Florida 33314**

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Single copies of UF/IFAS Extension publications (excluding 4-H and Youth publications) are available free to Florida residents from county UF/IFAS offices.