

For Immediate Release

3...2...1... LIFTOFF! BECOME A SPACE FARMER WITH FAIRCHILD GARDEN'S GROWING BEYOND EARTH SUMMER EXPERIENCE 2020
Discover New Ways to Grow Vegetables on Earth And In Space for NASA Astronauts

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High Res Images Available



MIAMI, FL. (June 10, 2020) - Known as one of the premier conservation and education-based gardens in the world, [Fairchild Tropical Botanic Garden](#) will be shooting for the stars this summer with the launch of [Growing Beyond Earth Summer Experience 2020](#). This six-week virtual summer camp experience teaches young scientists how to become 'Space Farmers' by growing vegetables in the same type of garden chamber used by NASA astronauts on the International Space Station (ISS). Beginning June 29 - August 7, 2020, students will enjoy interactive, online ZOOM classes with a nationwide team for two hours daily (M-F), making scientific discoveries and sharing valuable research with NASA researchers that benefit generations of future astronauts.

Growing Beyond Earth Summer Experience is divided into three age-appropriate program sessions:

- Emerging Explorers (ages 7-11) Daily 10-11AM; Question & Answer sessions with NASA scientist 1-2PM
- Young Scientists (ages 12-16) Daily 11AM-12PM; Question & Answer sessions with NASA scientist 2-3PM
- Families (Great for all ages, including adults) Tuesdays and Thursdays 4-5PM; The family sessions will introduce a range of guest speakers, including NASA scientists Dr. Gioia Massa and Dr. Jacob Torres

To join the Growing Beyond Earth Research Team, [program registration](#) is open and costs \$500 for Members and \$600 for Non-Members. Plant Growth Chamber Equipment (required) can be rented for \$50 or purchased for \$500. For more information, please email education@fairchildgarden.org or join the live information sessions via ZOOM:

- Saturday, June 13, at 1PM
- Wednesday, June 17, at 6:30PM

Since 2015, Fairchild has partnered with researchers at NASA to address their current space exploration objectives concerning food production aboard the spacecraft. What began with classroom-based citizen science now expands into something new with the Growing Beyond Earth (GBE) Innovation Studio. Set to open this summer at Fairchild, the Innovation Studio will be a makerspace where participants will design, fabricate and prototype systems to address NASA engineering challenges. A wholly unique location, the GBE Innovation Studio will be the world's first makerspace in a botanic garden, the first public facility dedicated to NASA's food production challenges, and the first project to leverage community input in the development of plant-growing hardware.



This project is based upon the work supported by NASA under award No. NNX16AM32G. Any opinions, findings and conclusions or recommendations expressed in this material are those of the author and not necessarily the views of the National Aeronautics and Space Administration.



Fairchild Tropical Botanic Garden is located at 10901 Old Cutler Road, Coral Gables, FL. 33156. Stay up to date by following along on Facebook at [@FairchildGarden](#), Twitter at [@FairchildGarden](#) and Instagram at [@fairchildgarden](#).

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Fairchild Tropical Botanic Garden

Fairchild Garden is currently celebrating its 82nd anniversary in the community. Established in 1938 and comprising of 83 acres, Fairchild is a 501(c)(3) non-profit organization committed to exploring, explaining and conserving the world of tropical plants. The Garden is recognized both nationally and internationally as the premier leader in conservation and education-based programs with field operations in over 20 countries including support to protected areas globally from Madagascar to Central America. Fairchild has the largest education program of any metropolitan area, reaching more than 300,000 schoolchildren each year with programs like [The Fairchild Challenge](#), [The Million Orchid Project](#), [Growing Beyond Earth](#), and its BioTECH High School. Special events include Chocolate, Mango and Orchid Festivals in addition to art exhibitions, concerts, plant sales and more.



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