Wow—2018 has been busy! The year started off with StarLab, our portable planetarium. MoLab provided shows to the Wakulla Library as well as made our annual visit to Maclay’s preschool children. StarLab is always a hit!

MoLab always has fun participating in community events such as: Holy Comforter’s STEAM Saturday, Museum of Florida History’s Children’s Day, Canopy Oaks Science Night, MagLab Open House, and Florida Fish and Wildlife Conservation Commission’s Outdoor Experience. What great organizations and events!

MoLab conducted two extended day programs this spring. A 10 week after-school program to Holy Comforter and 9 weeks of before-school programming at Swift Creek Middle School. MoLab also showcased its Sound Science Investigation Workshop to first graders at Roberts Elementary.

Spring Camp Spark had campers experimenting with hands-on STEAM activities while on break. What a superb spring semester!

Summer was full of activities beginning with our Summer Camp Spark—Igniting Knowledge!

A new partnership this year was with FSU’s Innovation Hub helping to print campers’ 3D objects. Campers—look out next year as MoLab will offer offsite 3D design labs at FSU’s high-tech Hub!

MoLab provided a second year of summer programming in partnership with the City of Tallahassee’s TAPP Program. MoLab conducted an eight-week, hands-on Investigation Workshop that focused on non-point source pollution. MoLab visited six Tallahassee community centers and 380 students participated in this environmental program.

Also this summer, MoLab conducted seven-weeks of programming at Gilchrist Elementary School as well as provided programs for the benefit of those at the Rotary Youth Camp in Hosford, Florida. What a fun and busy summer!

MoLab’s Science On Tap @ Proof was a great success! The event netted $1,132.41 and funds raised helped purchase new Lego Robotic Kits and went toward Phase I transformation of MoBus. Thank you to all who attended, donated, and provided awesome silent auction items! A HUGE thank you to Proof for the amazing space and Mobi for the delicious food! A thank you to our sponsors as well: Jowers Automotive and The UPS Store at Lake Ella Plaza. This will be MoLab’s annual event and we cannot wait for Science on Tap @ Proof 2019!

Fall is gearing up to be another busy session of programming. Remember...camp is always around the corner!

MoBus Update! Phase I Transformation Complete...

Read More & See What She Looks Like Now!
MoBus has window clings! Thank you to our sponsors: Independent Green Technologies, Morrison Law, and Law Offices of Stuart E. Goldberg, P.L. They look great—don’t forget to honk for science when you see us driving around town!

MoBus Now

MoBus spent the summer at Patton’s Alignment undergoing phase I transformation. This phase consisted of fixing water damage, building small risers to go over the wheel wells, finishing out the walls, replacing ceiling panels, and starting the build-out of tables for the two stations. Below is what she looks like now. Thank you Patton’s and Phil Stancil for a GREAT job!

What’s Next for MoBus?

MoBus—A Mobile Solar Science Sustainability Lab

MoBus will be transformed into a Solar Science Sustainability Lab. The Lab will provide hands-on solar science and environmental sustainability experiences. This will include, but not be limited to: circuitry, solar cell technology, and the connection between energy and all living things. The interactive Lab will provide real-world learning experiences through project-based education that will help enable youth to think, create problem solve, and become life-long sustainable advocates.

The Lab will have the capability to accommodate a typical class size. The classes will be fifty minutes in length and MoLab will be able to conduct up to 6 classes per day.

The Experience:

Inside, MoBus will consist of two stations: the Sustainability Station and the FabLab area.

At the Sustainability Station, students will explore renewable energy and discover why solar energy is a good sustainable energy source for our region. They will receive an introduction to electricity and learn how a solar cell is engineered. Activities could include creating their own 3D model of the anatomy of a solar cell.

In the FabLab area, students will work collaboratively as they create, build, fabricate, problem-solve, test, re-test, and play. Students will delve more into the physics of electricity. They will become familiar with terms related to electricity as they participate in a series of hands-on experiments in solar science.

Guest Bartending at Madison Social—Save The Date!

Aimee and Trish are at it again for another fun guest bartending event at Madison Social!

Please mark your calendars and join us Thursday, November 15 from 6:00 p.m. to 8:00 p.m. as we put our chemistry concocting skills to work. Funds raised will go toward MoBus and its phase II efforts.

Bonus...there will be a drawing the evening of the event for a chance to win a FSU Tailgate Table Package for the Boston College game on November 17, 2018!

This package includes: one patio table facing Doak Campbell Stadium; access to the table 4 hours before the game for 8-15 people (the table is yours for as long as you want with a caveat that once you vacate the table it’s up for grabs); 24 wings, 24 beers, and your very own server!

Tickets are $10 each and on sale now! Please visit www.tallymolab.org to purchase your tickets today! You must be present to win.

Enjoy delightful drinks made with MoLove by Aimee and Trish and help MoBus get one step closer to becoming a Solar Science Sustainability Lab!
Providing the fuel to ignite excitement and curiosity to the sciences – MoLab – was founded by two passionate women who had a vision to go beyond the confinement of a physical location to educate about the wonders of science. MoLab drives science education to schools, after-school activities, outreach programs, community events...anywhere there is a need.

**Mission Statement:** To provide on-the-go, dynamic, hands-on and inquiry-based science experiences through a mobile laboratory that promotes discovery.

**Vision Statement:** To provide resources that cultivate and inspire a greater understanding of the role of sciences in our world.

**Philosophy:** Based on equal access to hands-on science education and expertise – creatively and positively impacting those we serve.

The goal of MoLab is to enhance student achievement in Science, Technology, Engineering, and Mathematics (STEM) in a fun, interactive setting that allows students to realize career paths in STEM related fields. All of MoLab’s curriculum assists in developing 21st Century learning skills through project-based education and helps promote digital literacy through programs that enable youth to think, create and communicate effectively.

Based on successful models throughout the country and a member of the Mobile Laboratory Coalition, MoLab provides a vehicle for onsite and offsite interactive engagement. The founders share an excitement for increasing hands-on inquiry in education, for creating the “aha” moments, and for inspiring the next generation of innovators.

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Registration for Fall Camp Spark—Igniting Knowledge! is now OPEN

Fall Camp Spark will take place November 19, 20, and 21, 2018. Daily sessions will be located at St. Paul’s United Methodist Church, 1700 North Meridian Road, Tallahassee, FL 32303.

Fall Camp Spark offers students 5 years old through grade 8 the opportunity to participate in STEAM (Science, Technology, Engineering, Art, and Mathematics) activities in a fun, interactive, and safe environment. Each daily session will present campers the opportunity to explore science through creative play, experimentation, and inquiry-based learning experiences. The sessions present age-appropriate curriculum and are designed to provide students with engaging educational activities that are both informative and entertaining.

Registration is now OPEN! Our Camps fill on a first-come, first-served basis. Daily Camp fees are $45 per day, which includes lunch and 2 snacks. A discounted rate is available for multiple days and additional siblings. Hours are from 9 a.m. to 4 p.m. Drop off starts at 8:45 a.m. and pick up is until 4:15 p.m.

Extended Camp care is available at 7:45 a.m. for $5/day & until 6 p.m. for $5/day.

For more information and to register, please visit: [www.tallymolab.org](http://www.tallymolab.org).

Camp Spark makes learning fun and links Science, Technology, Engineering, Art, and Mathematics (STEAM) concepts to the real-world.