

**2019-20 FPL EmPOWERing STEM Educators  
Project Summaries**

COUNTY	ORGANIZATION	PROJECT TITLE	SUMMARY
Collier	Champions for Learning	EmPOWERing Educators Through School Partners	This project will impact 18 new teachers, giving them the opportunity to observe experienced science teachers and support the need to strengthen science instruction and student learning at all levels.
Flagler	Flagler County Education Foundation	FPL (Flagler Peer Learning)	This peer-to-peer learning opportunity will allow 4th and 5th grade teacher participants to spend time solely focused on the 3rd-5th grade state science standards. The intention is that this will allow six Teacher Leaders to facilitate a session in which they share their lesson plan/project with the Teacher Observers. As a part of their lesson the Teacher Leaders will each have a supply/material packet they will provide each Teacher Observer to take back to their class and use immediately.
Indian River	Education Foundation of Indian River County	Empowering our Secondary Educators	The peer-to-peer learning opportunities will allow middle school science teachers time to establish their STEM goals, plan instruction for a blended model, observe/share resources, and monitor student progress. The importance for student equity is to ensure equal educational opportunities for all; this project will support these efforts.
Lee	The Foundation for Lee County Public Schools, Inc.	Go with the FLOW	This grant will cover training stipends and substitutes for 24 teachers invited to participate in a peer to peer collaborative training project impacting 7,200 students in middle school and high school. The training supports will come from a water quality monitoring curriculum that was developed over the last two years by a partnership between FGCU and Lee County Teachers, and implemented at one middle school and two high schools, and by Argument Driven Inquiry Trained teachers. The workshop will be very heavy in both content and hands-on inquiry experiences. Teachers who have been developing these types of lessons for their science programs at the middle school and high school levels will serve to mentor other teachers in leading and learning cadres. These teams of mentors and observers will meet to train, then collaborate and coach each other, then pairs of teachers will support each other in producing and refining additional lessons that will motivate students to actively construct their own understanding. Peer to peer training facilitates the sustainability of the program.
Martin	Education Foundation of Martin County	Peers in Public Practice: Bringing STEM to	Our need is to have teachers learn best practices for math and science instruction to ensure all students are successful in these subjects. Teachers learning from other teachers is one of the best professional development opportunities, and this grant will ensure that this can occur. This year, we will be focusing on our newer teachers as we have more entering our district with 0-3 years of overall teaching experience. By providing these new teachers an additional layer of support, we are more likely to see improved student achievement and a longer retention rate within the district.
Palm Beach	Education Foundation of Palm Beach County	2019-2020 EmPOWERing STEM Educators	The intention of this program is to help close achievement gap in underrepresented minority groups and students living in poverty. Feedback from teachers who participated in last year's peer to peer learning cohort was positive, and teachers reported that participating helped to improve their instruction.
St. Johns	Investing In Kids	Improving Instruction and Learning Through	This program will replicate the Lesson Study model for 6th grade math and 8th grade science teachers, having two days of the lead teacher modeling a STEM lesson while other teachers observe the class. During a third meeting we will create and refine STEM lessons that will become part of our district curriculum maps.
Volusia	Futures Foundation for Volusia County	EmPowering a School District for STEM Support	This project will support teachers who have been trained by Ford Next Generation program that is meant to create education leaders in STEM. In addition, these teachers' students excel in the standardized testing as well as in many real-world arena. Students are charged with being in control of their assignments and have a vested interest in their learning.