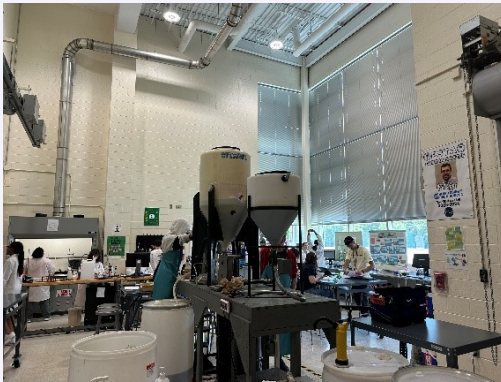


August 2024

Featured Article



2024 Bengal Biodiesel Summer Internship Program

Blythewood High School houses a program created and run by Mr. William Epps called Bengal Biodiesel. The program, a past recipient of the SC State Energy Office Mini Grant, has been successful, not only in biodiesel production, but also in preparing students for a career in STEM. The work performed by Mr. Epps and the students mirror a chemical

manufacturing facility by offering hands-on experience in production and analytical skills. These skills, along with industry-standard certifications and over 170 lab hours, open many doors to entry-level STEM careers for recent graduates.

This year marks Bengal Biodiesel's first summer internship program open to Richland School District Two Rising Juniors and Seniors. Participants spent the first week in lab safety skills training to gain confidence in and knowledge of the processes. Subsequently, the interns worked as a unit to produce ASTM-standard biodiesel successfully and sustainably. Biodiesel is not the only product being produced by Bengal Biodiesel. In an effort to promote sustainability, Bengal Biodiesel repurposes glycerin, a by-product of biodiesel production, to create hand soap, which will soon be offered for sale.

At the end of the program, Bengal Biodiesel will have a drop-in celebration. This event will be scheduled for late July to give the public and industry partners an opportunity to interact with the interns and learn about their experiences in the Bengal Biodiesel program.

Palmetto Clean Fuels in Action



Palmetto Clean Fuels (PCF) would like to welcome two new interns!

Nailah Outing is a rising Senior at Claflin University where she is majoring in Environmental Science. As a prior summer intern, Nailah is a familiar face with the State Energy Office and has returned to expand her knowledge through PCF. She has a passion for community engagement, environmental justice, and learning more about clean energy and transportation.



Maxwell Goble is a rising Junior at The University of South Carolina, where he is studying Environmental Science. His personal interests lie in the intersection of policy and the environment, and he is very excited to be interning with PCF. He is also looking forward to learning more about clean energy and transportation.

Articles

[Clean aviation startup ZeroAvia lands deal with American Airlines to buy 100 plane engines](#)

[Navigating the Clean Energy Transition with Sustainable Lithium Battery Recycling](#)

[Tesla patented self-cleaning tech for its robotaxis that don't exist yet | Popular Science](#)

Training and Events

Sustainable Fleet Technology Conference and Expo

August 13-15, 2024 | Durham, NC

Register at <https://www.sustainablefleetexpo.com/>

Forth Roadmap Conference

September 25-26, 2024 | Detroit, MI

Register at <https://www.roadmapforth.org/>

After a decade of hosting the Roadmap Conference in Portland, OR, Forth is relocating the conference to Detroit, MI. Detroit has applied innovation and hard work to build a better future, thus serving as an example of how innovation and workforce development can build upon each other.

Drive Electric Columbia – Soda City Market

September 28, 2024 from 9AM to 1PM | Columbia, SC

About Palmetto Clean Fuels

Palmetto Clean Fuels Coalition (PCF) is an initiative of the Office of Regulatory Staff - Energy Office. PCF works to increase the use of alternative fuels and advanced vehicle technologies in South Carolina. PCF strives to help public and private entities, as well as individuals, lower fuel costs, improve air quality, and reduce petroleum consumption. PCF also promotes idle reduction, fuel economy measures, vehicle miles traveled reductions, and bicycle and pedestrian efforts.



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