



Linda Hargrove <lhargro6@uncc.edu>

UNC Charlotte Spring 2021 CEE newsletter

1 message

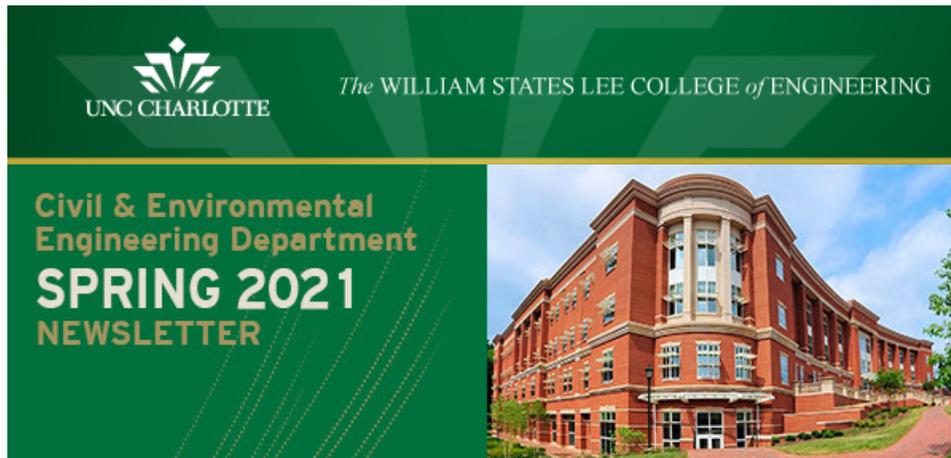
UNC Charlotte Civil and Environmental Engineering <cee.dept@uncc.edu>

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Reply-To: University Communications <reply-feb9137971630278-3100_HTML-180896000-515007859-1@mc.uncc.edu>

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Friends,

Today is a new day! Each one of you has my best wishes as we begin to emerge from the fog of COVID-19. I hope you enjoy reading about the enclosed summary of achievements from our faculty, staff, students, and alumni from the Spring 2021 semester. Our inspiring faculty continue to lead research with national and international impact, receiving new or ongoing support from the federal government (e.g., National Science Foundation, Department of Defense, Department of Transportation), state governments (e.g., North Carolina, Iowa), the City of Charlotte, and industry partners (Tindall, Evoqua).

This support (~\$3.5M in annual research expenditures) has enabled us to solve meaningful challenges while providing unique experiences for our students. We awarded degrees to 60 undergraduate and nine graduate students (seven Masters and two PhDs). Feel free to share this newsletter with your friends and peers. And send us *your* accomplishments so we can celebrate them in a future edition!

Warmly,

John Daniels
 Chair, Civil and Environmental Engineering
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UNC Charlotte Aviation Industry Webinar

On April 22, 2021, the department held its first-ever aviation-related webinar. The two-hour online event attracted more than 180 registrants from a wide range of institutions and agencies in the U.S. and abroad.

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In the News: Dr. Olya Keen

Olya Keen, Ph.D. studies emerging contaminants and wastewater treatment through ultraviolet (UV) based technology, advanced oxidation, and biological treatment. She was a WRRRI-supported researcher in 2019 for her work on treating algal toxins in drinking water through UV applications.

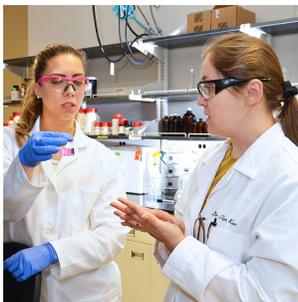
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CEE Faculty Receives Fulbright

Dr. Vincent (Tobi) Ogunro has received a Fulbright U.S. Scholar Program award to Nigeria. Dr. Ogunro will conduct research and lecture at Covenant University, studying the effectiveness of soils treated with water repellent or hydrophobic additives to serve as a barrier layer in landfill systems.

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Awards, Publications and Honors

CEE faculty have been busy this year. Check out the most recent publications and awards from funding agencies including the National Science Foundation (NSF), the North Carolina Departments of Transportation (NCDOT) and Environmental Quality (NCDEQ), and local private firms.

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Graduate Student News

Our graduate students continued to do research during Spring semester as they complied with COVID-19 safety requirements on campus. They also participated in virtual events held by the department including a research symposium.

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Undergraduate Student News



Our undergraduate students excelled in an atypical year. The annual Explore & Celebrate CEE Day connected students with prospective employers, and the Senior Design Showcase participants designed a connector access road for the airport observation area at Charlotte Douglas International Airport (CLT).

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