

NEWS

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Samuel Ginn
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Announcements

Last 2023 SGC OE Faculty Research Colloquium This Week

Date: Wednesday, November 15, 2023

Time: 12:00-1:00 pm

Location: Brown-Kopel, 3rd Floor Grand Hall

SGCOE will host its last faculty research colloquium of 2023 this Wednesday. Dr. Maria Auad and Dr. Sathyanarayanan Aakur (CSSE) will speak. Please join us! Lunch will be provided for attendees.

New Policy: Employees hosting international visitors on campus must request prior approval

According to Auburn University's new policy published October 27, all employees must request approval from the Office of Research Security Compliance at least one month before hosting international visitors at any AU location. See more information about the new policy [here](#). If you have any questions, please contact Tony Novara at tan0005@auburn.edu.

Center Spotlight

Alabama Center for Paper & Bioresource Engineering



The Alabama Center for Paper & Bioresource Engineering (AC-PABE) is the focus of this week's Center Spotlight. Hosted within the Department of Chemical Engineering, this center's research features the various uses of fibrous raw materials (like trees) in both traditional methods of paper-making and new integrated biorefining techniques to create value-added bio-based products. Since 2017, the center has five granted patents, thirty-three publications, and has been the PI or co-PI on 28 grants totaling more than \$36 million. The center's facilities include a complete, controlled-conditioned, wet-test laboratory where pulp, paper, and biomass are physically and chemically evaluated.

AC-PABE's missions are to provide relevant education in science and engineering that meets the needs of pulp, paper and allied industries; conduct research in line with the industry's R&D agenda; create and apply technology to the industry consistent with the industry's technology vision; and provide timely technical information to the operating sector of the industry. In addition to their partnership with the Auburn Pulp and Paper Foundation, AC-PABE provides technical services to pulp, paper and allied industries as well as outreach to the community and schools in efforts to improve access to educational resources, systems, and innovation.

Read more about the Alabama Center for Paper & Bioresource Engineering at their website [here](#).

Funding Opportunities

Saving Lives with Connectivity: Accelerating Vehicle to Everything (V2X) Deployment

Due: January 17, 2024

DOT: Federal Highway Administration

Areas of interest: transportation, transportation safety and planning, sustainable engineering, wireless connectivity

The DOT seeks to deliver a world-class transportation system that advances safe, efficient, equitable, and sustainable mobility choices for all while strengthening our nation's economy. Wireless connectivity (among vehicles, mobile devices, and smart infrastructure) is a fundamental element of any modern, world-class transportation system. Research that improves system safety, enhances traveler mobility, improves the efficiency of goods movement, mitigates environmental impacts, addresses disparities in transportation equity, and demonstrates a significant return on investment will be considered.

Read more about this opportunity [here](#).

Innovations Deserving Exploratory Analysis Programs (IDEA)

Due: Various

National Academies of Sciences, Engineering, and Medicine: Transportation Research Board

Areas of interest: transportation, transportation safety and planning

The IDEA program offers research funding for promising but unproven innovations in highways, transit, and railroad safety and performance. There are three areas included in the call:

The **Rail Safety program** fosters innovative approaches to improving railroad safety or performance. **Due December 15, 2023**

The **NCHRP** fosters innovative concepts for design, construction, safety, maintenance, operations, and management of highway systems. **Due March 1, 2024**

The **Transit program** fosters innovative approaches with potential to enhance security, increase ridership, and improve efficiency for transit systems. **Due May 15, 2024**

Read more about this opportunity [here](#).

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