NEWS OF THE WEEK

MAY 23, 2022

CBE IN THE NEWS
- **Updates regarding the COVID-19 vaccine**
- **Research worth funding**

DEPARTMENT'S SEMINAR/EVENTS:

- **Babatunde A. Ogunnaike Memorial livestream recording**

- **DSM Nutritional Products**
  Tuesday, May 31, 2022 at 9:00 AM in 366 CLB
  and via Zoom: **https://udel.zoom.us/j/96500020782**
  "Conceptualization, Design, and Scale-Up of Sustainable Polyunsaturated Fatty Acid Production (Omega-3s) by Microbial Fermentation"

- **CBE 4th Year Talk**
  Wednesday, June 1, 2022
  Location: Perkins Student Center
  The 4th year Graduate Students will present their research at the Research Review on Wednesday, June 1, 2022 (location to be announced at a later time). The Chemical & Biomolecular Engineering Research Review is for fellow students, faculty, and industry. Although this event is free, registration is strongly recommended.

GAAN FELLOWS
- **GAAN Fellows Application**
  The application requires your CV, a 1 page statement of interest in an academic career (or potentially an academic career) and the impact of inclusivity in education, filing out the FAFSA form, and filling out the FAFSA data release form.

  For those that don't know – GAANN is a Department of Education funded graduate training program, aimed at better preparing PhD's for future careers in research and teaching – leading to a more diverse discipline. Our specific program focuses on inclusive teaching, as one means towards improving representation in Chemical Engineering.

  Any PhD student that has done at least one semester of TA (this can be currently happening) is eligible – typically students in their 2nd-3rd year. Previous recipients of GAANN funding are eligible, but priority is given to first time applicants. Teaching Fellows recipients are likewise eligible. You must be a US citizen or permanent resident to be eligible for funding, but anyone is eligible to participate in most aspects of the program.

  GAANN supported fellows will receive support for their stipend and tuition through project funds. GAANN supported fellows also receive payment for fees, in addition to the stipend.

  GAANN fellows do a few hours of training over the summer and meet bi-weekly throughout the year to learn about pedagogy, inclusive teaching, do 2-3 lectures of mentored teaching in a core CBE course, and give/provide feedback to others in the cohort.

  CLICK HERE to apply

JOBS/RECRUITING

- **University of Central Florida**
  Position: **Postdoctoral Associate**
  Job #: 502276
  Brief description: The Florida Solar Energy Center (FSEC) at the University of Central Florida (UCF) is seeking a postdoctoral researcher to support their partnership with the Obantarla Corporation. This chemical process R&D role will explore fundamental chemical kinetics and thermodynamics that underpin small, modular processes to convert stranded gas to fungible, low-carbon derivatives. The postdoctoral scholar will design and execute experiments to measure critical reaction kinetic data, interpret that data in the context of lifecycle carbon intensity and process economics, and explore ways to intensify the process.

- **U.S. Army DEVCOM Chemical Biological Center**
  Position: **Research Physical Scientist/Materials Scientist, Postdoctoral Research Associate**
  Brief description: An opening exists for a researcher at the Ph.D. level in the Decontamination Sciences Branch (DSB) in the Research and Technology directorate at DEVCOM Chemical Biological Center (CBC). The DSB performs fundamental and applied research associated with the neutralization, removal, and mitigation of chemical warfare agent hazards that arise from contaminated and post-decontaminated materials. Understanding the mechanisms that drive these processes requires the use of interdependent experimental and computational techniques to study chemical transport phenomena and chemical-material interactions over a wide range of spatial and temporal scales.

Available positions can be found on the Chemical & Biomolecular Engineering opportunity website, so be sure to check it regularly.