NEWS OF THE WEEK

SEPTEMBER 13, 2023

CBE in the NEWS

• Updates regarding the COVID19 vaccine.

• NSF Announces $44 Million for Synthetic Research to Reduce Airplane and Ski Emissions.

DEPARTMENTS SEMINAR/EVENTS:

• CBE Seminar Series
  • Dr. Haim Tan, University of Rhode Island at UConn-Champaign
    Friday, September 17, 2021 at 10:00 AM in 328 CBB
    Synthetic Biology: Future Syntheses Into Biologicals
  • Dr. Stacey Finnley, University of Southern California
    Friday, September 24, 2021 at 10:00 AM in 328 CBB
    Mechanistic Modeling of Immune Cell Activation in Cancer

• CHEG Moo Mobile
  • Thursday, September 16, 2021 from 12:30 PM to 1:14 PM at Lab 0 and DEFIC Teams
    Ticket pick-ups available at 037 CBB on September 15 from 10:30 AM - 1:00PM.

• EMPOWER Events
  • Biweekly Writing Session
    Thursday, September 16, 2021
    10:00-12:00 PM in 328 CBB
    Writing Sessions are quiet, individual work times, meant to provide scheduled opportunities in the program for students to work on difficult-to-start tasks (writing, planning experiments, analyzing data, etc.). A friendly neighborhood EMPOWER mentor will be present for accountability and to help keep you on track!

• International Student Panel
  • Friday, September 17, 2021
  • 3:40-4:45 PM in 037 CBB
  • So you've crossed oceans and changed continents to get your PhD. Exciting stuff! However, it can also be a bit disorienting and a bit overwhelming, especially in the first few weeks. Come get informed student tips about stuff like furnishing your house, public transit in the US, homesickness, etc. All students - international and domestic - are welcome!

• Mountain Biking
  • Saturday, September 18, 2021
  • Middle Run Valley (BSVP by 9/7/21)
  • Looking to get out on the trails? Join us for mountain biking at Middle Run Valley! Middle Run Valley and White Clay Creek have some of the best biking trails in the area and are ideal for riders of all skill levels – plus, they’re conveniently located 10 minutes from campus. If you are interested in joining please RSVP to Aiona by Tuesday, September 14. We’ll all be meeting at the park at 9 am. Biking is very weather-dependent, so a date and time will be chosen by all those interested after that deadline. We’re targeting either Saturday, Sept 18 or Sunday, Sept 19. Recommend wearing closed toe shoes and a helmet. Water if you don’t have a bike, the Tree shop on Main Street has some rentals, or check the Newpark Bike Project to buy refillable bottles for use on the Lehigh/Snow Goose Trails. All skill levels are welcome! We can adjust the route as needed. But do note that these are dirt trails that include obstacles, inclines, etc.

OTHER DEPARTMENTS SEMINAR/EVENTS:

• Department of Biological Sciences
  • Bora Drew Fancher, Ph.D., Department of Kinetics and Applied Physiology, University of Delaware
    Monday, September 13, 2021 at 10:30 AM
    via Zoom https://united-states.zoom.us/j/84649022573
    Kinetics and Applied Physiology/Department of Flow assurance/ITS Channels in Distinct Antimicrobial Media

• Physical Chemistry Seminar
  • Alex Khalili, Ph.D., New Jersey Institute of Technology
    Monday, September 13, 2021 at 4:00 PM
    via Zoom https://janet.university.zoom.us/j/92537180127
    Quantum and Applied Physics/Department of Flow assurance/ITS Channels in Distinct Antimicrobial Media

• Mathematical Sciences Department Seminar
  • Hallcken Graduate Student Seminar (GHSS)
    Wednesday, September 15, 2021
    2:00 PM at 336 EGV
    Teddy Miller, University of Delaware
    Title: Graphs: What if they were functions instead?

• Applied Mathematics and Mathematical Medicine and Biology Seminar (AMMMS)
  • Thursday, September 16, 2021
    10:00 AM at 336 EGV / Zoom
    Richard Braun and Tandon (Univ), University of Delaware
    via Zoom https://united-states.zoom.us/j/92537180127
    Title: Finite Elements of Toy Film Thinning to Fluorescence Data III Extracted Data and Computer Results

FUTURE LEADERS IN CHEMICAL ENGINEERING

• Future Leaders in Chemical Engineering-NC State Engineering
  • October 24, 2023
  • Online via Zoom
  • Future Leaders in Chemical Engineering is a one-and-one-half day, all-expense-paid research symposium at NC State University recognizing the top undergraduate researchers in chemical engineering in the United States. Chemical engineering researchers (and those in related fields) who are within one year of graduating are eligible to apply.

JOBS/RECRUITING:

• Cornell University
  • Position: Lecturer/Lecturer-Tenure-Track Faculty Position in Chemical and Biomolecular Engineering
  • Brief description: The ROBERT F. SMITH SCHOOL OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT Cornell University, Ithaca, New York invites applications for tenure-track faculty positions in chemical and biomolecular engineering. The search is focused on candidates with specializations in theories and computation, including quantum systems, machine learning, and artificial intelligence; however, all research areas will be considered.

• Drexel University
  • Position: Tenure-Track Assistant Professor (2024-2025)
  • Brief description: The College of Engineering at Drexel University invites applicants for tenure-track assistant professor positions across multiple departments in the cluster themes of energy and sustainability, advanced materials and societies, and health, wellness, and medicine. We seek faculty hires that will catalyze interdisciplinary collaboration across the cluster themes, attract significant external research funding, and enrich our undergraduate and graduate student experiences.

• Facility Position
  • Certification: Scientific-Scientist
  • Req. ID: R-19501
  • Brief description: As a scientist in the Purification Development group, you will identify and develop new purification technologies, work to design optimized downstream drug substance processes for new biologics candidates using a strategic approach to optimize technical hurdles and oversee process technology transfer to GMP manufacturing facilities, as they make their way from discovery to clinic. Work responsibilities will vary and you should be flexible and adaptable in accepting new projects and challenges.

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