NEWS OF THE WEEK
JULY 18, 2022

CBE IN THE NEWS

• Updates regarding the COVID-19 vaccine
• Professor Archi Jayaraman and Jennifer Johnson talk about the impact of their Computer and Data Science Training for Materials Innovation, Discovery, and Analytics (NRT-MIDAS) program
• Congratulations to Professor Norman Wagon for having his work on Martian and lunar regolith be highlighted in Advances in Engineering
• Congratulations to Khushboo Suman for having the Schillig “Coccolidal gels are differently under shallow, deep quenches” selected by the American Institute of Physics (AIP)

DEPARTMENTS SEMINAR/EVENTS:

• CBE Events
  • Summer Moo Mobile Parties 12:00-3:00 PM Outside Colburn Lab—next to facilities.
  • Friday, Aug. 5
    Ticket Pick-up available on Aug. 4 from 8 AM-4:30 PM & Jun. 10 from 8 AM-2 PM in 237 CLB
    Friday, Aug. 19
    Ticket Pick-up available on Aug. 18 from 8 AM-4:30 PM & Jun. 10 from 8 AM-2 PM in 237 CLB
    Friday, Sep. 2
    Ticket Pick-up available on Sep. 1 from 8 AM-4:30 PM & Jun. 10 from 8 AM-2 PM in 237 CLB

• WIE Ice Cream Social
  Who: All CCE graduate students, postdocs, and faculty!
  When: July 27th from 2-4 PM
  Where: Perkins Rear Patio (Rain location Perkins Bacchus Theater)

• CNS Events
  Dr. Andrea Scotti, RWTH Aachen University
  Friday, July 29, 2022 at 10:00 AM in 366 CLB
  and via Zoom: https://judeol.zoom.us/j/98051682150
  Password Neutrino:
  "Phase Behavior and Structure of Super Soft Spheres in Two and Three Dimension"

• CBE Annual Graduate Student Welcome Picnic
  Monday, August 29, 2022
  4:30 - 7:00 PM at White Clay Creek State Park: Carpenter Recreation Area
  REGISTRATION required by Monday, Aug. 8th

OTHER DEPARTMENTS SEMINAR/EVENTS:

• DOW Recruiting
  On-campus Interviews: August 2 & 3. Students planning to complete their PhD or post-doc assignment before the end of 2023 are eligible and encouraged to apply to our 2022-23 job in Handshake.
  Students should sign up now!

Special Interest Sessions: These will be virtual, unique opportunities for candidates in those specific technical areas to 1) hear from Dow experts and 2) also present a 1-side summary of their work as an entry into Dow (interested students should sign up for the specific event(s) of interest in Handshake).

• July 8 (1-4pm): Special Interest Session – Materials Science/Rheology
• July 21-26 (9am): Special Interest Session – Engineering/Processing/Catalysis
• July 25 (1-4pm): Special Interest Session – Data Science/Modeling/Statistics

Dow Information Session: This broad Dow information session will be important to all students interested in interviewing with us this year, and is also open to faculty and other interested students. It will be held in 366 Colburn Lab.

July 26 (1-3:50pm): Dow Information

JOBS/RECRUITING

• NRC Postdoc Fellowship in the NIST Polymers Processing Group
  • Open to US citizens only.
  • Base salary $ 57,450, relocation at start, yearly travel allotment $3k minimum. Duration 2 years guaranteed
  • A NIST webpage on the NRC program.
  • Details of NRC Associate Programs at NIST
  • The NRC fellowship can be a first or second postdoc. Eligibility criterion is 5 years out from Ph.D.
  • Competition deadline August 1st and February 1st every year. Requires written proposal. It usually takes 3-4 weeks to put together a competitive application
  • Plan ahead: Awards from the August 1st competition are announced starting in October, with start dates anytime between January and June of the following calendar year.
  • Awards from the February 1st competition are announced starting in April, with start dates anytime between July and December of the same calendar year.
  • If you're interested, the first step is to email Dean M. Delongchamp

Group Background:
• Our polymers processing group tackles scientific and measurement challenges in flexible & printed electronics, additive manufacturing (3D printing), rheology, self-assembled materials, and nanoscale structure measurement. We have a diverse array of soft materials structure measurement tools and computational resources. Our group is also a heavy user of synchrotron and neutron facilities. We have a special project focused on resonant soft Xray scattering. Multiple advisors are available to match different interests. Alums of our group have found permanent follow-on employment as university PI's, industry researchers, and permanent staff at government labs (NIST, and others).
• Our R505S Program: https://www.nist.gov/programs-projects/resonant-soft-x-ray-scattering
• Flexible and Printed Electronics: https://www.nist.gov/programs-projects/flexible-and-printed-electronics
• Nanolithography: https://www.nist.gov/programs-projects/nanolithography
• Polymers Manufacturing and Rheology: https://www.nist.gov/programs-projects/polymers-manufacturing-and-rheology

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