

Jodsaas Center

for Engineering Leadership & Entrepreneurship

June 2020

Quarterly Newsletter

Issue II

It is with our deepest sympathy that we announce the passing of Larry Jodsaas, (BSEE'62) on April 27. Made possible by Larry's very generous gift to the College, UND opened the Jodsaas Center for Engineering Leadership and Entrepreneurship in the fall of 2008.

<https://engineering.und.edu/outreach/jodsaas-center/>

COVID-19 Update

With the closure of UND Campus in March due to the COVID-19 some of the planned activities of the Jodsaas Center were affected. However, the ENGR 410 and some of the workshops presented online, seemed to be effective and received well by students. We are hoping to see all students on campus in Fall 2020 semester to start the new year activities of the Jodsaas Center face-to-face. For the time being we hope all students within the CEM enjoy their time this summer and keep well and safe.

Grand Challenge Scholars Program (GCSP)

Congratulations to Annie Miles, a B.S. student of Mechanical Engineering, who completed the NAE Grand Challenge Scholar program at UND in Spring 2020. Annie worked on two different projects (a) "Developing Carbon Sequestration Methods and Providing Access to Clean Water" and (b) "Novel Materials Design for Developing Hydrogels for Biomedical Applications" under supervision of Dr. Surojit Gupta.

Annie and her colleagues presented their research at the International Conference and Exposition on Advanced Ceramics and Composites (ICACC) (2019 and 2020), the "International Conference for Ceramic Materials and Components for Energy and Environmental Applications (CMCEE)" in Singapore and Pacific Rim Conference on Ceramic and Glass Technology (PACRIM) in Japan. In the Fall of 2019, Annie attended the Global Grand Challenges Summit in London, UK. We wish all the best For Annie in her future career.

Board Members

- Vamegh Rasouli
(Petroleum Eng)
- Bruce Dockter
(Civil Eng)
- Surojit Gupta
(Mechanical Eng)
- Joseph Hartman
(Geology and Geological Eng)
- Emanuel Grant
(Computer Science)
- Kouhyar Tavakolian
(Electrical Eng)
- Bethany Klemetsrud
(Chemical Eng)
- Dustin McNally
(Mechanical Eng)
- Duane Helleloid
(School of Entrepreneurship and Management)
- Sandy Braathen
(School of Entrepreneurship and Management)
- Amy Whitney
(UND Center for Innovation)

Jodsaas Center offers:

- Entrepreneur Coach office hours
- Industry short courses
- Business related courses counted towards your credit
- The support for hands-on projects run by students from different engineering disciplines
- The support for establishing new companies



CMCEE, Singapore, 2018



PACRIM, Okinawa, 2019



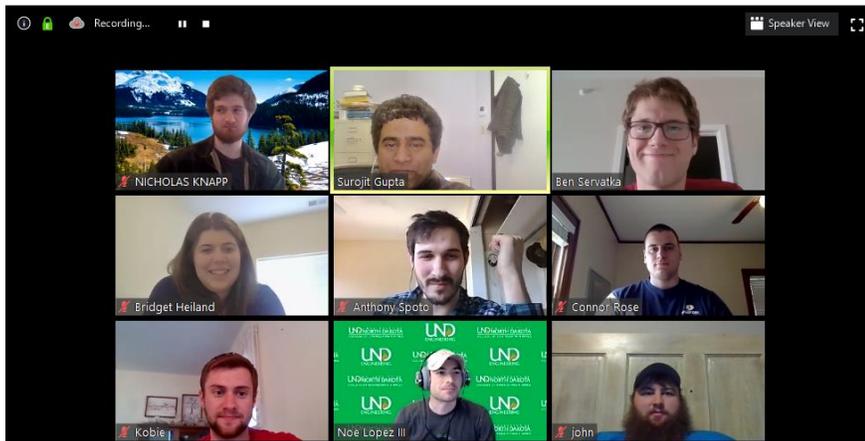
ICACC, Daytona Beach, 2017

Workshops Series

We are hoping to offer new workshop series with more interesting topics in the next academic year. The feedback and comments of students and faculty from previous years will be used to improve the quality of the new workshop series.

ENGR 410 Course

The spring Technology Venture course delivered by Dr. Surojit Gupta made a great start. There were over 15 students enrolled in this course. They focused on developing business plans for commercializing their ideas. The course was well appreciated and successful. The student teams presented their business plans during the last week of April. Some of the ideas which were presented during the course were, “The Austin School of Technology, Art. In. Frac. LLC, Car Vision LLC, and Blast Accessories LLC”, among others. The instructor would like to congratulate the students for doing a great job as the classes had to move mid-semester due to Covid 19.



A snapshot of Zoom based Interactive Class (snapshot taken by Dr. Gupta with the verbal permission of students)

Internship or ENGR 490 Opportunities

Following the announcement in the previous issue regarding the new opportunity available for students to work in the new full scale drilling & completion lab (DRACOLA) we encourage those students from all department who are interested in this opportunity to discuss with their advisors to enroll for Fall semester ENGR 490 course. Students from all programs can do hands on and practical projects in the future as an internship, elective course or ENGR 490. Mr. Harry Feilen, who is managing this lab will be the instructor of the course and help students work on different equipment set up and run projects in their areas of interest. To obtain further information or enroll in summer courses please contact Harry.Feilen@UND.edu or Vamegh.Rasouli@UND.edu.

Initially, it was planned to offer this opportunity in Summer 2020, however, we may push back to Fall 2020 unless the situation with COVID-19 changes. Further updates will be given in due course.

Open Door Scholarship

The UND College of Engineering and Mines would like to invite you to consider a new giving opportunity to support our students within the college. The UND Alumni Association & Foundation (“UNDAAF”) has created a new “Open Door Scholarship” program, to assist the growing number of students throughout UND who need financial assistance for tuition following the national COVID-19 pandemic and economic downturn. To receive these scholarships averaging \$1,000, incoming or enrolled students must meet all requirements, including being in good academic standing and making satisfactory progress in his or her respective academic program, unable to qualify for loans and not having an eligible cosigner, and being committed to finishing the academic year at UND. Donors can earmark their contribution to their preferred college (e.g., the College of Engineering and Mines), and a minimum amount requested is \$1,000, which will be equally matched by UNDAAF to double its impact to \$2,000! Pledges and installments can be made for up to three years, and employer matches will be honored. If you’re interested in learning more about the opportunity to support our UND College of Engineering and Mines students in financial need through this Open Door Scholarship program, please contact our Director of Development, Robin Turner (Robint@undfoundation.org, 701-739-3211).

Contact (WE ARE HERE TO HELP!)

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BIG Ideas Challenge Coordinator: Surojit Gupta surojit.gupta@und.edu

General Inquiry Email: und.jodsaascenter@und.edu