

# Jodsaas Center

for Engineering Leadership & Entrepreneurship

June 2019

Quarterly Newsletter

Second Issue

## End of Year Review

The Jodsaas Center offered several new initiatives the 2018-2019 academic year.

The new UND Innovation Studio Training and Internship (ISTI) program is a program for graduate and undergraduate students from all disciplines to interact and discover human centered design as a problem solving method. This program is coordinated jointly by the Center for Innovation and the Jodsaas Center.

Entrepreneur Coach office hours are now offered to the CEM Faculty, Staff and Students. People can get advice about their entrepreneurial idea or business venture and get information about valuable resources in the area to help take their ideas to the next level. This program is offered by Greg Syrup, Entrepreneur Consultant from the Center for Innovation at the Jodsaas Center and is available to online students via phone and skype.

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

JODSAAS CENTER

About



Entrepreneur Coaching (NEW!)

Innovation Studio Training and Internship (ISTI)

Leadership and Entrepreneurship Courses

Workshop Series

Industry Seminar Series

Grand Challenge Scholars Program

Slurry Loop Project

Drillbotics

The 8 workshop series presented during September 2018 to April 2019 were well received by students. In particular those workshops with panel discussions received more positive feedback. Thanks to all board members for coordinating these workshops.

The ENGR 410 continued to be a success, specially the business plan project that was carried out in group. Thanks to Dr. Gupta for delivering the course.

The 3 ENGR 490 courses offered had several students involved in work on building an automated drilling rig, a slurry loop and a one phase coreflooding equipment. These hands-on projects helped in integrating the skills of students from different departments and also providing students with teamwork experiences.

We are committed to offer new initiatives in 2019-2020 Academic Year.

## Board Members

- Vamegh Rasouli  
(Petroleum Eng)
- Brian Tande  
(CEM's Associate Dean)
- 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)

## 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

## CEM Interim Dean

Congratulations to Dr. Brian Tande, who was named as the interim dean of the CEM beginning July 15, 2019 upon departure of Dean Hesham El-Rewini from UND. Dr. El-Rewini will take the position of Provost and Senior Vice President of Academic Affairs at Marymount University. El-Rewini has been Dean of the CEM for the past 11 years. We wish him the best in his new endeavor.

# Meeting with Dean of College of Business & Public Administration

Dr. Amy Henley, the dean of the College of Business & Public Administration met with Jodsaas Center board members on May 2 to discuss potential collaboration opportunities between the two schools in the areas of entrepreneurship and business plan skills for students. Some of the possible initiatives that were discussed and expected to develop from the beginning of the next academic year include: offering minor degree in business to CEM undergraduate students, certificate in business to CEM graduate students, joint leadership and business related workshops and seminars and offering ENGR 410 and other business related courses from CEM to students in the College of Business. We are very excited to establish this collaboration from AY 2019 in order to benefit the students from both colleges and offer a wider range of opportunities with hands on and practical experiences to our students.



Amy Henley, Dean of College of Business visited CEM to meet with Jodsaas Center board members

## Workshops Series

**April workshop series - Financial Management** presented by Kristofor Paulson, an instructor of Economics/Finance at UND. He has two Master's degrees: one in Applied Econ and the other in Business, as well as a Bachelor in Finance. He has also been investing for more than 15 years in stocks, bonds, and mutual funds. He trades through a non-transaction fee investing website and app.

## The Big Challenge (Big Ideas Gym)

The March Big Challenge was to find new ways to use the Virtual Reality Lab in the CEC. The VR lab is currently used by Petroleum Engineering for drilling and fracking simulations, but it is capable of doing much more. The participating teams were asked to come up with an innovative way to use the lab, or VR in general, to enhance either education or research at UND.

March BIG Challenge winners are PEER Choice- Interactive & Immersive Learning; Nidhal Badrouchi, Imene Bouchakour, Foued Badrouchi, JUDGES Choice- VR for Minimizing Pain; Maram Al-Sayaghi, Jeremy Lewis. Each team won \$1000 scholarship.



The winning team: Foued Badrouchi, Nidhal Badrouchi, Imene Bouchakour



The winning team members with the Associate Dean, Dr. Brian Tande

### Contact (WE ARE HERE TO HELP!)

#### Address:

University of North Dakota, College of Engineering & Mines,  
Harrington Hall Room 100, 243 Centennial DR and Stop 8155,  
Grand Forks, ND 58202

Webpage: <http://engineering.und.edu/jodsaas-center/>

GCSP Coordinator: Brian Tande [brian.tande@und.edu](mailto:brian.tande@und.edu)

BIG Idea Gym Coordinator: Brian Tande [brian.tande@und.edu](mailto:brian.tande@und.edu)

General Inquiry Email: [und.jodsaascenter@und.edu](mailto:und.jodsaascenter@und.edu)