Greetings IME Alums and Friends:

As we are finishing off another year at NDSU Department of Industrial and Manufacturing Engineering, we would like to start doing a better job of staying in touch. I hope you are all pleasantly surprised to receive our first email newsletter. Our goal is to send you several email newsletters throughout the year to keep you informed of the changes happening in the department.

We have been fortunate to hire a number of very good new faculty and staff. Please see below for introductions of the five new people that have joined the IME Department in 2013. This year we started to offer the IME Capstone course both fall and spring semesters. The Capstone course allows our seniors to work on real world projects sponsored by regional companies and organizations. For a list of 2013 Capstone projects please see below. We continue to offer undergraduate and graduate degrees Industrial Engineering & Management and Manufacturing Engineering. Our undergraduate programs are accredited by the Engineering Accreditation Commission of the ABET, most recently in August 2013 for another six years (through 2019) following an extensive review, including a campus visit by the reviewers in November 2012.

We always enjoy hearing from our alums and hope you will drop a line or stop by for a visit! On behalf of the students, staff, and faculty thank you for your support and best wishes for the New Year from all of us at NDSU IME.

Canan Bilen-Green
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RECENT ADDITIONS

Maisha Asha
Ms. Maisha Asha joined the NDSU Department of Industrial and Manufacturing Engineering as a part-time lecturer in June 2013. In addition to her B.S. and M.S. degrees in Industrial Engineering, Maisha also has an M.B.A. from University at Buffalo, The State University of New York. Prior to coming to NDSU, she worked as a manager and business development analyst for Howden North America, Buffalo, New York. Maisha teaches our engineering economy course (IME 440).

Wichai Chattinnawat
Dr. Wichai Chattinnawat joined the NDSU Department of Industrial and Manufacturing Engineering as visiting professor in August 2013. Wichai received his Ph.D. in Industrial Engineering from Oregon State University in 2003. His expertise is in quality engineering. This semester he taught two graduate level courses for us: quality engineering (IME 761) and analysis of engineering data (IME 765).

Gokhan Egilmez
Dr. Gokhan Egilmez joined the NDSU Department of Industrial and Manufacturing Engineering as an Assistant Professor in August 2013. Gokhan received his Ph.D. in Industrial and Systems Engineering from Ohio University in 2012. His doctoral dissertation was titled “Stochastic Cellular Manufacturing System Design and Control.” His expertise is in sustainable systems analysis and optimization. This semester he taught production & inventory control (IME 480) for us. And in the spring he is scheduled to teach the simulation (IME 472) course.

Bashir Khoda
Dr. Bashir Khoda joined the Department as an Assistant Professor in June 2013. Bashir received his Ph.D. in Industrial and Systems Engineering from University at Buffalo, The State University of New York in 2012. His doctoral dissertation was titled “Modeling and Development of Multi-Functional Tissue Scaffolds with 3d Bio-Fabrication.” This semester he taught the CAD/CAM course (IME 380). He is scheduled to teach our facilities design (IME485) course in the spring. Since his arrival to NDSU, Bashir has been busy setting-up the IME Additive Manufacturing teaching and research laboratory.

Starla Morkassel
Ms. Starla Morkassel joined the IME department in December 2013 as part-time IME accounts specialist. Starla is also the accounts manager at NDSU Upper Great Plains Transportation Institute. Previously she worked for a dozen years with the Pepsi Beverage Company in Fargo where she was a financial planner and senior financial analyst. Before that, she was an accounting manager for Dakota Beverage Co. in Fargo. She holds a B.S. degree in Accounting from NDSU.

For more information on new members of the IME Department please see our website at www.ndsu.edu/ime.
IME CAPSTONE PROJECTS
Fall 2013 Projects
Improving Forklift Material Flow, BTD Manufacturing
   By Maxwell Johnson, Ijjo Stephen, Jacob Towar, Nicolas Trcka
Repair Group Redesign, Appareo Systems
   By Jeff Ambuehl, Dustin Messner, Peder Nystuen

Spring 2013 Projects
Autonomous Maintenance Cleaning Station Development, CNH
   By Lahiru Amarakoon, James Christanson, Brett Johnson, Junsuk Kim, Siddhanth Soin
Value Stream Mapping of Product Lines to Reducing Process Waste, Appareo Systems
   By Stacy Affield, Abhishek Baja, Michaela Groninger, Andrew Westby
Display Area: Optimize the Display Manufacturing Focus Factory, Integrity Windows
   By Seth Johnson, Mahmoud Mustafa, Nan Shi, Taylor Waloch, Mengyuan Zheng
Internal Delivery and Logistics Project, Sanford Health
   By Dominic Drees, AKP Alexandra De Silva, Justin Hazemann, Jeff Klemond
Safety Risk Prediction for World Class Manufacturing, CNH
   By Ben Johnson, Susith Dunukara, Garret Nordling, Nathen Wellumson
About the Patient Program, North Dakota Pharmacist Association
   By Houchao Fu, Cristin Langevin, Karl Sommerfeld, Deni Vigesaa
Print Production Plant Layout, Knight Printing
   By Cavkusic Damir, Justin Nelson, Nick Strugar, Xun Yu

Spring 2013 Capstone Presentations, Century Theater, NDSU.