THE UNIVERSITY OF MAINE College of Engineering

Greetings from the University of Maine College of Engineering! It's fall in New England and we are well into the academic year with another record year for enrollment at just over 500 new students. We hope that you and yours are enjoying this time of year, wherever you are.

In this issue, you'll read recent news by our faculty, students and alumni, including: $60K Investment by Texas Instruments in a circuits Lab, Undergraduate Researchers, Alums Renovating Field House, the new Nanotechnology minor, and news about UMaine's commitment to Off-Shore Wind research.

We'd appreciate knowing just where your UMaine Engineering degree has taken you and hearing about your career. So, please drop us a line and keep in touch to catch us up on your career and what's happening in your life.

We are planning one more e-newsletter in December to close out 2013. Until then, please check our website and contact us if you want to know more about what is happening.

Let me know if you have any questions that I can help answer for you as well. Stay well and enjoy the fall season and upcoming holidays.
Sincerely,

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New Nanotechnology Minor

The Nanotechnology Minor comprises both fundamental and specialized coursework preparation for undergraduate students who are interested in nanoscale research and/or who wish to pursue a career in nanotechnology.

More Information online

Texas Instruments Invests $60K in

Lab

Texas Instruments and the University of Maine unveiled the new Texas Instruments Analog Circuits Laboratory in Barrows Hall on October 8.

The lab was completely renovated by leveraging a $60,000 investment from TI with funds from the University of Maine to create a modern inviting environment for students to learn the fundamentals of analog circuit design.

The opening was attended by over 25 UMaine alumni and friends from TI who journeyed up from the TI manufacturing facility in Portland for the event. Corporate representatives from Dallas participating in the opening included Steve Lyle (Director of Engineering Workforce Development and Chief Diversity Officer), and Kausalya Palavesam, TI University Program Manager.

The event was covered by this WABI News Story. More information can be obtained from this Texas Instruments Press Release, or this post by Kausalya Palavesam, TI University Program Manager.

UMaine Alumni Renovate Field House

Off Shore Future

Courtesy Cianbro

Dagher Quoted in Engineering News Record Article on Proposed Offshore Wind Project
Wednesday, October 23rd, 2013

Habib Dagher, director of the Advanced Structures and Composites Center at the University of Maine, spoke with Engineering News Record about efforts by the UMaine-led DeepCwind Consortium to build a 12-MW offshore wind farm in the Gulf of Maine by 2017. See also MaineBiz report.

More on the Story...

The Associated Press, Bangor Daily News, Maine Public Broadcasting Network, Renewable Energy News, WVII (Channel 7), Mainebiz and Portland Press Herald were among the news organizations to report on Norwegian company Statoil's decision to pull the plug on its $120 million offshore wind pilot project in Maine. The University of Maine's proposal is now the only project being considered for a state contract. Maine Aqua Ventus, the umbrella company that includes UMaine and its partner companies, said in a statement that it will continue pursuing its contract and remains committed to developing Maine's offshore wind potential.

Give to Engineering

1865 THE UNIVERSITY OF MAINE ANNUAL FUND

The University of Maine's Annual Fund is a comprehensive fundraising initiative designed to enhance academic, student, faculty and cultural programs.

University of Maine alumni, Dave Manz and Jon Englehart (pictured above), have returned to their alma mater as members of the PC Construction team to assist in the renovation of the Memorial Gym and New Balance Field House. Manz, a project engineer with PC Construction, earned his construction management technology degree from the University of Maine's School of Engineering Technology in 2007. Englehart, a PC Construction intern and third-generation UMaine alumnus, graduated from UMaine in 2013. The $15 million renovation project is the first substantial upgrade and modernization for the adjoining buildings since they were built more than 80 years ago. The project is scheduled to be completed in 2014. The full PC Construction news release regarding the involvement of the alumni in the project is available online.

Researching Undergrads

Six students from the University of Maine's College of Engineering have been awarded Center for Undergraduate Research Fellowships for 2012-13.

The fellowships were developed to enhance and increase undergraduate student involvement in faculty-supervised research, and are supported through a PRE-VUE grant awarded by the University of Maine's President's Office. Each fellowship provides a $1,000 award for the student, and up to $1,000 in more funding, if needed, to cover costs associated with the project.

The students' research areas involve a variety of engineering topics - from studying extreme rainfall and climate change to optimizing power conversion for wave energy converter systems.

The College of Engineering Deans Fund is dedicated solely to providing scholarships, increasing graduate fellowships, facilitating research, upgrading technology and laboratories, and expanding our on-line graduate course offerings. Our main objective is to ensure there are funds available to allow us to respond quickly and appropriately to the areas of greatest need within the department. Your donations, combined with those of others, will make a significant and immediate impact on the quality of the 'UMaine Experience' for our students.

We invite you to become an active part of this initiative by visiting us on-line at www.umaine.edu/give and making your gift on behalf of the College of Engineering or calling 207-581-3564

If you would rather mail in your gift, please mail to:
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Thank you!

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- Michelle Beauchemin - Graphene Potential
- Michael Dandy - Extreme Rainfall
- Kyle Nolan - Genetic Sequencing
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For more on each of the students and their research, go online