

President's Column:

by Carrie Enos

Since our last newsletter, the Class of 2014 graduated with the 100% placement rate that we have come to expect. We have organized and executed another three weeks of our Consider Engineering program, exposing 102 high school juniors to the possibilities that Engineering and the University of Maine have to offer. We have welcomed the Class of 2018 to campus and held our fall Scholarship Banquet, the first of many opportunities these students will have to network with industry members, University Faculty and Staff, and fellow Pulp and Paper scholarship recipients. We held two of three Chinn Management Seminars this semester to help educate our students on a topic they might not find in the traditional engineering curriculum. For the first, we brought in experienced members of industry to critique their resumes. Based on feedback from our company members and students alike, the effort was wildly successful. You will read about the second Chinn seminar hosted by Woodland Pulp later in these pages.

Here in Orono, our hallways and conference rooms are abuzz with numerous companies onsite to conduct interviews for both co-op and full-time positions. We already have three scholarship recipients who have accepted offers for full-time employment when they graduate in May, and many more have offers on the table.

At the Pulp and Paper Foundation, we are hard at work on our strategy of expanding our recruiting efforts to encourage out-of-state students and women to apply for our scholarships. On top of that, we want to make sure we keep our traditional high-quality

President's Column - continued page 2

More than \$200,000 in Fall Scholarships Awarded to 91 Students

Foundation President Carrie Enos welcomed scholarship recipients, scholarship committee members, company member representatives and friends to the Foundation's annual scholarship banquet held in September.

Carrie told the students she was excited to be hosting her first banquet and is looking forward to working with all scholarship recipients as they seek co-op, intern and permanent hire positions.

Also in attendance at the banquet was Foundation Chair of the Board John Wolanski. John brought greetings from the Foundation's Executive Committee and told the students how important they are to our industry's future.

Our keynote speaker for the evening was Dave Wilson of Nalco, an Ecolab Company. Dave started his presentation by telling scholarship recipients they have made great choices that have brought them to this point. "You are the future leaders of industry, and our industry will soon be in your capable hands."

He went on to tell the audience that he was sitting in their place 29 years ago.

Dave continued by saying it was his intent to share a few thoughts in hopes everyone would take away at least one idea that would make a difference in their life and career. He advised the students that life is complicated. As a student, or as an engineer working in industry, there will be a variety of demands to juggle. In addition to the concept that life is a series of choices, he told his audience he has discovered some facts of life that are truly undeniable and that he wanted to share 8 of them with the students.

- Time accelerates. (Every year goes by faster than the one before – make every day count.)
- Attentive listening accounts for 75% of effective communication. Enter every conversation with the mindset that you really want to understand the other person's message.

Fall Scholarships - continued page 2



Scholarship Recipients were on hand to welcome our banquet speaker to campus. Pictured (front row) David K. Wilson, District Manager, Nalco; Jessica Oriente, 1st year ChE. Back row from left to right, Matt Haws, sophomore ChE; Sam Duddy, sophomore ChE and Justin Chartier, sophomore ChE.



Continued - President's Column

Maine students informed of the opportunities engineering offers them! To that end, we formed a Recruiting Diversification Committee (RDC) to develop a new recruiting presentation that helps us convey our message including our incredible Consider Engineering program, scholarship availability, and job opportunities that come with our one-of-a-kind network. We have employed members of the RDC team, alumni, current scholarship students, and of course yours truly to conduct outreach at high schools across the state and beyond.

To date we have visited in person with high school students from 18 high schools and have future visits planned for 9 more.

If you are interested in being an advocate for the UMaine Pulp and Paper Foundation by spending 30 minutes visiting a high school in your area, please call me at (207) 581-2298 or email me at carrie.enos@maine.edu so I can get you started!

As always, thanks for your continued support. We could not do any of this without you!

Do You Know a Student Who Should Apply for a Scholarship?

Scholarship applications are available for download on our website at www.maineulpaper.org or by calling the Foundation at 207/581-2297.

Plan to Attend

Paper Days 2015

April 8 & 9

Wells Conference Center

University of Maine

**Visit us on the
web at
maineulpaper.org**

Continued - Fall Scholarships

- No one knows everything. Developing a network of support resources is critical throughout life.

- Confidence and humility are both required for success. Delivering results creates confidence

- It is always easier to remember the truth. When we make mistakes or experience failure, we need to own it.

- We only get one body. Recognizing your mortality is the first step in prioritizing your health and safety. Working in industrial settings poses hundreds of potentially dangerous situations. Developing a "safety mindset" is essential to ensure your health and safety.

- Disappointments are inevitable. Sometimes in life we make good choices and take appropriate actions but still experience disappointing results.

- You won't go wrong if you make choices and take actions that would make your parents proud.

At the conclusion of Dave's presenta-

tion Carrie Enos introduced the first year scholarship recipients to the audience and welcomed them to UMaine.

Scholarship checks were distributed by Foundation Company Members and members of the Scholarship Committee and our program concluded.

Fall scholarships valued at more than \$200,000 were awarded to 68 students studying engineering. Scholarship recipients present included 17 seniors, 28 juniors and 23 sophomores. In addition 23 first year students were invited to attend the banquet to meet other scholarship recipients and invited guests.

By field of study scholarships were awarded to 45 chemical engineering students, 12 mechanical engineering students, 4 electrical engineering students, 2 students each in civil engineering, biological engineering and electrical engineering technology. One student is studying electrical and computer engineering.

Lee & Glenna Bingham Visit Campus



Former Foundation President Lee Bingham and his wife Glenna dropped by Campus this summer to meet Foundation President Carrie Enos. Engineering Dean Dana Humphrey was on hand to make the introductions. After catching up with campus news the Bingham's were treated to a traditional pizza lunch at Pat's. From left to right, Foundation President Carrie Enos, Lee Bingham, Glenna Bingham and College of Engineering Dean Dana Humphrey.

High School Visits Introduce Students to the Pulp & Paper Foundation

Fall is quite busy here in Orono, with students returning to class, co-op and full-time interviews in full swing, and of course the need to get out to high schools to introduce students to the Pulp and Paper Foundation! Because of all of these colliding priorities, we are so thankful to our ambassadors who help us to spread the word around the state and beyond. Our new Recruiting Diversification Committee (RDC) is led by Addie Nadeau of AxchemUSA and includes Codi Eremita of Verso Paper, Heather Pelletier and Jess Paul of Sappi Fine Paper North America, and Jen Alley of GAC Chemical. This team created a new presentation that emphasizes the highlights of a Pulp and Paper scholarship as well as our Consider Engineering summer program for High School Juniors. They have also deployed to area high schools accompanied by our current scholarship recipients to visit classrooms and educate the next generation of engineers on what our program has to offer. Grant Byras of Cascades Auburn Fiber has also volunteered his time to deliver our message. With the help of our alumni and friends, so far we have reached students in 18 high schools with concrete plans for 9 more in four different states.

We have also conducted Career Exploration Seminars at both Woodland Pulp LLC and Twin Rivers to expose high school students to engineering in action. At these seminars students are invited to tour the mill, participate in a presentation detailing the differences among various types

of engineering, understand the programs offered at UMaine, and hear about what the Pulp and Paper Foundation has to offer. We encourage the high school juniors to apply for our FREE four-day residential summer camp at UMaine and the seniors to apply for our scholarship (deadline December 31st, 2014 for first-year students). Finally, the students break out into small groups to eat lunch with engineers and get the “real scoop” on what life is like after graduating.

The response to this unique opportunity in Madawaska was incredible, with 60+ students and teachers from five towns as far away as Caribou making the trip. We are continuing to expand this effort, so if you would like to visit your local high school on our behalf or host a Career Exploration Seminar at your facility please call Carrie Enos at 207/581-2298.



Foundation President Carrie Enos introduces Glens Falls, NY students to the opportunities available at UMaine.

12 Companies Visit UMaine to Interview Students

October is co-op month for students looking to secure a co-op or intern position. This year 12 companies visited UMaine to interview potential candidates to fill positions at more than 16 locations.

Students must attend our co-op information night giving them the information and details they need to participate in our program. A student co-op agreement is completed and students submit an electronic copy of their resume which is made available to employers they wish to interview with. The interview sign-up process is automated allowing registered students to sign themselves up for an interview with companies where they have an interest. Students are encouraged to interview with all companies of interest giving them the opportunity of multiple job offers.

After interviews offers are extended to those students our companies are interested in employing. Students may decline an offer at any time but are not allowed to accept an offer until October 30th. This ensures all companies visiting campus have the opportunity to meet all interested students.

To date 58 students registered to participate in co-op/intern interviews with more than 266 interviews conducted by Foundation company members who are interested in hiring our students to fill their employment needs.



Woodland Pulp conducting a co-op interview. From left to right, John Gallant, sophomore ChE Justin Chartier, and Candy Robb.

Do You Have a Co-op or Intern Position Available?

If you have not participated in the co-op program but would like to, please let us know. We have a presentation outlining the complete process we would like to email to you. We have

students who are available and ready to interview with potential employers.

For more information please call Faye Murray at 207/581-2297 or send an email at woodcock@maine.edu.



Renewable Nanotechnology Improves Release Base Paper Performance

If you are a frequent reader of the Dandy Scroll or visitor to UMaine, you know of the PDC's history and its collaborative work with industry. The PDC's operational creed - Innovate, Validate, Commercialize - is an apt slogan, but what does this mean in real terms? The story of the PDC's collaboration with Stirling Consulting illustrates this well.

Back in 2011, the PDC became one of the few manufacturers of cellulose nanofibrils (CNF). CNF is produced at UMaine using a patent-pending, mechanical size-reduction process. Nanofibrils are released from the natural cellulose fiber - effectively, and efficiently reducing the fibril diameter to the range of about 0.02-0.05 microns: a size that is 750-2,000 times smaller than standard papermaking fibers. CNF is essentially pure cellulose in an aqueous medium and therefore, enjoys a very favorable environmental, health, and safety profile - and is also FDA-compliant.

Realizing CNF's promise, the PDC worked with Bob Hamilton of Stirling Consulting to propose a novel application in the area of specialty papers. Release base papers require high density, low air permeability, and a level of smooth surface and good strength. Could the unique functionality of CNF improve performance? We thought so and worked to develop a process to encapsulate the nanofibrils. Encapsulating the CNF in starch enhances

performance in terms of higher strength, a reduction in air permeability, and reduced furnish cost. Encapsulate CNF also has the potential to improve paper machine efficiencies.

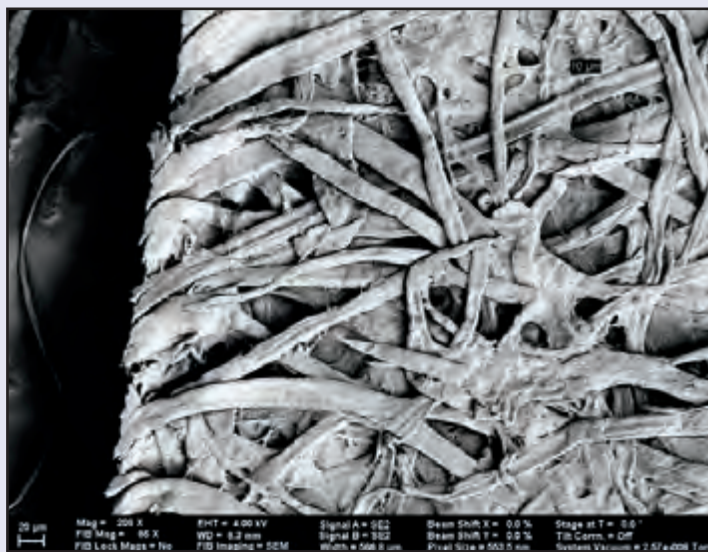
The University of Maine and Stirling Consulting were awarded a Development Award from the Maine Technology Institute to support the transfer of the technology. Since that time, the technology has proceeded through lab bench, pilot plant trials, and most recently - commercial machine trials for two release base products - a 29.5 lbs./3,000 ft² (48 gsm) soft-nip, calendered sheet and a 3.2 mil densified kraft grade. Scale-up trials were conducted at Paperlogic, a small specialty mill located in Turner Falls, MA. Paperlogic was selected because its machine forms well, has a wide basis-weight range, is equipped with a size press and hot soft nip calendar. The mill is capable of performing short runs and has appropriate facilities to encapsulate the CNF.

Commercial trials have been very successful. Wet end addition of encapsulated cellulose nanofibrils significantly improved key parameters of high sheet density, low air permeability, increased strength (tensile, burst and internal bond), improved formation and a more level surface in release base papers. Examination of the commercial trial papers using a FIB-SEM showed that the encapsulated-CNF fills in voids in the

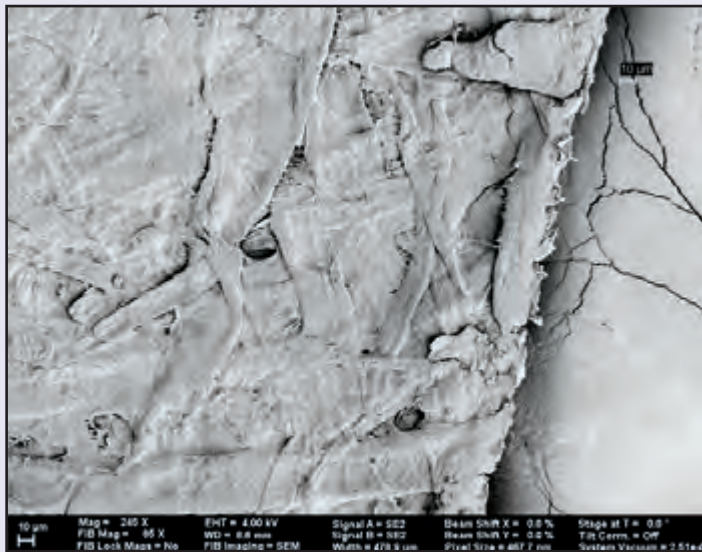
sheet's structure - decreasing permeability, leveling the sheet, and increasing fiber-to-fiber bonding. This effect can be seen in the accompanying images of sheet surface.

The evidence of technology performance to date shows the potential for product and process improvements at all points of the value chain. For papermakers, there is potential for a more controllable way to produce highly densified papers with reduced energy consumption, improved moisture retention in the sheet, added strength, improved formation and better holdout at the size press. Silicone coaters would find lower coat weight requirements, improved tensile, burst, and dramatically increased internal bond, higher-speed operation, and improved dimensional stability while retaining holdout and surface properties. Potential end-users include graphic arts, medication-delivery systems, and label applications, among others.

Details of the scaled-up trials have been published in the 2014 Q3 edition of *Converting Quarterly* - "Using renewable nanotechnology to improve release base-paper performance." A link to the article can be found on the PDC website (www.umaine.edu/pdc) in the webpage - Recent Publications. If you would like to learn more about this release base technology or to find out how you can work with the PDC, please contact Michael Bilodeau or Pros Bennett at 207-581-2281.



A Look at the Sheet's Surface - Control at 208x



Encapsulated CNF 200 lb per ton at 245X

TREE Trip II - Once in A Lifetime Pulp & Paper Safari

by Jon Lee, ChE Senior from Madawaska, ME

At the end of this school year, the University of Maine student chapter of TAPPI/PIMA will send several engineering students to Germany and Austria. While there, we will have the opportunity to tour several world class facilities including paper mills, chemical supplier facilities, and manufacturing facilities. This pulp and paper "safari" will grant students a once in a lifetime opportunity to experience the paper industry from a completely different point of view. The information we students will glean firsthand cannot possibly be replicated in a classroom. Among the sights will be the newest coated paper machine in Europe, located at a site that has been making paper since the 1600's.

Having already been "across the pond" to view our European paper counterparts, we are all incredibly excited to view what this different region has to offer. We all consider it an incredible opportunity to view Germany's technology sector, long considered among the world's elite. In



Pictured above are students touring Sappi, Kirkniemi, as part of their TREE Trip I experience.

Finland, we were lucky enough to totally experience the local cultures; including everything from traditional smoke saunas to Finnish white wine.

We are currently holding local fundraisers to begin saving for the trip. We plan to reach out to you, Foundation company members, alumni and friends to help make this trip a reality. We're

very fortunate to have a supportive group of former scholarship recipients and industry executives who have been in our shoes. The information and experience we will gain on this trip will be brought back to our own future companies. Thank you to all of those who have helped us thus far and those that will in the upcoming months!

Chinn Engineering Seminars Offer Students a Unique Learning Experience

Three Chinn Engineering Management Seminars have been scheduled for scholarship recipients this fall.

The first, Resumes to Remember, was a working seminar for those in attendance. Students were asked to submit a copy of their resume. As the resumes were received they were forwarded to a panel of experts for review. The panel included Bill Peterson from Lincoln Tissue and Paper, Gilly Hitchcock and Leisa Wallace from FPC Bangor, Mike Vashon from Sappi Fine Paper, Patty Counihan, Sam Kunz and Crisanne Blackie from UMaine's Career Center and Foundation President Carrie Enos. On the evening of the seminar the students were assigned to a group with up to 6 other students, and each had the opportunity to have their resume critiqued. The resulting resumes are testament to the

expert advice each student received.

The second Chinn Seminar was presented by Woodland Pulp and St. Croix Tissue and was titled, Woodland Pulp-Transforming to Tissue. The students were given a rare opportunity to hear about the new tissue machine installation Woodland Pulp and St. Croix Paper are undertaking. The seminar was offered the day before co-op/intern and senior interviews were to be conducted, giving students insight into the company and what a co-op/intern or permanent position might be like in Baileyville, ME.

The last seminar of the semester is scheduled for early December and will feature three members of the Foundation's Executive Committee: Chair John Wolanski from GAC Chemical and Foundation Vice Presidents Ted Kennedy from Georgia-Pacific and Ray Heuchling from The Heuchling

Group. The seminar, The Importance of Networking, will give students the opportunity to hear, first hand, how important networking is throughout their careers. Our speakers will talk of their career paths and the networking conducted along the way to get where they are today.

Following each seminar students are treated to a light dinner and the opportunity to talk with our speakers in a casual setting. Our students often tell us how much they enjoy the seminars, the topics and the opportunity to learn valuable information they otherwise might not come across in their formal education.

Foundation members and friends who would like to present a Chinn Seminar are encouraged to contact Carrie Enos by calling 207/581-2298 or by sending Carrie an email at carrie.enos@maine.edu.



Foundation Company Members Attend Annual UMaine Engineering Fair



Each October the UMaine Career Center hosts its Engineering Job Fair, bringing many Foundation member companies to campus to meet students interested in co-op and permanent employment opportunities.

Company Members represented at the Job Fair included Buckman, Verso Paper, Procter & Gamble, Onyx Paper and BTG. President Carrie Enos visited the fair to thank our members for their support.

Fall Recruiting - Visits with Alumni and Potential Students

There is no better time to visit Upstate New York than fall foliage season. Combine that with some high school recruiting visits, time spent with Friends of the Foundation, and a trip to an incredible farm with my two little future engineers, and that makes for a fantastic Columbus Day weekend!

Our first stop was the Ellms Family Farm. In Nashville last year for TAPPI's Papercon, I ran into Carlton "Chip" Ellms III, a scholarship recipient from the Class of 1971. He extended an invitation to bring my daughters to the family farm in New York in the fall for their hayride, pumpkin picking, and other fall traditions. I was thrilled to take him up on the offer. We were incredibly surprised with how much there was to do – the Zip Lines and the Jumping Pillow were fan favorites at my house! It was an absolutely gorgeous fall day, and in four hours we didn't even begin to see everything the farm had to offer. Thanks, Chip, for making the day possible!

My next stop was to see Dana Dolloff,



The Enos children, Elodie (left) and Emmeline (right) enjoyed visiting Ellms Family Farm in New York.

scholarship recipient from the Class of 1963 and another proud supporter of UMaine, who was in Vermont with his niece. We visited the boyhood home of Calvin Coolidge and saw a wonderful view of Okemo Mountain decorated in colorful autumn splendor.

Keith and Betsy Meyer were wonderful hosts in Saratoga Springs, New York. All three of their children are engineers, with their oldest Brandon graduating as a scholarship recipient in 2008. Keith spent a great

deal of time setting up visits to three area high schools so that we could share the benefits of the Consider Engineering summer program for high school juniors and our scholarships for seniors.

On the way home I stopped by Sappi's South Portland office to see their facility. Overall this trip was a great way to spend a long weekend, and it served to remind me that our talented and dedicated alumni are all over the country. I am once again so proud to be part of this organization!



Foundation President Carrie Enos (left) visits with Dana Dolloff, '63, in Vermont.

2014 Consider Engineering Summer Camp Welcomed 102 Students to UMaine in July

This past May more than 150 students applied and 102 students were selected to participate in our ever-popular Consider Engineering summer program. The program is offered each July and is divided into three four-day sessions with 34 students invited to attend each week.

The students arrive on campus on Sunday afternoon each week where they are immersed in activities. The students learn what it would be like to study engineering at UMaine. While some learn that engineering is not for them, the majority solidify their choice of engineering as a college major. That is the goal of Consider Engineering.

Our program is designed to challenge participants, answer their questions and to show them what majors and programs are available to them at UMaine. The program starts immediately upon arrival with a presentation to students and parents by Foundation President Carrie Enos. Carrie tells the audience how her journey into engineering started exactly the same way as the one they are experiencing. Carrie goes on to tell the students her experience at Consider Engineering was one of the deciding factors in her decision to attend UMaine.

Over the four-day summer camp



Students attending Consider Engineering 2014 proudly display their "boat" design as part of the "I AM an Engineer" competition.

students meet UMaine engineering professors and current engineering students, tour UMaine's engineering facilities, tour a papermaking facility, complete a construction design project, conduct an engineering experiment as part of a group, and compete in the "I AM an Engineer" competition.

Our program concludes on Wednesday morning each week with our construction design competition and presentation of research experiment results to parents

and guests.

Consider Engineering introduces high school students to UMaine engineering and is our best means of attracting the best and brightest students to look at the possibilities of a career in the pulp and paper industry.

Of the 150 students applying for admission to our 2014 program, 130 students were from Maine with 20 students applying for admission from states as far away as Washington State, New York, Florida, Pennsylvania, North Carolina, Virginia and all of New England.

Applications for Consider Engineering 2015 will be mailed to high schools starting in January and will also be available on the Foundation's website at www.maineulpaper.org. Simply click on the Consider Engineering tab and follow instructions to complete the application.

If you know of a student interested in engineering who is completing their junior year of high school, please encourage them to apply for admission.



Carrie Enos (left) and Professor David Neivandt (right) pose with the winners of the "I AM an Engineer" competition at the awards luncheon held as part of the Consider Engineering 2014 activities.



The University of Maine

PULP AND PAPER FOUNDATION

2014 Pulp & Paper Foundation Scholarship Banquet

Picture Highlights

Once again the Pulp & Paper Foundation welcomed back returning scholarship recipients and introduced incoming first year scholarship recipients to the Foundation's Scholarship Committee members and Foundation Company Members who were present at the fall scholarship banquet.

One of the highlights of the banquet is the presentation of checks to scholarship recipients. Representatives from industry were on hand to make the presentation to the students who had a co-op or internship with their company. In instances where the students have not yet been on co-op/internships members of the Foundation's Scholarship Committee made the presentations. Also present and introduced to the audience were incoming first year scholarship recipients.



Cecil McDonald, Rayonier (right) presented scholarship checks to his co-op student and other scholarship recipients.



Clay Enos, Verso Paper (back row, right) presented scholarship checks to students employed at Verso's Bucksport, ME mill.



Steve Provencal, Verso Paper (left) was on hand to present scholarship checks to students who are employed as interns or co-op's at their Jay, ME mill.



Dan Mallett, UPM Madison Paper (left) was on hand to present scholarship checks to students.



Grant Byras, Cascades Auburn Fiber and Foundation Scholarship Committee member (left) attended the scholarship banquet to present Twin Rivers co-op's with their checks.



Mark Lenentine, AxChem and Foundation Scholarship Committee Member (right) is pictured with sophomore scholarship recipients at the fall banquet.



Gary Gagner, SKF USA and Foundation Scholarship Committee Member (2nd from left) is pictured with sophomore scholarship recipients.



Guy Cote, Sevee & Maher (right) attended the scholarship banquet for the first time and was honored to distribute scholarship checks.



Dale Wiberly, Human Resources Manager, Sappi (left) is pictured with scholarship recipients who are employed as co-op/interns at Sappi's Somerset mill.



Mark Pare, Eka Chemicals (left) presented scholarship checks to his co-op students.



Lee Marshall, Sappi Fine Paper and Foundation Scholarship Committee Chair (right) poses with co-op/interns from Sappi's Somerset mill.



Mike Dutil, Solenis (right) attended the fall banquet to congratulate students.



Al LaBonty, Sappi Fine Paper (back row, left) is pictured with co-op/interns from Sappi Fine Paper's Westbrook, ME mill and the Tech. Center.



Follow us on Facebook at “University of Maine Pulp & Paper Foundation”

Over the summer we went live with our postings of activities using the Consider Engineering Summer Camp as our introduction to the world of social media. We were an immediate success with many of the parents anxiously awaiting our daily posts. We invite you to “like” us and follow Foundation news and events on Facebook at University of Maine Pulp & Paper Foundation.

First Year Students Meet “Banquet Buddies” and Receive Gift Bags at Fall Banquet

The first few weeks on a college campus can be very intimidating for any first year student. Walking into a banquet with 100 strangers is not an easy thing to do. This fall we initiated a new program called “banquet buddies” that was very well received by both upper-class and incoming scholarship recipients. We sent the call out in late August asking for upper-class volunteers to escort or meet our incoming students and attend our fall scholarship banquet with them. As was expected we had many more upper-class volunteers than we have incoming first year students. Banquet buddies was a great success and something we will continue in the future.

Before leaving the banquet for the evening first year students were presented with gift bags containing logo items donated by Foundation company members. Included were water bottles, coffee mugs, pens, highlighters, padfolio’s, hats, note pads, and other items to use at their desk or display in their dorm rooms. Students were told the gifts were from the companies who are looking forward to interviewing them for co-op and intern positions and ultimately for permanent hire once they have completed their degree. After a two-year hiatus we are pleased to reintroduce our gift bags to incoming first year students and look forward to making this an annual event.



Foundation Chairman, John Wolanski (center) presents first year students Corey Nadeau (left) and Mikayla Turner (right) with Welcome Bags at the Foundation's Fall Scholarship Banquet.

Senior Scholarship Recipients in High Demand For Permanent Hire Positions

When our seniors returned to Orono in September for the start of the fall semester we learned three students had arrived with firm offers of permanent employment in their pocket.

Corresponding with our student's arrival was the ringing of the office telephones. Companies were calling wanting to schedule interviews with our seniors as soon as possible. In fact, the first company was on campus interviewing seniors before the end of September.

As of this writing we now have three seniors who have accepted an offer of employment and know of two other students with firm employment offers they are considering.

All of this activity is showing us we are doing our job and recruiting the students that our industry will want to hire as our scholarship recipients graduate from UMaine.

Once again this year we continue to offer candidates for placement on our website. Each senior scholarship recipient is pictured and has a full copy of their resume ready for review. The area is password protected and reserved as a benefit of membership for our Foundation company members. Site access information is provided yearly. If you need assistance with the user name or password, please contact the Foundation office at (207) 581-2297.

If you have employment opportunities within your organization and would like to interview senior candidates we would be happy to help set up an on-site visit or help you arrange Skype interviews. Please let us know what we can do to assist you and to help our seniors as they seek permanent employment.

Twenty-Three Incoming First Year Students Introduced at Fall Banquet

This fall we are pleased to welcome 23 incoming first year Pulp & Paper Foundation scholarship recipients. The students were selected from a pool of more than 70 applicants.

By major, 15 students will be studying chemical engineering while 3 students will study mechanical engineering. The remaining 5 students are enrolled in bioengineering, electrical engineering, electrical and computer engineering, forestry and civil engineering. Twenty of our first year students are from Maine, two students are from New York and one student is from Pennsylvania.

Seventeen students attended the 2013 Consider Engineering program. Foundation President Carrie Enos said, "The Consider Engineering Program was a deciding factor for me to attend the University of Maine and study chemical engineering. I am hearing the same thing from many of our incoming first year students. Consider Engineering is without doubt our best resource in recruiting the best and the brightest. These students will be the future leaders of our industry."



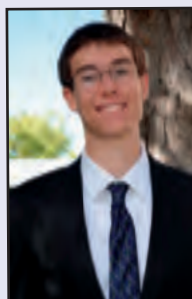
Chris Albert, ChE
Bradford, ME



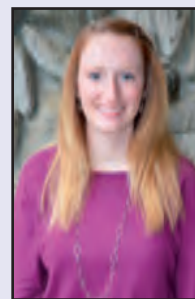
Emily Day, ChE
Machiasport, ME



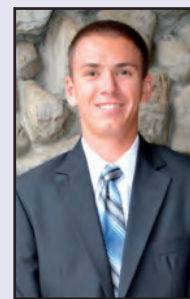
Ryan Erskine, ChE
Sidney, ME



Mitchell Fellows, MEE
Readfield, ME



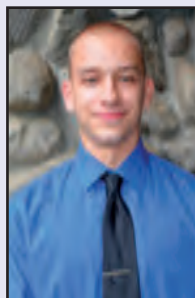
Elizabeth Gendreau, BLE
Madawaska, ME



Jacob Gendreau, ChE
St. David, ME



Joshua Gordon, ChE
Presque Isle, ME



Zachary Goulette, ELE
Turner, ME



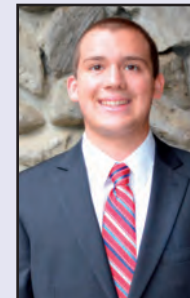
Patrick Laliberte, ChE
Windham, ME



Joseph Lancaster, ChE
Scarborough, ME



Ian Lee, ChE
Madawaska, ME



Kevin LeFevre, ChE
Honeoye Falls, NY



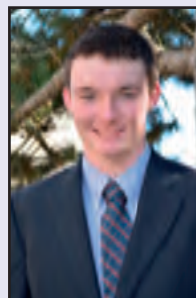
Nicole Lessard, ECE
Corinth, ME



Molly McGinn, ChE
Enfield, ME



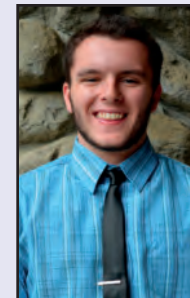
Corey Nadeau, ChE
Gorham, ME



Evan Nahor, FOR
Thendara, NY



Jessica Oriente, CIE
Jamison, PA



Lucas Preble, ChE
Jay, ME



John Swett, MEE
Skowhegan, ME



Kathryn Tickle, MEE
Calais, ME



Mikayla Turner, ChE
Oakland, ME



Matthew Vashon, ChE
Winslow, ME



Emma Wilkinson, ChE
Windsor, ME





Alumni & Friends Personals

Thomas A. Collins, '75, is now VP & GM Specialties at Sappi Fine Paper, Westbrook, ME.

Paul Collette, '77, has joined GE Intelligent Platforms as Business Development Manager - New England.

Eric Olsen, '77, is now Regional Sales Manager, Imerys.

Robert Libby, '81, is now a Consultant/Specialty Chemicals & Process Equipment Sales/Service.

Lori Tuttle, '83, has joined US Gypsum in Chicago, IL as Sr. Manager - Surfaces.

Peter W. Hart, '84, has been promoted to Director Pulp, Bleaching and Chemical Process Technology at Mead-Westvaco in Richmond, VA.

Ben S. Moore, '87, is now a Review Appraiser for the USDA Forest Service in Asheville, NC.

Brad Flannery, '90, has been promoted to Raw Materials Manager at Verso Paper's Bucksport, ME mill.

Paul A. Newland, '90, has joined CESCO Solutions Inc., in Bellingham, WA, as a Chemical Sales Engineer.

Aaron Contant, '94, is now Director, IS at Amgen in Rhode Island.

Deron Gerow, '94, is now a Hardware Design Engineering Manager at Tera-dyne in No. Reading, MA.

Mark S. Hunter, '95, has joined Fox River Fiber, LLC in Green Bay, WI as Production Manager.

Chad Martin, '96, has joined Asten Johnson in Oshkosh, WI as Forming Product Business Leader & Global Innovation.

Bob Langlois, '97, is now with Xerium Technologies Inc., working from Auburn, ME.

Kirk Ross, '97, has been promoted to Business Unit Leader at Sappi Fine Paper's Somerset, ME mill.

Kathy (Field) Bailey, '99, has joined Mannington Mills in Philadelphia, PA as an Environmental Engineer.

Joe Decker, '99, is now the Owner of Polymer Repair Technology in Lewiston, ME.

Ward Libby, '99, has joined Eastern Research Group, Inc., in Chantilly, VA, as Project Manager/Senior Engineer.

Dana Cook, '01, is now a Papermaking Technologist at Packaging Corporation of America in Augusta, GA.

Michael Byrd, '04, has been named Pulp Mill Supervisor at Woodland Pulp in Baileyville, ME.

Sam Gerges, '08, has joined BASF as a Production Engineer at their Geismar, LA facility.

Brandon Meyer, '08, has joined Accenture in Washington, DC as a Management Consultant.

Matthew Berard, '09, is a Process Engineer at PaperWorks Industries, Inc. in Madawaska, ME.

Sarah Gagne, '09, has joined Sappi Fine Paper in Westbrook, ME as 9PM Production Engineer.

Owen McCarthy, '10, is an MBA Candidate at Harvard Business School, Business Development at Voxel8 in the Greater Boston, MA area.

Stephanie Yum, '11, is now a Staff Engineer - Photolithography Processing at IBM in Burlington, VT.

Ryan Lindemann, '12, has been named Kraft Mill Supervisor at Woodland Pulp in Baileyville, ME.

Aaron Prusaitis, '13, has joined microPEP, a unit of Precision Engineered Products, as an Engineering Intern in Boston, MA.

Thomas Puiia, '13, has joined OASIS Alignment Services, Inc., as a Metrology Engineer in Orono, ME.

Tim Gallagher is now Regional Business Leader at Asten-Johnson in the Portland, ME area.

Eric Wohltjen is with Honeywell Process Solutions in Westbrook, ME as Lifecycle Solutions & Services Manager.

Joe Genco Receives TAPPI's "Best Paper" Award

UMaine Professor of Chemical Engineering and Louis G. Calder Professor in Pulp and Paper Technology Joseph M. Genco was presented TAPPI's High Impact Paper Award at TAPPI's PEERS conference. The award was presented in Tacoma, WA at the Valmet/Metso Automation dinner.

In accepting the award, Joe suggested the money be donated to the UMaine Pulp & Paper Foundation specifically earmarked for support of graduate education in pulp and paper research.

Each year the Foundation supports MS students working in the pulp and paper field. The award will be used to supplement funds provided by the UMPFF.



Pictured from left to right: Peter Savelin of Valmet, Dr. Joe Genco, UMaine Chemical Engineering and Anders Hjort of Valmet.



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Mark Your Calendar
Plan to Attend
Paper Days 2015
April 8 & 9
Wells Conference Center
University of Maine



Albert B. Moore, Buckman (retired) was presented TAPPI's Golden Anniversary Certificate acknowledging 50 years of membership at NEPIMA's fall banquet held in September. Presenting the certificate to Albert is Jennifer Barr, Customer Satisfaction Mgr., Sappi Fine Paper in Westbrook, ME and Chair, NEPIMA.

Where are they Now? An Update of Two Former Foundation Scholarship Recipients



Patty Lovejoy, '89, from Madawaska, ME, graduated from UMaine with a B. S. in Chemical Engineering.

After graduation Patty went to work for Georgia Pacific, holding many positions through the years. She is currently Senior Director of Process Safety.

Patty is married, has three children and currently resides in Sandy Springs, GA. Patty told us her interests are furniture restoration and refinishing, sewing and gardening.

"The UMaine Chemical Engineering Department provided me with an excellent set of fundamental and advanced technical skills that allowed me to apply those learnings in the pulp and paper manufacturing arena. I grew through a variety of roles from process engineering to supervision, and in the past several years the application of process safety to manufacturing processes and people who operate that equipment. The UMaine Pulp and Paper Foundation made my advanced education a possibility. It began with the high school juniors program and the knowledge that there were careers that combined chemistry, math, and problem solving. It continued with their generous financial assistance through Foundation scholarships and their support of the co-op program which made it possible for me to attend college."

Marty Richard, '99, from Baileyville, ME, graduated from UMaine with a B.S. in Electrical Engineering.

After graduation Marty worked for Cutler-Hammer Engineering Services. Marty joined Domtar in 2000 as an Electrical Engineer and has moved through the ranks holding a myriad of positions including E&I Superintendent and Paper Operations Manager. In 2006 Domtar became Woodland Pulp, and Marty was named Maintenance & Engineering Manager. Today Marty is Tissue Operations Manager at St. Croix Tissue.

Marty is married and has three children. In his spare time he enjoys coaching youth sports, cycling, skiing, water sports and ATVing.

"My UMaine experience helped to get my career jump started by exposing me to industry professionals and peers who have similar interest and ambitions. UMaine taught me the skills necessary to succeed in the workplace and offered an opportunity to work closely with faculty members and industry professionals who are closely associated with the Pulp & Paper Foundation. This networking and learning opportunity is unique to UMaine and the Pulp & Paper Foundation and has had a great impact on my career."



Make Plans to Join Us For Paper Days 2015

Please plan ahead now to attend our 65th Anniversary Paper Days Party on April 8th and 9th, 2015. Our format will be slightly different this year, with our keynote address occurring Wednesday afternoon. This will allow Wednesday evening's festivities to be reserved for celebration, and also to a little more reasonable time frame than in previous years!

Thursday is shaping up to be a very relevant and lively panel discussion on Forest Utilization in the state of Maine. If you care about forestry or pulp and paper then you don't want to miss it!

65 years of this unique partnership between students, donors, industry, and the University is something to be proud of. If you are a former scholarship recipient, Honor Award recipient, board member, committee member, alumni, industry supporter, or friend, we want to honor you.

We would love to have the biggest turnout in Pulp and Paper Foundation Paper Days history, so please call your UMaine classmates or current Pulp and Paper colleagues and ask them to meet you in Orono on April 8th and 9th!

Woodland Pulp LLC and St. Croix Tissue, Inc. Ground-Breaking Ceremony

On Friday October 10th we traveled to Baileyville for the Woodland Pulp and St. Croix Tissue ribbon cutting ceremony. Governor LePage joined other representatives to congratulate the company and the area on this exciting new investment. Martin Richard, scholarship recipient from the Class of 1999 and St Croix Tissue Operations Manager, and Paul Jack, UMaine Chemical Engineer from the Class of 1999, were having a great time fielding questions from the press and greeting all of the well-wishers. While there, we also ran into Guy Cote of Sevee and Maher, whom we had most recently seen at our

Scholarship Banquet, and Jeff Lancaster of AMEC, scholarship recipient from the Class of 1988.

This \$120MM investment in two new tissue machines is wonderful news for Maine and for Washington County. Woodland Pulp and St Croix Tissue came to UMaine to present our second Chinn Management Seminar of the semester, and also to interview for full-time and co-op positions. Starting up a new tissue machine is a great credential to have on one's resume, and the future for the Woodland operations looks bright indeed!



Groundbreaking at Woodland Pulp and St. Croix Tissue on October 10th in Baileyville, ME. From left to right, Rino DuMont, Project Manager; St. Croix Tissue, Marty Richard, Tissue Operations Manager; St. Croix Tissue; Maine Governor Paul LePage, and A.K. Agarwal, Chief Executive Officer, Woodland Pulp, LLC.

The End of the Year is Quickly Approaching - Please Make YOUR Donation Today



2014 Individual MEMBERSHIP

Program Funding OPPORTUNITIES please check where appropriate*

___ 1 Four Credit Class	\$1,000
___ Consider Engineering	\$500
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___ Scholarship Banquet	\$200
___ Individual Membership	\$100
___ Student Recruitment	\$ 50

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- ☐ Please send me information about establishing an endowed scholarship.
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Credit card contributions are accepted on our web site at www.maineulpandpaper.org.

Foundation President Carrie Enos Visiting Foundation Friends

The fall has been busy for Foundation President Carrie Enos. From ground-breaking ceremonies to ribbon cutting Carrie has been on the road meeting Foundation Company representatives, alumni and friends.



President Carrie Enos joined the celebration as representatives from Lincoln Paper and Tissue, Bangor Gas and a representative from the Governor's office cut the ribbon for the new natural gas pipeline supplying Lincoln Paper and Tissue.



Carrie visited Tony Newman and Grant Byras at Cascades Auburn Fiber and was treated to a tour of the facility. Carrie is pictured with Grant Byras.



Consider Engineering participant Shawn Farrington and friend dropped by the Foundation office to say hello.

NEPIMA Scholarships Presented at Fall Banquet



Each year Northeast PIMA asks for recommendations and nominations of students who are interested in the paper and/or supplier industry and who might be interested in applying for one of their scholarships. At their fall banquet, held in Orono, three UMaine chemical engineering students were presented NEPIMA scholarships. Pictured (left to right) are junior Kelsey Bolduc, sophomore Katrina Lessard, NEPIMA Chair Jennifer Barr, and first year student Mikayla Turner.

UMaine College of Engineering Ambassadors



UMaine College of Engineering has joined the Engineering Ambassadors Network. Sheila Pendse from the College of Engineering led a group of seven engineering students to a 3 days NSF funded Engineering Ambassadors training workshop in Rensselaer Polytechnic Institute in September 4-7, 2014.

UMaine Engineering Ambassadors are student representatives of UMaine's College of Engineering who have a #1 goal of sharing with a younger audience their awesome experiences as students pursuing the goal of becoming world-class engineers. Their role is to inspire others to see the amazing opportunities available and the important role engineers play in creating solutions to the health, happiness and safety of our world.

Students were teamed up with their peers to prepare engaging presentations and activities that they would share with students in area schools. The seven students were – Devin Weaver, Elizabeth Clark, Emily Doyon, Erin Eldridge, Kevin Bois, Ogechi Ogoke, and Samantha Bullard. Dr. Sara Walton, lecturer from the Department of Chemical Engineering, also joined the group.

Return Service Requested

Foundation's First Father/Daughter Endowment



From left to right, Anthony "Rich" Vannozzi, '84, Emily Vannozzi, '14, and Foundation President Carrie Enos.

One of the many great joys of working at the Pulp and Paper Foundation is much like one of the great joys of parenting: watching the people that you know and love grow into the place they are meant to be in life. It was wonderful

to receive a visit from Rich Vannozzi '84 and his daughter Emily Vannozzi '14. Rich is now Assistant Professor of Civil Technology at the University of New Hampshire. Emily is an Applications Engineer at GL&V USA Inc.

in Nashua, NH. They both are so appreciative of the experience they had as Pulp and Paper Foundation scholarship recipients. They came by to establish a father/daughter endowment fund that will grow with regular contributions into a named scholarship. Emily discussed the importance of the scholarship to her life, making it less expensive for her to attend UMaine as an out-of-state student than another well-known school in her home state of Massachusetts! Both stayed here on campus for Homecoming Weekend to reunite with much-loved classmates, attend a hockey game, and create memories in person with some current Facebook friends. We are so grateful for the continued support of alumni like Rich and Emily, who wish others to reap the same benefits they received from a Pulp and Paper Foundation scholarship.

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