Director's Corner
by Jack Healy

It's fall again in Orono and we have been busy with banquets, COOPs, setting up school visits, and committee meetings. Many of our students have come back from the summer with stories of internships or COOPs that they found rewarding and enjoyable. Our company members are making a large effort to ensure that our students are doing engineering work that will encourage and inspire them to consider careers in our industry. The COOP experience is probably one of the most important events in a student’s time at Orono in developing their perception of a pulp and paper career.

The feedback we have received both from current COOP employers and from companies interviewing our current students is that the quality of our students is improving and is at a very high level – comments we hear include very intelligent, active, interested, involved, and nice young people. Our COOP employers are also pleased that so many Chemical Engineers are available for COOP – we have gone from too few ChE’s for COOP positions, to the possibility that we may have one or two without COOP positions – so if you know of any openings please let us know.

We have been busy at the Foundation trying to reduce costs – the Audit Committee put out to bid our 2010 Audit, and with the approval of the Executive Committee has awarded the audit contract to a new CPA firm, saving the equivalent of about one scholarship. We have also been busy bringing accounting back in house saving the equivalent of two scholarships. One area that we have not reduced has been scholarships – we continue to stay focused on our primary goal of helping students to prepare for technical careers in the Pulp and Paper, and affiliated industries. We expect to hit our 2010 scholarship target of $750,000.

Our graduates last May did very well with all ChE Pulp and Paper Foundation scholarship graduates having job offers, as well as the vast majority of our total class engineering students at our current level.

At the scholarship banquet, students had the opportunity to talk over dinner with members of the Foundation’s Scholarship Committee and several human resource representatives from Foundation member companies who employ our students as co-op and interns who were in attendance at the banquet to present scholarship checks to their student employees.

For the second year, first year scholarship recipients were invited to attend the scholarship banquet affording them the opportunity to meet upper-class scholarship recipients and to start building their networks.

Jason Lyons of Honeywell Process Solutions and Chair of the Foundation’s Scholarship Committee welcomed students and was also the evenings featured speaker. Jason told our students how important they are to our industry and how much they are needed in our industry once they complete their education.

Additional information and Pulp & Paper Foundation scholarship applications are available by calling the Foundation office at (207) 581-2297 or by visiting us on our website at www.mainepulpaper.org. The deadline for upper-class scholarship applications is March 1, 2011.

Foundation Awards Fall Scholarships to 93 Students Preparing for Paper Related Technical Careers

The Pulp & Paper Foundation’s annual fall scholarship banquet was held on September 16th with presentation of checks to 71 upper-class students who are preparing for paper industry careers. More than $296,000 was awarded to scholarship recipients represented by 23 seniors, 27 juniors and 21 sophomores. Twenty-two first year scholarship recipients were also in attendance giving them the opportunity to meet upper-class students and members of the Foundation’s Scholarship Committee.

By field of study 46 students are studying chemical engineering, 23 students are studying mechanical engineering, and 6 students are studying mechanical engineering technology. There are 4 students each studying biological engineering, electrical engineering and civil engineering. We have 2 students who are forestry majors, 3 students majoring in computer and electrical engineering and one student studying computer engineering.

Ninety-two students come from Maine towns and one student hails from Washington State.

Earlier in the day the Scholarship Committee had its annual meeting where it was decided we will continue to support up to 25 entering first year engineering students and will also continue our support of upper-class engineering students at our current level.

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Scholarship Committee members Jack MacBrayne (first row, second from right) and Mike Vashon, Madison Paper (back row, right) presented checks to scholarship recipients at the Foundation’s annual fall scholarship banquet held in September.
New Foundation Company Welcomed at Paper Days

Foundation Membership Committee Chair John Wolanski announced we have three new Corporate members and presented membership certificates to company representatives at Paper Days. Joining the Foundation in 2010 were FMC Corporation in Rockland, ME; Old Town Fuel and Fiber in Old Town, ME; and the new Savage Safe Handling in Auburn, ME.

Mark Your Calendar - Plan to Attend
Paper Days - Open House
April 6 & 7, 2011

Keynote speaker will be Mike Jackson, CEO, Verso Paper
Consider Engineering 2010 Hugh Success - 2011 Applications Available

Without question the best means of recruiting high ability students to the University of Maine to study engineering and to ultimately seek employment in our industry continues to be our summer “Consider Engineering” program.

In 2008 the program was expanded from two four-day sessions to three four-day sessions allowing us to expand our number of students served from 60 to 102. In 2010 the program was expanded to offer a special “one-day” mini program so we could accommodate up to an additional 20 students.

Each January program posters, brochures and applications are mailed to high school guidance offices both in and out-of-state. Applications are also available for download on the Foundation’s website. Students are asked to submit an application packet to be considered for admission to the program.

The admissions process requires students to write a letter describing what they hope to learn while attending our Consider Engineering camp. Students are also asked to provide a copy of their high school transcript and to have a teacher or mentor write a letter of recommendation on their behalf.

A selection committee then reads and rates each student’s application and the top 102 students are offered admission to the program. All program costs, lodging and meals are paid by the Foundation so there is no cost to the student.

The program provides students with a four day college experience consisting of more than two dozen activities including problem solving challenges, experiments, department tours, a paper mill visit and tour and a challenging construction project competition.

A highlight of the program for participants is our weekly student panel where students are invited to ask panel members (current students) questions about college life, academic requirements and what being a student at UMaine is really like. Another highlight, “I AM an Engineer” gives participants the opportunity to work in teams to solve engineering problems for “clients” who pay them for solutions. The team with the most income at the end of the game is the winner.

Many students tell us they were unsure about engineering until attending our program and learning about what engineers do and what types of engineering careers are available.

The dates for Consider Engineering 2011 will be July 10-13; July 17-20 and July 24-27. Applications are available on the Foundation’s website at www.mainepulpaper.org or by calling the Foundation office at (207) 581-2297.
2009-2010 Pulp & Paper Foundation Student/Faculty Highlights

Sarah Muzzy (Class 2011) was selected as the 2010 National PIMA Outstanding Student of the Year Award recipient.

Doctoral Student James Beaupre was elected as the President of the Association of Graduate Students (AGS), Spring 2010.

Paige Case (Class 2011) won the regional SWE Region F. Poster Award for work on thermal conversion of woody biomass.

UMaine’s ChemE Car Teams took the first and the third highest honors at the Northeast Regional Competition, sponsored by the American Institute of Chemical Engineers, in March, 2010. UMaine hosted the regional conference attended by more than 100 faculty and students.

Dean, Dana Humphery (left) presents the Francis Crowe Engineering Excellence Award to Chemical and Biological Engineering Professor David Neivandt.

Thomas Schwartz (Class 2010) College of Engineering 2010 Hovey Award

Owen McCarthy (Class 2010) College of Engineering 2010 Outstanding Senior Award 2009-10 Class President.

Mark Gardner of Sappi North America Keynote Speaker at Paper Days

As the Paper Days keynote speaker, Mr. Gardner’s talk focused on strategy noting that their strategy positions them well to succeed in a changing market.

- Committed to the development and training of our people
- Stable with clearly positioned brands
- Customer Focus – ease of doing business
- Well invested cost competitive assets
- Track record of productivity and cost improvement
- Reliable services
- Investment in value added products and services
- Dedicated to sustainable operations
- Unique and innovative specialty products

Some of the key points demonstrating the above strategy included a 55% decrease in oil consumption at the Somerset mill since 2003, a vibrant Lean Six Sigma program delivering significant results to the bottom line, a training goal of 60 hours/employee over the next 5 years, a significant improvement of safety since 2003, and investment in assets that include a $49 million rebuild of the recovery system at Somerset that was completed this fall. From an employment perspective, approximately 60-75 job opportunities will be available over the next several years at SAPPI sites in Maine.

Mark Gardner’s presentation can be found at our web site www.mainepulppaper.org under the Paper Days Tab.

Focus on Pulp & Paper Foundation Volunteers

By Jack Healy

If you ask anyone in the Maine Paper Industry who has more contacts than anyone else, there is only one name that comes to mind — John Wolanski. Whenever I need a phone number, or a contact, John’s the man I call. My first contact with John came in a phone interview for the position of Executive Director – he wanted to know what type of bird I would be if I could be any bird – of course John was looking for an eagle or some type of raptor, but I mistakenly chose loon, and I didn’t expect to get the job.

John’s ability to develop and maintain contacts puts him in a great position to lead our Membership Committee and to contribute as Secretary of the PPF on our Executive Committee. John developed the concept of Mill Luncheons, or as he likes to call them, mini Open Houses or mini Paper Days. The concept of bringing MPPA, NE Tappi/Pima, and the Maine Pulp and Paper Foundation together at mill sites has been a great success, and is considered a model for other paper making areas. It keeps us focused on why we do what we do, and that the end result of lobbying by MPPA, of holding technical meetings by Tappi/Pima and of supporting the next generation of engineers by the PPF is ultimately making the best paper in the world.

John has been Vice president at Savage Safe Handling since 2004, prior to SSH, John has been Vice president at Savage Safe Handling. In their presentation to our students they described their experience in Concepcion Chile last spring while on sabbatical 18 miles from the epi center where one of the largest earthquakes in modern times occurred.

The last seminar “Networking - a Framework for Career Development” featured three outstanding networkers - Ted Kennedy of Georgia Pacific; Ray Heuchling of the Heuchling family; and his family. They described their experience in Concepcion Chile last spring while on sabbatical 18 miles from the epi center where one of the largest earthquakes in modern times occurred.

The second fall seminar was titled “Strategies for Navigating a Disaster in an Unfamiliar Culture” presented by Dr. Bill Desisto (Professor of Chemical Engineering) and his family. They described their experience in Concepcion Chile last spring while on sabbatical 18 miles from the epi center where one of the largest earthquakes in modern times occurred.

First Year Student Scholarship Application Deadline Quickly Approaching

Do you know of an incoming first-year engineering student who might be interested in applying for a Pulp & Paper Foundation scholarship?

Foundation Scholarship Committee Chair, Jason Lyons, has announced we will be offering up to 25 full-tuition scholarships to students entering the University of Maine to study engineering in the fall of 2011.

Our industry needs energetic and bright people to help solve challenging business and technical problems and to provide new ideas for future successes. If you know of a student who meets the criteria of wanting to explore the opportunities our industry offers, please encourage them to apply for a scholarship today.

Applications were mailed to all high school guidance offices, and to math, science and physics teachers earlier this fall. A student can fill out and print an application on our website at www.mainepulpaper.org, or obtain an application by calling the Foundation office at (207) 581-2297 or by sending an email to woodcock@maine.edu. Jack and Faye welcome calls requesting applications and will happily answer any questions students might have. The deadline for application submission is January 10, 2011.

Fall Chinn Engineering Management Seminars Inspire Students

Chinn Engineering Management Seminars are offered three times each semester as a means of exposing students to topics not traditionally offered as part of their engineering curriculum. Each seminar consists of a lecture, question and answer period and dinner offering students the opportunity to meet and talk with seminar presenters.

This fall our seminar series opened with “How to Stay Challenged, Exceed Expectations, Have Fun, and Prosper in the Business World.” The program was presented by Dale Wibberly, HR Manager at Sappi Fine Paper’s Somerset Mill. Topics discussed were employee expectations and measurement systems of modern corporations; how to enhance your career development - from a co-op position on; balancing work, career and family life, and staying challenged.

The second fall seminar was titled “Strategies for Navigating a Disaster in an Unfamiliar Culture” presented by Dr. Bill Desisto (Professor of Chemical Engineering) and his family. They described their experience in Concepcion Chile last spring while on sabbatical 18 miles from the epi center where one of the largest earthquakes in modern times occurred.

The last seminar “Networking - a Framework for Career Development” featured three outstanding networkers - Ted Kennedy of Georgia Pacific; Ray Heuchling of the Heuchling Group; and John Wolanski of Savage Safe Handling. In their presentation to our students the team discussed the benefits of having a good network and how networking has helped them in their careers. Students also learned how to develop and nurture a network and how a network should be about helping others.

Students often stop by the Foundation office in the days following a seminar to tell us how much they appreciate and learn. Just last week one of our students dropped by to say “The seminars are so good they should be a mandatory part of an engineering education.”

If you have a topic you would like to present as a Chinn Engineering Seminar, please contact Jack Healy in the Foundation office at 207/581-2298 or by email at healy@maine.edu.
Owen McCarthy (2nd from left) and Sean Snyder (left) present scholarship to Ashland’s co-op student.

Annette Smith Wright from Lincoln Tissue and Paper presented checks to her co-op students.

Jason Lyons (center), Scholarship Committee Chair presented checks to students.

Grant Byras, Cascades Auburn Fiber and Scholarship Committee member (2nd from right) was available to present scholarship checks to students at the Annual Pulp & Paper Foundation scholarship banquet.

Brian Strothman, Verso, Jay (3rd from right), presented scholarship checks to students who co-opped at their mill in Rumford.

Annette Smith Wright from Lincoln Tissue and Paper presented checks to her co-op students.

Jason Lyons, Honeywell Process Solutions, and Foundation Scholarship Committee Chair, (3rd from right) presented scholarship checks to co-op students at the Foundation’s September banquet.
Rob White, Verso Paper, Bucksport (center) presented scholarship checks to students employed as co-op’s at Verso’s Bucksport mill.

Dale Wibberly, HR Manager at Sappi’s Somerset mill (3rd from left) presented scholarship checks to Sappi Somerset’s co-op students at the Foundation’s fall scholarship banquet.

Jason Lyons, Account Manager with Honeywell Process Solutions and Scholarship Committee Chair presents a scholarship check to Paige Case who co-oped with Eka Chemicals.

Peggy Gray, HR Manager at Sappi’s Westbrook mill (2nd from right) presented scholarship checks to Sappi Westbrook’s co-op students at the Foundation’s fall scholarship banquet.

Bill Peterson, Twin Rivers, Madawaska (3rd from right) presented scholarship checks to students co-op students.
56 Students Interview for Co-op Positions

Each Fall Foundation company members are sent an invitation to participate in our fall co-op interview process. Companies who are interested select a date to visit campus to interview students who are looking for a co-op or intern position.

A typical co-op schedule permits a student to work for an employer for one summer and one semester while a typical internship offers students the opportunity to work for an employer for two summers or for 9 continuous months.

One of the conditions scholarship recipients must fulfill in order to keep their scholarship is to have a co-op or intern position with a Foundation company member or other paper and/or supplier affiliated company.

Before the interviews begin students attend a co-op information seminar conducted by Dr. Hemant Pendse, Chair, Chemical and Biological Engineering and Jack Healy and Faye Woodcock Murray from the Pulp and Paper Foundation. At the seminar the students hear from a panel of students who have already completed at least one segment of their co-op position. Students are encouraged to ask questions of panel members so they may learn about the entire coop process. The students also learn about how interviews are conducted; what types of questions might be asked; how to dress for an interview and how to follow up with a potential employer after the interview has taken place. Students are also encouraged to learn about the companies they will be interviewing with by visiting websites and asking questions before their interview.

Students are asked to submit their resume (electronically) for posting on the co-op segment of the Foundation’s website. This gives potential employers the opportunity to view resumes before the interview takes place.

New this year, an on-line interview sign-up process was designed allowing immediate access to interview schedules and the ability to sign-up for interviews from anywhere on campus. Moments after companies signed up to interview an email was generated directed at students in the major the employer was interested in hiring. Interview schedules filled up fast and in many instances additional interview time slots needed to be added to accommodate the number of students who wanted to interview with a particular company.

Students may (and are encouraged to) interview with as many companies as they are interested in. If the interviewer is impressed, they may offer the student a position during or at the end of the interview. Students cannot accept an offer until all company interviews have been completed. This year “decision day” was November 3rd. Some students had as many as 4 offers of employment which tells us we are recruiting the students you want to hire.

If you have a co-op or intern position available, we still have several chemical, mechanical, biological, and civil engineering students who are available to work for you. Please call Jack Healy in the Foundation office at (207) 581-2298 or email: healy@maine.edu.

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2010 Teacher Recognition Awards Presented at Paper Days Banquet

Scholarship Committee Chair, Jason Lyons announced the award of two teacher recognition awards at the 2010 Paper Days Banquet.

The Inspirational Teacher Award was presented to Cary James, Science Dept. Chair at Bangor High School. This award recognizes Mr. James commitment to his school and his students and his lifelong love of teaching.

The Innovative Teaching Award was presented to Terry Duffy, Math/Physics teacher at Katahdin High School. This award recognizes Mr. Duffy’s excellence through innovative curriculum design and a genuine student focus.

Current scholarship recipients and participants of the previous summer’s “Consider Engineering” program are solicited for nominations each spring.

The Pulp & Paper Foundation has been recognizing outstanding high school teaching excellence since 1991. To date 32 awards have been presented.
The Pulp & Paper Foundation is pleased to announce the establishment of the Joseph M. Genco Award for Pulp and Paper Industry Support.

This award will be given annually to a University of Maine employee who has demonstrated exemplary support of the Pulp and Paper Industry through either outstanding research that has the potential to significantly improve the viability of the industry, and/or through innovative student recruitment to help provide the next generation of pulp and paper engineers, and/or through innovative teaching that inspires current engineering students.

There are three criteria considered of potential nominees: 1. The award will go to a University of Maine employee who has demonstrated exemplary service to the pulp and paper industry; 2. Outstanding research that has the potential to significantly improve the viability of the industry; or 3. Innovative student recruitment to help provide the next generation of pulp and paper engineers. Award benefits include a $1,000 stipend and $2,500 to support ongoing research or recruitment activities.

Pulp & Paper Foundation President, Barbara Kerr Hamilton presented Dr. Joseph M. Genco, Professor of Chemical Engineering and University of Maine Calder Professor, the first Joseph M. Genco Award at Paper Days 2010.

If newsletter readers would like to suggest nominees for the Genco Award, please contact Jack Healy at (207) 581-2298.

For several years incoming first year scholarship recipients have been presented a “Welcome Bag” of “Logo” items from Foundation Company Members. The bags are used to introduce our students to the companies that support them as Foundation scholarship recipients.

Donated items included in the gift bags were umbrellas, water bottles, coffee mugs, pens, highlighters, hats, note pads, note stickies, book bags, exercise equipment, stadium blankets and other items to use at their desk or display in their dorm rooms.

Students were told the gifts were from the companies who will be interested in hiring them for co-op or intern positions and ultimately for permanent hires once they complete their degrees.

If newsletter readers would like to have a “logo” item from their company included in the 2011 welcome bags they are encouraged to contact Faye Woodcock Murray in the Foundation office at (207) 581-2297 or by email at woodcock@maine.edu.
UMaine Pulp and Paper Foundation Giving Options

**Individual Contribution**

Gift Amount: Any Amount

Benefits: Annual contributions support such events as:
- 1 Engineering Class $1000
- Consider Engineering $300/student
- 1 Scholarship Credit Hour $267/Credit Hour
- Career Exploration $225
- Scholarship Banquet $200
- 1st Year Welcome Dinner $100
- Student Recruitment $50
- Other $

**Endowed Fund**

Gift Amount: Minimum $500

Benefits: Contributions continue over time until contributions and investment gains equal $10,000, and then the fund becomes a Named Scholarship (see below). Scholarship distributions to students will not begin until the fund reaches $10,000. The endowed fund will be listed in the annual report each year.

**Named Scholarship:**

Gift Amount: $10,000 to $49,999

Benefits: Bronze Plaque (12” x 18”) in Jenness Atrium
Recognition at the Paper Days Banquet – plaque presented in front of ~ 250 members and students
Recognition in our annual report
Letter each year from student who is assigned and receives the scholarship, with student picture
Preference as to type of major to receive the scholarship
Preference as to geographical area of student
Lifetime membership (with voting rights in the UMaine Pulp and Paper Foundation)

Annual $ to students: Maximum of 5%/year – or $500 to $2499/year. Principle will never decrease below initial gift.

**USA Scholarship:**

Gift Amount: $50,000 to $1,000,000

Benefits: Bronze Plaque (12” x 18”) in Jenness Atrium

2nd plaque (6” x 12”) in Jenness Atrium
Recognition at the Paper Days Banquet – plaque presented in front of ~ 250 members and students
Recognition in our annual report
Letter each year from student who is assigned and receives the scholarship, with student picture
Preference as to type of major to receive the scholarship
Preference as to geographical area of student
Lifetime membership (with voting rights in the UMaine Pulp and Paper Foundation)

Annual $ to students: Maximum of 5%/year – or $2500 to $50,000/year. Principle will never decrease below initial gift.
The cost of tuition has increased markedly in the past 12 years, increasing by more than 100%. Much of the increase has resulted from decreased financial support from the State of Maine. UMaine still provides a tremendous education value, however the increased tuition cost, and our desire to support about ninety very qualified engineering (87) and forestry (3) students is beginning to stretch our endowment. Our spend has been about 5.6%, vs. a target of 5.0%. The additional .6% is currently being covered by unrestricted funds. Our executive committee has elected to continue to support 90 students, but recognizes that this level of support will not be able to continue without an increase in giving. Your support is critical to the ongoing success of our Foundation and our ability to support our great students.
2010 Foundation Honor Awarded to Dana Dolloff

Dana Dolloff, Director Environmental Affairs, Rayonier (retired) was presented the Pulp and Paper Foundation’s 2010 Honor Award at Paper Days in April. The award recognizes Dana’s many years of service to the Pulp and Paper Foundation. The award was presented by Honor Award Committee Chair, Roy Barry.

The citation on the 2010 Honor Award reads: A model graduate of the University of Maine and a distinguished leader who has exerted a strong influence on the paper industry, his community, and this Foundation. A champion of this Foundation’s providing scholarships to students and strengthening the University of Maine and its chemical engineering faculty. Through his efforts, and those of other scholarship recipients, the University of Maine has become well known throughout the paper and supplier industries as a source of capable engineers and managers. This Honor Award is presented as a token of our deep appreciation and to recognize his many valued contributions enhancing the University of Maine’s reputation for excellence throughout the paper and related industries. Presented this 7th day of April, 2010.

As a special surprise, members of Dana’s family made the trip to Orono and hid in the Paper Days audience to be on hand for the award presentation. Dana noted during his acceptance speech that 2010 was the 39th consecutive year he has attended Paper Days and that he believes he has received more from the Pulp and Paper Foundation than he has given.