

The Dandy Scroll

Volume LXI No. 2 • Fall/Winter 2019



**UMaine Students visit Germany & Austria and
tour the Sappi Ehingen Mill during TREE Trip**



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UMPPF 2019 - Plans to Grow!

The UMPPF has exciting news to share with this fall's newsletter: Our Executive Committee has given the green light to continue to expand our student body! We provided scholarships to 80 students in the Fall of 2017 and have grown to 100 students this fall. Within the next five years, we hope to provide scholarships, networking opportunities, and mentoring to over 150 students each year!

We cannot currently fill all of the co-op, intern, and full-time jobs being offered by our company members because we don't have enough available students. This expansion of our student body will be a wonderful opportunity for even more talented students to earn our scholarship and cover all or most of their tuition costs at UMaine. Applications are available on our website at mainepulpaper.org.

We are so fortunate to have the support of companies who see the tremendous value of our students, and for our alumni who recognize the value of the education that they received at UMaine and the connections made through the UMPPF and wish to pay it forward. As the year draws to a close, we hope that you consider a donation to the UMPPF as either an annual contribution which helps us put on incredible programs like Consider Engineering free of charge to students, to add to an existing scholarship, or to establish your own scholarship (as little as a \$500 donation will become a scholarship once it reaches the \$10,000 level). These students are amazing, and Jen and I are blessed to interact with them each day. Our students are generous, with many of them giving us flowers, thoughtful cards, or even checks toward their class scholarship

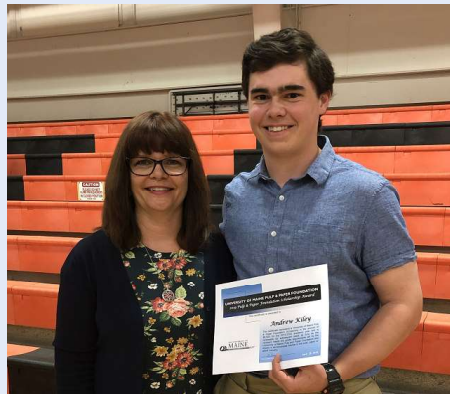
fund before they even walk the aisle to graduate from UMaine! One graduating senior this year left us the most touching note, which we have included on the back of this year's scholarship card. I share it with you in parting as an example of what a meaningful organization we are all a part of:

"Words will never be enough to thank you for all that you have done for me during my college career. I credit all of the amazing work and life opportunities that I have experienced to you, and I will forever consider the UMaine Pulp and Paper Foundation as family. Thank you from the bottom of my heart for cultivating me into the person I have become. I look forward to giving back to the organization that has given me so much!"

-Carrie Enos, President



FY Scholarship Recipient Aaron Cameron of Rumford, ME, is congratulated by Blue Keim, ND Paper, CHE '94.



Amy Luce, UMaine TRC Manager, CHE '91, presents a FY Scholarship Certificate to Andrew Kiley of Brewer.



Kelsey Bolduc, CHE '16, congratulates her cousin, Andrew Bolduc, CHE '22 at the fall scholarship banquet.



Gift bags were presented to 26 first year students at the Scholarship Banquet in September. The gift bags contained logo items donated by Foundation Company Members and included water bottles, hats, pens, flash drives, note pads, lanyards, flashlights, lunch boxes, PPF polos, drawstring bags and other items to use at their desk or display in their dorm room.

Fall Scholarship Banquet in Jenness Hall Welcomed over 100 Students Back to Campus in September

The University of Maine Pulp and Paper Foundation (UMPPF) welcomed the Class of 2023 and brought industry representatives, UMaine faculty, and scholarship recipients together to present Fall Scholarship checks on September 12th. The UMPPF's total number of scholarship recipients has grown by 25% over the last two years to over 100 students thanks to increasing demand for UMPPF engineers and strong corporate and alumni support. The nearly 70 corporate members of the UMPPF once again sent in items for the First Year Welcome Gift bags for each of 26 new students.

Blue Keim, Operations Manager of

the R10 & R12 Machine Complex at ND Paper Rumford, spoke about skill, attitude, and integrity as pillars of success in one's career and in life. He handed out copies of the 7 Habits of Highly Effective People to a few lucky students, and he reinforced the continuing demand for these young engineers in the pulp and paper industry. Blue's talk rang true to our students as it is obvious that he truly exemplifies the character traits that he spoke about.

In total, the UMPPF will award nearly \$720,000 in Full and Partial Tuition scholarships this year to students currently enrolled in the College of Engineering. Students enrolled in Chemi-

cal, Mechanical, Electrical, and Civil Engineering as well as Mechanical and Electrical Engineering Technology or Forestry are eligible for these scholarships. Recipients are required to complete at least two semesters of co-op or internship experience in the Pulp and Paper Industry, and they graduate in four years with the significant advantage of nearly a year's worth of experience (or more) in their field. The UMPPF student body will continue to grow to meet the demands of industry, who have come to appreciate the knowledge, experience, and strong work ethic of UMPPF engineers. To learn more, visit mainepulpaper.org.

PCA Hosts October Luncheon for all Engineering Students



Packaging Corporation of America CEO Mark Kowlzan speaks to engineering students in Hill Auditorium, Barrows Hall, during a luncheon for all UMaine Engineering students on October 3, 2019. UMaine Dean of Engineering, Dana Humphrey, welcomed PCA and kicked off the luncheon.

Mark Kowlzan (left) speaks with students following the luncheon about jobs opportunities at the many PCA locations throughout the U.S. Also in attendance from PCA was Dana Cook, Director Papermaking Technology; Chris Changnon, Executive Director, Corporate Human Resources; Barbara Robinson, Corporate HR Project Manager and Steve Provençal, Senior Staff Engineer.



2019 Travel & Career Exploration Seminars

This fall UMPPF President Carrie Enos traveled again to upstate New York. An alumni dinner in Glens Falls, NY was attended by Matt Haws '17 of Essity in South Glens Falls, Annette Smith-Wright '96 of Irving Consumer Products in Fort Edward, Devin Weaver '17 of Kemira, Keith Meyer '82 of Andritz and his wife Betsy, Pat Pepin '92 and Bill Beitzel of Andritz, Jeremy Walsh '00 of Honeywell, Chip Ellms '71, '72 PPT of Aries Chemical, Shania Evangelista '18 of Hollingsworth and Vose, and Ashley Pezanowski '19 of International Paper.

The following day Irving Consumer Products in Fort Edward hosted a Career Exploration Seminar for nearly 40 students from South Glens Falls and Glens Falls High Schools. UMPPF alums Annette Smith-Wright and Jon White were among the Irving leaders who gave them an introduction to the facility and the broad reach of Irving, including an emphasis on their need for new talent as well as their belief in environmental stewardship. The students then re-

ceived an introduction to UMaine and the Pulp and Paper Foundation led by Carrie. Finally, the group got to see different disciplines of engineering in action, including a tour of a world-class tissue facility and converting operations. We hope to see even more of those students apply for Consider Engineering as well as Scholarship opportunities.

In late October Carrie spoke at the MELMAC Peer Learning Session in Augusta, reaching an audience of high school teachers and guidance counselors who interact with prospective students every day. The UMPPF hosted a Family Science Café in November for elementary and middle school students and their families at the Challenger Learning Center in Bangor, ME to introduce them to our industry. Our current UMPPF Chemical Engineering students led them in activities which included making colorful paper handsheets, making their own lava lamps to take home, an elephant toothpaste demonstration and building with K'nex.

In November Career Exploration

Seminars will be hosted by Twin Rivers in Madawaska and ND Paper in Rumford for high school students in those areas. Carrie Enos will engage with students from Madawaska, Fort Kent, Presque Isle, Mountain Valley, Spruce Mountain, Leavitt, Dirigo, and Telstar High Schools on various aspects of engineering as well as UMPPF Consider Engineering and Scholarship opportunities. The students will receive tours of the mills to see engineering in action. Each session will conclude with lunch and a Question and Answer Session with engineers so that the students can ask questions about college, career options, and more.

In December additional Career Exploration Seminars will be held at Sappi in Skowhegan and Valmet in Biddeford. With our mission to continue to grow, recruiting is going to continue to expand! No matter where you live and work, if you would like Carrie to visit high schools in your area and/or host a Career Exploration Seminar at your facility, please contact her at carrie.enos@maine.edu.



UMaine Alums join Carrie for dinner on a recent road trip to Glens Falls NY. During the visit to New York, UMPPF partnered with Irving Tissue in Fort Edward, NY to host nearly 40 students in a Career Exploration Seminar. Thanks to UMaine alum Annette Smith-Wright (2nd from left) and the team at Irving Tissue for providing this opportunity!

Thirty Companies Interview Students for Co-op and Intern Positions this Fall



Changes Coming to the Process Development Center

The Process Development Center will once again be undergoing changes, this time in the refining lab. In June 2019, PDC Director Colleen Walker secured a \$1 million grant award from the Northern Border Regional Commission (NBRC) to expand the PDC's cellulose nanofiber plant. This project will take the technology patented and licensed by the PDC from a batch to continuous process.

NBRC is a Federal-State partnership that supports economic and community development within the most distressed counties of Maine, New Hampshire, Vermont, and New York. This new project not only includes upgrades to the current pilot plant at the PDC, but includes a preliminary evaluation of mill sites, both operating and shuttered, for their ability to produce or use nanocellulose.

The PDC is working very closely with their commercial partner, **Valmet**, on this project. The long-standing partnership dates back to an original agreement made with GL&V to license the PDC's technology for making nanocellulose. Valmet acquired GL&V in Spring 2019 and continues to support the partnership, pledging two new refiners to be installed at the PDC as part of this project. **Sulzer** has agreed to participate in the application review, sizing and selection of pumps in cooperation with UMaine and Valmet. Pump donations are under review. This is a large project, and there are still opportunities for other companies to support this new plant. Please reach out to PDC Director Colleen Walker if your company would like to be part of this project.

UMaine – the Heart of Nanocellulose Valley

The PDC and the University of Maine are internationally recognized for the production of nanocellulose. Since 2013, the PDC has shipped over 4 tons of one-pound samples of nanocellulose to 50 countries, reaching over 300 companies and 275 universities. Over 25 tons have been sent for commercial trials both domestically and abroad. The pilot plant expansion project, plus the many researchers on campus using nanocellulose in a whole host of applications, makes UMaine the heart of "Nanocellulose Valley".

In August 2019, the PDC hosted the first Cellulose Nanomaterials Researchers Forum, bringing together researchers from across the UMaine campuses to share research updates. Several invited speakers

were on hand, including Michael Goergen, Vice President Innovation for the U.S. Endowment for Forest and Communities. Over 100 attendees heard updates from UMaine researchers on projects, enjoyed perspectives from several invited speakers, and attended a student poster session. New to nanocellulose? Visit the PDC's website to learn more at www.umaine.edu/pdc.



Attending the Forum: Dr. Hemant Pendse (UMaine, far left) and Forum guest speakers (l-r): Dr. You-lo Hsieh (UC Davis), Dr. Nathalie Lavoine (NCSU), Dr. Colleen Walker (UMaine), Michael Goergen, US Endowment for Forestry and Communities, Dr. Robert Moon, US Forest Service, Dr. Christopher Luetzgen (RBI at GaTech).

Celebrating PDC Students

The PDC has a long history of employing students during the school year as well as the summer. Past and current students tell how valuable this experience is for them. While not a traditional co-op experience, student employees gain experience in a wide range of areas – from pump maintenance to preparing coating chemicals or papermaking additives to paper testing, or even being trained to operate a forklift. More experienced students also interface with PDC clients, gaining some professional development experiences as well.

Three of the PDC's current students are moving from the lab to the mill. PDC student employee **Devin Maynard** is a sophomore Mechanical Engineering student that



Student employee Devin Maynard, MEE '21, working on the PDC paper machine.

is currently out on co-op with PCA. Devin had been working in the PDC for six months, fixing pumps and installing new piping for the headbox, and was recruited for and has extended his co-op.

Anna Snow, a sophomore Chemical Engineering student and a foundation Scholarship recipient, started working for the PDC in the spring of 2019, and has worked on the Faustel coater and mastered a wide variety of paper testing. She will be heading to Alabama for her summer co-op with PCA in the summer.



Anna Snow, CHE '22, cooking starch in the PDC for a client trial.

Giorgia Calcagno, senior Chemical Engineering student and foundation Scholarship recipient, has worked for the PDC for over a year, working on the Faustel coater, cooking starch and prepping chemicals for paper machine trials and conducting a wide variety of paper testing. Giorgia will be joining Sappi in Skowhegan following graduation this May.



Giorgia Calcagno, CHE '20, threading the PDC paper machine.

While the PDC's budget currently only supports 3-4 students per year, there is enough work and opportunities for more. For about \$9,000 a year, a company can sponsor a student employee to work about 8-10 hours a week during the fall and spring semesters, and full time during the summer. Consider sponsoring a student to help another young engineer learn about the exciting challenges in the paper industry before they even get there for their first co-op!

TREE TRIP to Austria and Germany by Emma Smith, CHE '21

In May, 12 students participated in UMaine's TREE (Tappi Research Expedition Europe) trip through Germany and Austria to tour a wide array of pulp and paper industry facilities. In 12 days we saw 10 different sites, including equipment manufacturers, pulp and paper mills, and chemical plants. This trip allowed students to see cutting edge technology and research that is happening in the pulp and paper field. The trip also demonstrated that this industry is exciting and expanding, helping to cement the idea that a career in the pulp and paper industry is a viable and fulfilling option.

Andritz graciously hosted our group, and we toured two of their equipment manufacturing sites. First was the company headquarters located in the Andritz province in Graz, Austria, which is where the company's name originated. We began the visit with a presentation about Andritz, their business model, and where they see the pulp and paper industry going in the future. Next, we toured their manufacturing center and saw how equipment such as refiners, headboxes, and turbines are produced. We found this extremely interesting; most of the students had experienced these unit operations while co-op'ing in the field but had never seen how they're manufactured. We also saw a pilot tissue machine that can be configured in eight different ways, allowing the pilot machine to be versatile and applicable to many different mills that conduct trials on it. We toured a second Andritz facility in Regensburg, Germany that specializes in manufacturing screen baskets. We had lunch with a few of the engineers who design these baskets, and they advised the group to become an expert on one area of the pulp or paper making process (such as refining or screen baskets). They urged us to always pay attention to the efficiency of these unit operations, which typically present opportunities for improvement in mills.

While in Graz, we also visited the Technical University of Graz, which has a strong pulp and paper presence similar to UMaine's. We learned about what kind of research they do, including research for companies such as Andritz.

We also visited Voith at their flagship facility in Heidenheim, Germany. Here we saw where they produce paper machines, turbines, steam engines, and ship rudders. The group was impressed both Andritz and Voith have intensive training and internship programs to train teenagers and young adults in metalworking and machining. Both companies had a huge emphasis on teaching the next generation and investing in the future of the company.

At Xerium (which is a subset of Andritz) in Reutlingen, Germany, the group saw how clothing for paper machines such as press felts and forming fabrics are produced. We were shocked to see how intensive the process of creating this clothing is. The facility has large looms which weave together individual threads into larger spools, and then multiple spools are used to weave the fabrics. After weaving the fabric, the clothing is heated and stretched to prevent the cloth from stretching or deforming later. Next, the fabric is made into a continuous loop by 50% machine stitching and 50% hand stitching. These fabrics are essential to sheet drainage and formation, so it is important that they have no flaws.

The group toured three different pulp and paper mills-- Sappi Gratkorn, UPM Augsburg, and Sappi Ehingen. Gratkorn is Sappi's largest integrated mill; it has two paper machines that produce high quality, coated graphics paper. We were impressed by the cleanliness of this facility and their application of many different lean six sigma concepts. UPM Augsburg was also very educational because they make ground wood and recycled, deinked pulp; many of the students in the group had not seen a recycle plant before. The site has one paper machine that produces communication papers. The last mill that we toured was Sappi Ehingen, which produces primarily fine graphics paper but also packaging grades. Because it produces master rolls and converts them into sheets in the same facility, the group was able to see the converting process as well.

We also toured two chemical manufacturing plants. The first was an Omya site in Golling, Austria. Precipitated calcium carbonate is produced at this plant, which is used as fillers in paper as well as in coating. The group was awestruck by how beautiful the location of this plant is, as it is situated on the side of a mountain in a small Austrian town in the Alps. Secondly, we toured a BASF site in Ludwigshafen, Germany (aka "BASF Town"). This site was extremely

impressive, producing 1200-1500 different chemical products, covering a 10 km area, and employing 40,000 people. They make many products, including coatings for paper products. The plant has a pilot coating machine which companies use to trial new coating formulas on their paper. We learned about the research that BASF is currently doing in coating, where they hope to produce a coating that will allow paper products to replace all plastic packaging. However, the most interesting part of the BASF site was the 'Verbund System' that the company models the entire chemical plant after. Verbund means zero waste, a goal they achieve by using the waste of one chemical process, whether it be byproducts or energy, as the starting material for another process. The sheer amount of chemistry and engineering that went into making this plant possible left many of us speechless and in awe.

Although this trip was full of lots of work and learning, we also found time to have fun. After spending the day touring facilities, we spent the night exploring the city we were staying in. One of the most gorgeous locations we visited was Salzburg, Austria (where the Sound of Music was filmed), which sits among the Alps. While in Salzburg we toured the nearly 1000 year-old Hohensalzburg Fortress, the largest fully preserved castle in Central Europe. It is located on top of a large mountain that we took a funicular to reach, giving us an amazing view of the surrounding Alps. Then in Regensburg, Germany we attended a traditional German festival called Dult Festival. We felt fully immersed in the culture while at the festival, and it was an unforgettable experience.

We are so thankful to all of the donors who made this trip possible. This trip demonstrated that pulp and paper is a thriving, exciting, and growing industry. Furthermore, this trip was truly the trip of a lifetime and we made memories that will stick with us forever. Thank you to everyone who made this trip possible.



UMaine Engineering students visit Voith at their flagship facility in Heidenheim, Germany.

Fall Scholarship Banquet



Blue Keim (left), ND Paper & Scholarship Committee Chair, was the guest speaker at this year's Scholarship Banquet.



Dale Wibberly (2nd from left), Sappi Somerset, awards scholarship checks to Sappi Co-ops and Interns.



Al Reynolds (left), Huhtamaki, welcomes senior Chemical Engineering students to the Fall Scholarship Banquet.



Eve Jordan (2nd from right), Cianbro & Scholarship Committee member, greets students with scholarship checks.



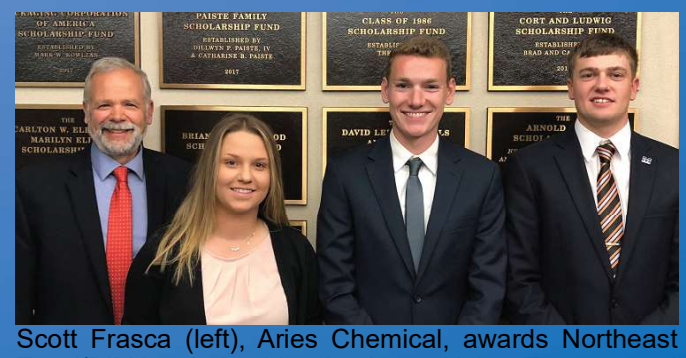
Kelsey Bolduc (2nd from left), P&G, welcomed scholarship recipients, including her cousin, Andrew Bolduc (far left).



Shawn Albert (left), GAC & Public Relations Committee Chair, is pictured with scholarship recipients.



Suzelle Allain, (2nd from left), ND Paper, attends her first PPF scholarship banquet to award scholarship checks to students.



Scott Frasca (left), Aries Chemical, awards Northeast Tappi/PIMA scholarship checks to Haley Turcotte and Andrew Levesque. Jacob Trask was awarded the first Tappi/PIMA Jonathan Haws Memorial Scholarship.

quet Picture Highlights



2018 UMaine Grad, Jess Oriente (second from left), Verso, awards scholarship checks to UMaine students.



Steve Provencal (right), PCA & Scholarship Committee Member, handed out checks to PCA co-ops and interns.



Katherine Bell (left), CHE '17, Huhtamaki, is pictured with sophomore, junior, and senior scholarship recipients.



David Colter (left), GAC Chemical Corp. & UMPF Exec. Chair, welcomes scholarship recipients to the Fall Banquet.



Mark Lenentine (right), EDT & Scholarship Committee Member, is pictured with sophomore CHE students.



Chris Francis (right), Sappi Somerset was on hand to greet Sappi Co-ops and Interns.



Colleen Walker (center), UMaine PDC Director, was on hand to present scholarship checks at the banquet.



Darryl Coombs (left), Cianbro, greets UMaine Scholarship Recipients at the Banquet on September 12th.

Introducing the Class of 2023: Incoming First Year Students Awarded Scholarships



Ricco Call
Chemical Eng.
Newry, ME



Aaron Cameron
Electrical Eng.
Rumford, ME



Emily Cunningham
Chemical Eng.
Hudson, ME



Kyle Curtis
Mechanical Eng.
New Gloucester, ME



Nathan Curtis
Elec. Eng. Tech.
Richmond, ME



Kaylee Faherty
Chemical Eng.
Scarborough, ME



Joseph Goulette
Chemical Eng.
York, ME



Hailey Holmquist
Chemical Eng.
Caribou, ME



Andrew Kiley
Chemical Eng.
Brewer, ME



Hoang Le
Chemical Eng.
Hanoi, Vietnam



Brady Lobdell
Mechanical Eng.
Hampden, ME



Garrett Morneault
Forestry
Mapleton, ME



Hollie Morneault
Chemical Eng.
Madawaska, ME



Samantha Palma
Chemical Eng.
Harpwell, ME



Elisabeth Parker
Civil Eng.
Northport, ME



Alia Parsons
Chemical Eng.
Bucksport, ME



Gabe Pasternak
Chemical Eng.
Bethel, ME



Hunter Quirrion
Mech. Eng. Tech.
Jay, ME



Connor Robertson
Civil Eng.
Orono, ME



Adam Rush
Chemical Eng.
Hermon, ME



Lea Scrapchansky
Chemical Eng.
Brunswick, ME



Parker Shaw
Chemical Eng.
Bangor, ME



Audrey Smith
Chemical Eng.
Orono, ME



Annabelle Soucie
Elec. Eng. Tech.
Auburn, ME



Haley Turcotte
Chemical Eng.
Livermore, ME



Lilas Verrill
Chemical Eng.
Peachtree Corners, GA



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Facebook

Did you know the UMaine Pulp and Paper Foundation is on FaceBook? Like us at University of Maine Pulp & Paper Foundation to follow our activities.

HELP NEEDED: For UMaine Alum Dr. Peter Hart

Would You Quite Literally Become a Lifesaver? Person Willing to Donate a Kidney Needed.

Peter W. Hart '85 BS., '88 MS CHE UMaine, PhD from Georgia Tech, has tirelessly given back to the UMPPF. A regular donor since he graduated, he established the Peter W. Hart scholarship to the UMPPF in 2004 and continues to build the fund annually. He has also given of his time, serving on our University and Industrial Support Committee for years (including a term as Chair).

Dr. Hart (better known as Peter to those of us who love him) has built an incredible career, and he is now Director of Fiber Technology and Innovation at WestRock. He was inducted into the Francis Crowe Society at UMaine in 2012 as a Distinguished Engineer. In 2015, he received the Edward T. Bryant Distinguished Engineering Award from UMaine in recognition that his activities, achievements, and scholarship bring distinction to the profession of engineering. He became a TAPPI Fellow in 2012, which is a merit award for lifetime service to the Pulp and Paper Industry which is awarded to less than 1% of TAPPI members. When he was honored

again by TAPPI in 2015, he donated his monetary prize back to the UMaine Pulp and Paper Foundation in typical Peter fashion.

Now Peter needs our help; he needs a kidney. He has developed chronic kidney disease, and his kidneys are rapidly failing. Peter has been accepted into a transplant program at Piedmont Hospital in Atlanta, GA. He is expected to start dialysis within the next 4 to 6 months. Here is the information Peter provided on this process:

"Unfortunately, the wait list for a deceased donor is approximately 7 years. From the time dialysis starts the typical life expectancy for someone in their mid to late 50's is estimated to be about 5 and half years. The math does not work out particularly favorably. The only way to improve these odds is to find a living donor – someone willing to donate a kidney.

The process to determine if someone is a match is fairly long. First, you must initiate the evaluation process by calling Julie Peiffer at 404.605.2950. Then you will be asked to fill out a questionnaire. If you pass this stage, a series of blood tests will be performed. These tests will be covered



by my insurance. If you are a match, you will be asked to attend a class on donation where you will be asked a series of other questions about your donation.

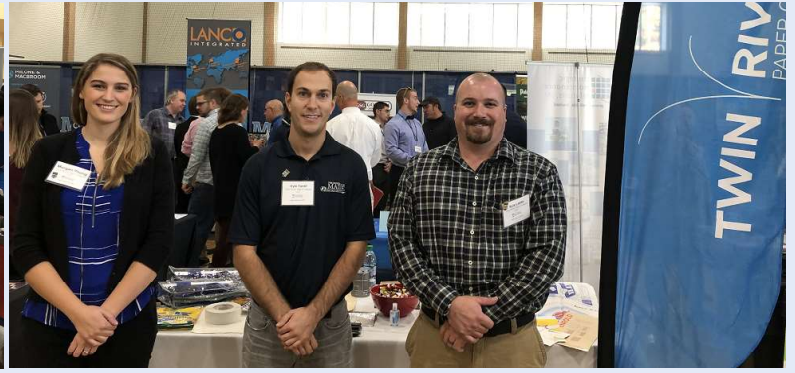
If everything comes out well, the actual kidney harvesting will be performed laparoscopically. You will end up with about a 3 inch incision and be fully recovered in about 3 to 4 weeks. Thank you for your consideration of this matter. Thoughts and prayers would be welcome, and a living donor would be a literal lifesaver."

Please spread the word far and wide – let's continue the good work we do every day by helping Peter find a kidney donor!



Senior scholarship recipients (Class of 2020) attend the UMaine Pulp & Paper Foundation's Fall Scholarship Banquet.

Company Visitors Attend Annual UMaine Engineering Career Fair



108 Students Accepted Invitations to UMaine in July to Participate in Consider Engineering 2019

For 48 years, the Consider Engineering program has been offered by the UMaine Pulp & Paper Foundation. This July we hosted three sessions of Consider Engineering on the UMaine campus for 108 high school students who had just completed their junior year of high school. This program is an introductory look at all the different disciplines offered by UMaine's College of Engineering, including the School of Engineering Technology. In response to increasing demand, we expanded each session so that we could host 108 students instead of 102 - we continue to grow!

The program starts each week when students and their families arrive on Sunday with a presentation by Foundation President Carrie Enos. Consider Engineering is designed to challenge participants, answer questions, and to show them what engineering majors and programs are available to study at UMaine. Over the four-day summer camp students meet UMaine engineering professors, current engineering students, tour UMaine's engineering facilities, tour a papermaking facility, complete a construction design project, participate in a difficult problem-solving exercise,

compete in a product development challenge, 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. The Consider Engineering closing luncheon includes words of wisdom from a UMaine graduate working in our industry as well as the awarding of prizes for the many competitions of the week.

We would like to thank our industry volunteers Barbara Hamilton and Keith Meyer of Andritz, Addie Nadeau of Savage Safe Handling, Jenny Williams of Solenis, and Craig Martin of GAC Chemical for volunteering their time with our students. We are also grateful to Dr. David Neivandt and Andy Sheaff of UMaine who once again went above and beyond to make sure our Consider Engineering students had the best experience possible. Lastly, we would like to thank the teams from each engineering department who hosted tours and also provided faculty and grad students to facilitate the experiments in each engi-

neering discipline.

Program brochures and applications for Consider Engineering 2019 will be available in high school guidance offices as well as online at mainepulpaper.org in late January. You may also call the Foundation office at 207/581-2297. The deadline to apply for admission to Consider Engineering is April 15th.

First Year Scholarship Applications Available NOW

Do you know a student with an interest in the paper industry who will enter UMaine in the fall to study engineering? If yes, please encourage them to apply for a scholarship today.

In total, the UMPPF will award nearly \$720,000 in Full and Partial Tuition scholarships this year to students enrolled in the UMaine College of Engineering. High school students planning to enroll at UMaine and study Chemical, Mechanical, Electrical, or Civil Engineering or programs in the School of Engineering Technology or Forestry are eligible for these scholarships. The UMPPF student body will continue to grow to meet the demands of industry, who have come to appreciate the knowledge, experience, and strong work ethic of UMPPF engineers.

Scholarship applications and the brochure are available on the Foundation's website at mainepulpaper.org.



High School Juniors visit Sappi Somerset during Week 1 of the 2019 Consider Engineering summer program. The students had the opportunity to tour the mill and have lunch with Engineers from various disciplines.

Alumni & Friends Personals

Ryan Lindemann, '12, is now Operations Supervisor – Paper Mill at Sappi in Skowhegan, ME.

Brian Porter, '12, has been promoted to Engineering Manager at Andritz.

Griffin LeClair, '13, is now Process Engineer, Operational Excellence Group at ND Paper in Old Town, ME.

Lucas Mathers, '13, is now Zone Production Manager for Messer in Kittery, ME.

Adrienne Alley, '15, is Project Engineer at New-Indy Containerboard in Catawba, SC.

Caleb Mathers, '15, has been promoted to Kraft Mill Area Mgr. at Verso in Jay, ME.

Stephen Goulet, '16, is Senior Project Engineer at Sappi in Skowhegan, ME.

Lucas Preble, '18, has been promoted to W3 assistant Superintendent at Packaging Corporation of America in Wallula, WA.

Austin Albert, '19, is a Process Engineer at ND Paper in Rumford, ME.

Paige Belanger, '19, is Quality Engineering Manager at Orion Ropeworks in Waterville, ME.

Evan Brewer, '19, is a Process Engineer at Sappi in Skowhegan, ME.

Alyssa Burkard, '19, is Process Engineer at WestRock in West Point, VA.

Jay Burkard, '19, is Process Control Engi-

neer at WestRock in West Point, VA.

Maeve Carlson, '19, is a Civil Engineering Graduate Student at UMaine.

Gabriela Constantin, '19, is Process Engineer at Long Falls Paperboard in Brattleboro, VT.

Alexis Cote, '19, is a Process Engineer at Texas Instruments in South Portland, ME.

Ethan Dapice, '19, is a Process Engineer at PCA in Filer City, MI.

Abigail Elliott, '19, is Process Engineer at WestRock in West Point, VA.

Shawn Farrington, '19, is a Process Engineer at Verso in Jay, ME.

Alexander Flannery, '19, is a Process Leader at P&G in Auburn, ME.

Elaina Gilman, '19, is a Process Engineer at PCA in Filer City, MI.

Jason Goulet, '19, is Process Engineer at PCA in Filer City, MI.

Olivia Goulet, '19, is a Process Engineer at Verso in Jay, ME.

Luke Greenwood, '19, is a Forester with ND Paper in Maine.

Jacob Gross, '19, is a Process Control Engineer with Andritz in Alpharetta, GA.

Michelle Hale, '19, is a Structural Engineer with Harriman in Auburn, ME.

Megan Hooper, '19, is a Process Engineer at

P&G in Auburn, ME.

Summer Keim, '19, is a Graduate Student at Virginia Tech.

Braydon Norris, '19, is a Technical Engineer at P&G in Auburn, ME.

Ashley Pezanowski, '19, is an Electrical REACH Engineer with International Paper in Ticonderoga, NY.

Benjamin Rancourt, '19, is an Electrical Engineer with SGC Engineering in Bangor, ME.

Tyler Ritter, '19, is a Manufacturing Engineer at P&G in Auburn, ME.

Ming Feng Schnorr, '19, is a Manufacturing Engineer at P&G in Auburn, ME.

Aaron Soucy, '19, is a Production Engineer at Twin Rivers in Madawaska, ME.

Mitchell Thayer, '19, is a Process Engineer at Gorham Paper and Tissue in Gorham, NH.

Zachary Theriault, '19, is a Process Engineer at PCA in Filer City, MI.

Sierra Thibodeau, '19, is a Process Engineer at Sappi in Skowhegan, ME.

Jill Twist, '19, is Associate District Representative with Nalco Water, an Ecolab Company in Maine.

Alyssa Wardwell, '19, is a Process Engineer at Verso in Jay, ME.

Tanner White, '19, is an Engineer at IGIC in Baileyville, ME.

SAVE THE DATE!!!



Paper Days 2020

March 31st & April 1st

*Keynote presented by: Mark Kowlzan, Chair & CEO,
Packaging Corporation of America*

NEW FORMAT for 2020!!

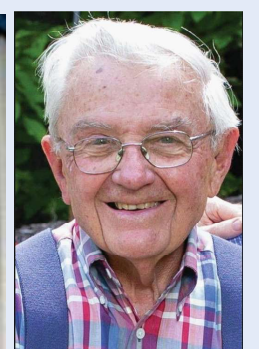
March 31st: Afternoon Registration, Department Tours, Board Meeting & Evening Tailgate Event.

April 1st: Registration Continues and Full Day Program Kicks Off with the Student Panel Breakfast, followed by Guest Speakers, Luncheon, Research & Industry Panel Discussions, Annual Meeting, Social Hour and concludes with the Banquet Dinner!

Science Night at the Challenger Learning Center



Mark Bancroft was honored by the UMaine Alumni Association with a 2019 Black Bear Award "for dedication and loyalty to the highest traditions of the University of Maine." The award was presented at the joint meeting of the College of Engineering Industrial Advisory Boards.



We lost two UMaine alums this year who were pioneers of industry and long time UMP PF supporters. Roy Barry (far left), '60, worked at Sappi's Westbrook, Somerset and Muskegon locations before becoming President & CEO of Madison Paper Industries in 1995. Roy also served as UMP PF Vice President, President and Chair. Bob Fuehrer (right), '57, '58, '59G, founded EHV Weidmann and was President until he retired in 1996. Bob was instrumental in connecting the foundation with students at St. Johnsbury Academy in VT and was also a member of the UMP PF Board of Directors for many years. These gentlemen will be missed!

RETURN SERVICE REQUESTED

AIChE National Conference 2019



UMaine Chemical Engineering Students attend the annual AIChE Student Conference in Orlando, FL from November 8-11.