

**STUDENTS, UNIVERSITY,
INDUSTRY, + DONORS**

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SPRING 2021

The Dandy Scroll



PAPER DAYS:

SUSTAINABILITY, PRESERVING TALENT + RESOURCES

A long-time UMPPF tradition goes virtual in 2021

The Pulp and Paper Foundation's 2021 Paper Days event was held on April 6-7 and welcomed guests virtually to reconnect, enjoy a variety of speakers and panel discussions, and help celebrate the Foundation's 71st anniversary.

UMPPF staff and students, as well as pulp and paper industry leaders and colleagues were in attendance to participate in this year's theme of "Sustainability, Preserving Talent and Resources."

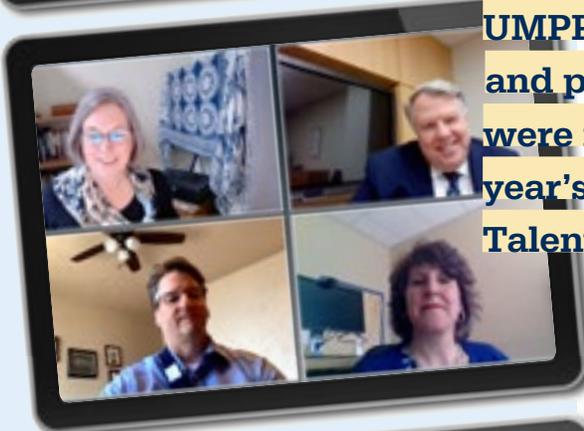
A panel discussion on sustainability and the paper industry moderated by Barbara Hamilton, UMPPF Executive Committee Vice President and Director of Business Development at Siemens Energy, kicked off our event. Panelists included Beth Cormier, Vice President of R&D and Sustainability at Sappi; Dave Sirois, Director of Marketing, Global Board and Packaging at Nalco Water; Stewart Van Horn, Vice President of Operational Excellence and Sustainability at J.D. Irving Limited.

Dave Sirois, Director of Marketing, Global Board and Packaging at Nalco Water, started the discussion on "Advancing Sustainability in Paper Production" looking at industry trends and Ecolab's approach to sustainability. Ecolab models sustainability in the industry through its practices of reducing water and energy use. They also provide customers with technology and resources to become more sustainable.

Beth Cormier, Vice President of R&D and Sustainability at Sappi shared Sappi's sustainability efforts to unlock the full potential of trees and contributing to the circular economy. These efforts include their Symbio and Valida product lines which contain cellulose as replacements for single use plastics, natural composites and nanomaterials.

Stewart Van Horn, Vice President of Operational Excellence and Sustainability at J.D. Irving Limited wrapped up the presentation by sharing Irving's commitment to sustainable forestry and responsible fiber sourcing from seed to shelf. Irving has planted one billion trees since 1957 and their vertical integration and leadership have resulted in 100% sustainability certified forests and 58 million tons of net carbon storage.

The panel concluded with a lively Q&A session and many compliments from those who viewed the presentation.



Participants were later treated to a **student panel from University of Maine's TREE (Tappi Research Expedition Europe)** organization about their 2019 trip through Germany and Austria touring an array of manufacturers involved in the pulp and paper industry.

The students discussed how, over a twelve-day period, the group saw ten different sites, including equipment manufacturers, pulp and paper mills and chemical plants. Andritz, an Austrian-based technology and global market leader in the pulp and paper industry, graciously hosted the group and invited them to tour two of their equipment manufacturing sites in Graz, Austria, and Regensburg, Germany.

Listeners were delighted to hear how the extraordinary trip allowed students to see cutting-edge technology and research happening in the pulp and paper industry. The students described how they learned first-hand about the expansion of the industry around the world, and reflected on how it cemented the idea of a career in the industry as an exciting, viable and fulfilling option.

Later, Joe Clark, Global Sales Manager at Forest2Market, Inc., led a **presentation and discussion on "Forest Industry Trends Driving the Global and Northeast Markets"**. He examined the state of the industry through macro trends and the impact of COVID-19 on different market segments.

Joe explained how pressure to move the world's economy from linear to circular has created tremendous opportunities for pulp and paper to replace single use plastic products. For example, the use of kraft paper bags has increased 20% since the first quarter of 2019. There are also many new opportunities for bioenergy, biofuels and biochemicals.

All markets were negatively impacted by COVID-19 (with the exception of tissue) but are projected to make a recovery in 2021.

The discussion concluded with several positive trends found right here in Maine. A sampling of these include the investment by ND Paper in the Rumford and Old Town mills, and work done by the FOR/Maine organization on resource availability, emerging products and supply chain costs to help Maine strategically adapt and move the industry forward.

New this year was a **spin on our traditional social hour event**. Instead of meeting in person as we had done in the past, students had the opportunity to join 14 different Zoom breakout rooms hosted by member companies, allowing them a chance to build their network by interacting with industry professionals virtually, as well as giving alumni and friends the opportunity to reunite and reconnect.

In addition to the live and prerecorded presentations, Q&A sessions and discussions, Paper Days concluded with our **annual meeting**, the introduction of new corporate members, the presentation of awards, and by honoring those who have given to the Foundation throughout the year.

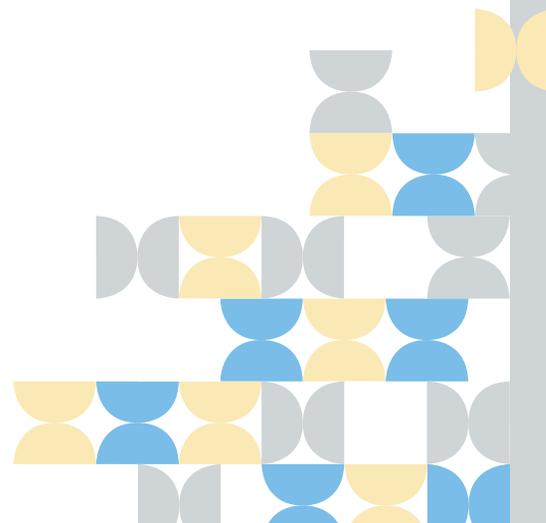
Thank you to our Paper Days Social Hour Hosts!

We had **14 companies** volunteer to host a Zoom breakout room and meet with students during our social hour time slots on Tuesday April 6, following the Board meeting. We pre-assigned students to different rooms so there were approximately 4-8 people in each room to allow for conversations and connections. We had about **100 students** and **35 industry folks** participate.

OUR COMPANY HOSTS:

● = UM grad
● = UMPPF grad

Keith Meyer, Andritz ●
Mike Doss, Graphic Pkg
Joanna Goodstein, Graphic Pkg
Katherine Bell, Huhtamaki ● ●
Annette Smith-Wright, Irving ● ●
Jason Turner, JTCS Consulting
Scott Frasca, Mini Fibers
Linda Jurdak, Nalco ● ●
Brian Lambert, Nalco ● ●
Janet Koski, ND Paper
Justin Chartier, PCA ● ●
Dana Cook, PCA ● ●
Elaina Gilman, PCA ● ●
Joe Lancaster, PCA ● ●
Barb Robinson, PCA
Emma Wilkinson, PCA ● ●
Maddy Logan, Pixelle ● ●
Alexis Merinsky, Pixelle ●
Jess Paul, Sappi ● ●
Dale Wibberly, Sappi ●
Addie Nadeau, Savage Services ● ●
Barb Hamilton, Siemens Energy ● ●
Judy Dionne, Twin Rivers
Jacob Gendreau, Twin Rivers ● ●
Mark Guerrette, Twin Rivers ●
Morgan Hill, Twin Rivers ●
Aaron Soucy, Twin Rivers ● ●
Kyle Tardif, Twin Rivers ● ●
Danielle Thibodeau, Twin Rivers ●



UMPPF
2020
SCHOLARSHIP
AWARDS

UMPPF RECOGNIZES CATHERINE EMERY + RICK REARDON WITH the 2020 Teacher of the Year Award

UMPPF recognizes two teachers annually with **Teacher of the Year** awards for their excellence in **inspiring and challenging their students**. Each year, nominees are solicited from current scholarship recipients as a one-page narrative stating how they appreciate the support and educational processes demonstrated by their nominated teacher and why they think their teacher should receive the award. **The Teacher of the Year award is evidence of the high esteem** in which the teachers are held by this Foundation, and by former students who have been motivated and succeeded in their studies as a result of their teachers' devotion.



CATHERINE EMERY

Emma Smith, a senior chemical engineering student, presented her nominee **Catherine Emery of Gorham High School** as the first award recipient. Ms. Emery was

Emma's calculus teacher during her years at Gorham High School and is credited with fostering Emma's love of math by teaching her that it's fun, interesting, and applicable to many aspects of the world.

"Ms. Emery is much more than just a fun-loving teacher," says Emma. "She is a kind and compassionate person who is truly concerned with the quality of people's learning and their lives. She was always there to offer advice about college, friendships, and anything else we could think to ask her. She is very good at breaking down the barrier between teacher and student."

RICK REARDON

The second award recipient was **Rick Reardon of EMCC**, who was nominated by Peter Boardman, a recently graduated electrical engineering technology major. Mr. Reardon was a mentor and teacher to Peter before and during his time at EMCC and encouraged him to enroll in the Electrical and Automation Technology program.

"Two years after first meeting Rick, I graduated with high honors and was awarded the Excellence in Technology Award from his department. I will never forget that feeling of accomplishment," says Peter. "His program was the most difficult, demanding, and ultimately most rewarding endeavor I have seen through to date. With his encouragement, I was convinced that I wasn't yet finished learning and improving myself. I applied for scholarships—most notable the UMPPF Scholarship—and Rick was right there ready to recommend me."



2021 Genco Award

PRESENTED TO **DR. TOM SCHWARTZ**

The Joseph M. Genco Award was created by the UMaine Pulp and Paper Foundation to recognize a university employee who has demonstrated exemplary support of the pulp and paper industry through either outstanding research that has the potential to significantly improve the industry and/or through innovative student recruitment to help provide the next generation of engineers to our industry.

This year's Genco Award winner is UMaine **Associate Professor Dr. Tom Schwartz**. Dr. Schwartz returned to UMaine after earning a Bachelor of Science in both Chemical and Biological Engineering from UMaine in 2010, and his Ph.D. in Chemical Engineering from the University of Wisconsin–Madison in 2015.

Since his return, Dr. Schwartz has completed visits to many mills in Maine and South Carolina to learn about issues facing our industry and how researchers like those in his lab can become patrons of support. He has also given seminars at Omya in Switzerland and at WestRock's research center.

He has assumed advisory responsibilities for the TAPPI/ PIMA Student Chapter and has been actively involved with the planning and programming committees for the annual student summits as well as traveled with the students to those events. He accompanied the TAPPI students to Sweden in 2017 and to Austria and Germany in 2019 for their semi-annual TREE trip.



On campus, he is pursuing research in pulping yield improvements, dissolving pulp production, Kraft pulping conditions, conversion of cellulose-derived sugars to higher-value chemicals, and a number of other biobased products. In the teaching realm, he is preparing to teach the Pulping and Biorefining course.

For all of these reasons, we find him deserving of the Joseph M. Genco Award. This honor comes with a crystal award and a \$1000 stipend which is well deserved. Join us in congratulating Dr. Tom Schwartz.

UMPPF Honor Awards

PRESENTED TO **MARK GARDNER + MARCO L'ITALIEN**



MARK GARDNER

After an illustrious 38-year career with Sappi, **Mark Gardner** retired at the end of September 2019. He leaves behind a rich legacy of progress and success having served in many leadership roles both in Sappi and in industry bodies.

In 2007, Mr. Gardner was named President and CEO of Sappi North America and was responsible for leading all of Sappi operations in the region. A Sappi employee since 1981, he worked in a variety of production management roles, including Managing Director at the Muskegon Mill and Director of Engineering and Manufacturing Technology before serving as the Vice President of Supply Chain and then Vice President of Manufacturing.

In September 2012, Mr. Gardner was appointed to the Board of Trustees for the University of Maine System and was the Chairman of the American Forestry and Paper Association. He has a Bachelor of Science in Industrial Technology from the University of Southern Maine. He and his wife, Judi, established a scholarship fund at the UMaine Pulp and Paper Foundation in 2016.

“Having seen firsthand the many opportunities that come from the quality education that one can obtain from the University of Maine and the Maine System, it is our pleasure to establish this scholarship in support of others who will continue to make significant contributions to the pulp and paper industry here in Maine and abroad,” said Mr. Gardner. “The University of Maine Pulp and Paper Foundation is special and known around the world for preparing some of the best engineers in the industry.”

The Honor Award is presented to a distinguished leader of the University of Maine Pulp and Paper Foundation and of the paper industry who has been dedicated to strengthening the reputation of the University of Maine as a source of meeting the workforce needs of the pulp and paper industry and in preparing the next great leaders in our field.

This year we are pleased to honor two award recipients. Both are known to champion the need for attracting capable students to the paper industry through career orientation programs offered to high school students and for scholarship support of university engineering students who have the capacity to become our industry's leaders. Their enthusiasm for and contributions to the University of Maine Pulp and Paper Foundation have been manifested in many significant ways for the betterment of students and the University of Maine. This Honor Award is presented as a token of our deep appreciation and to recognize the recipients' many valued contributions in enhancing the University of Maine's reputation for excellence throughout the paper and related industries.

MARCO L'ITALIEN

Marco L'Italien is Vice President of East Coast Operations with IGIC and is based in the Woodland Pulp and St Croix Tissue mill in Baileyville, Maine.

As a Pulp and Paper scholarship recipient, Mr. L'Italien graduated from UMaine in 1986 with a degree in chemical engineering. He worked for International Paper for three years and then began his 25-year career at Lincoln Paper and Tissue. There he held positions of increasing management responsibility leading up to Vice President of Operations. He moved to IGIC in 2015 and has led that mill through its conversion to Tissue Operations.

Mr. L'Italien has always been a supporter of the UMaine Pulp and Paper Foundation. He served on our Scholarship Committee for more than 20 years. Following that, he became a member of the Executive Committee in 2012, Chair of the Executive Committee in 2017, and Chair of the Board in 2019.

We are proud to present the 2020 Honor Award to Mark Gardner and the 2021 Honor Award to Marco L'Italien.

INTRODUCTION OF THE

Mark W. Kowlzan Leadership Award

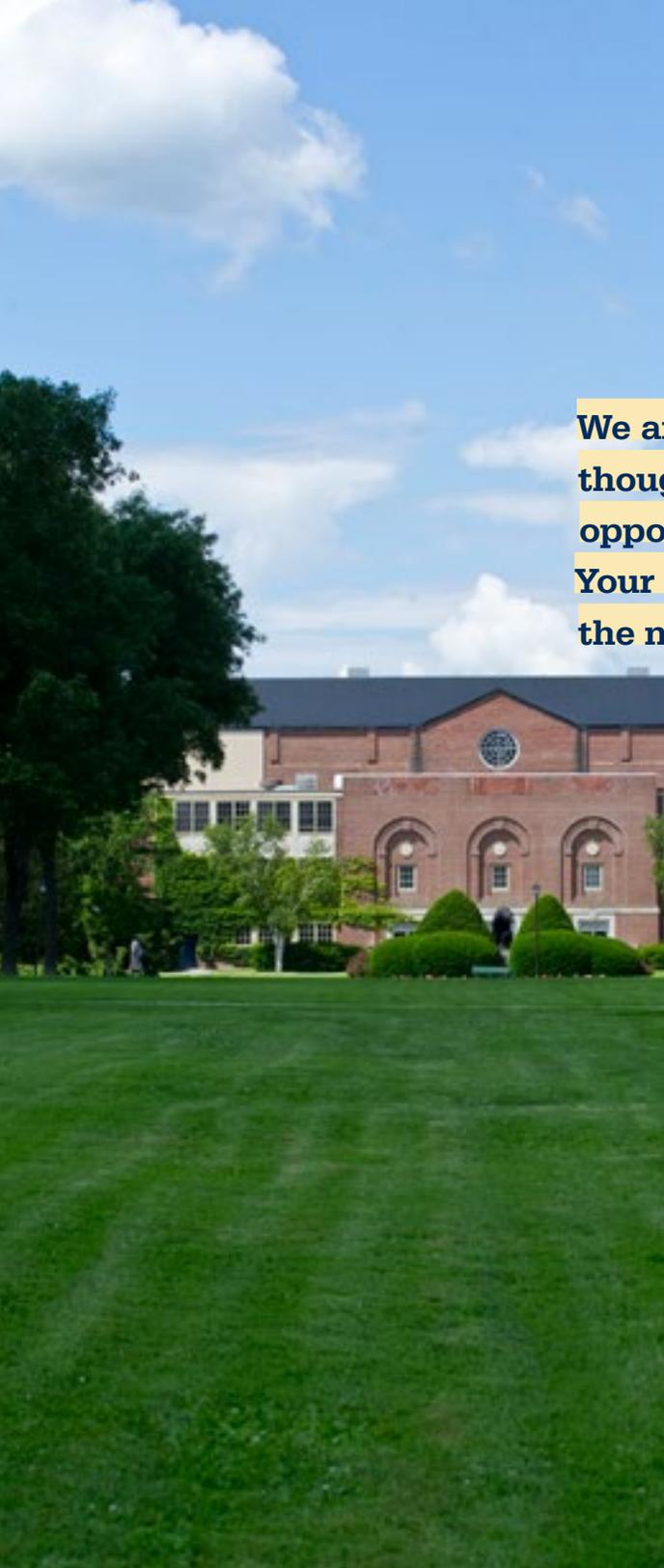
UMPPF is pleased to announce the **inaugural Mark W. Kowlzan Leadership Award**. This award was presented to the namesake **Mark W. Kowlzan**, Chair and CEO of PCA. Since 2015, PCA has donated over \$1.6 million dollars to the Pulp and Paper Foundation, more than any other company has given cumulatively since 1984 when electronic records began.

Mark serves on the UMPPF Executive Committee, has been the keynote speaker at Paper Days, and has been a continued supporter of the Foundation. Every year, Mark visits campus to speak with students in an effort to get them excited about engineering and to realize their potential in the industry. His enthusiasm for the industry and commitment to UMPPF students and their current and future success is the impetus for the creation of the award.

The award was presented by Mechanical Engineering Major and UMPPF scholarship recipient **Meagan Dube** who interned at PCA in Filer City, Michigan, this past summer. Not only did she present the award, but Meagan also designed and produced it with the help of her instructor!

Congratulations, Mark! Well done, Meagan.





New USA Scholars Funds Announced

We are extremely grateful for the thoughtful generosity that establishes opportunities to support UMPPF scholars. Your donations help us to train and guide the next great leaders in our industry.

The Davidson Family Scholarship was established in memory of Ellen Cole Davidson and William E. A. Davidson, Sr., by Gale and Richard Davidson. Richard Davidson graduated from the University of Maine in 1964 with a Bachelor of Science and Master of Science in Chemical Engineering. He spent his career working at S. D. Warren (now Sappi North America) in Westbrook, Maine.

The Gardner Family Scholarship was established by Mark and Judi Gardner in 2016 when Mark was President and CEO of Sappi North America. A Sappi employee since 1981, Mark was appointed to the Board of Trustees for the University of Maine System in 2012. He was also the Chairman of the American Forestry and Paper Association.

The Fred & Phyllis Herbolzheimer Scholarship honors Fred Herbolzheimer, Jr., and his wife, Phyllis D. Herbolzheimer who both graduated from the University of Maine in 1943. Mr. Herbolzheimer returned to the University to

earn a master's degree in chemical engineering in 1948 following military service. He held several technical and production positions with Scott Paper Company in New York, Pennsylvania, and Wisconsin. He then worked for Thilmany Pulp and Paper Company in areas of increasing responsibility, eventually serving as the company's president from 1971 until his retirement in 1986. In addition, he was named a corporate vice president of Hammermill Paper Company (Thilmany's parent company) in 1973 and was appointed a Senior Vice President of Hammermill in 1984.

The Hickey Family Scholarship was established by Tom and Chris Hickey. Tom graduated from UMaine in 1973 with a degree in mechanical engineering and a 5th Year Certificate in Pulp and Paper Technology. Tom worked for Sonoco and Fort James before retiring as Director of Supply Chain Optimization with Weyerhaeuser.

The Harold Holden I Scholarship was given by the D.S. and R.H. Gottesman Foundation in honor of Harold Holden. For many years he was an executive and president of the Gilman Paper Company and a leader in the Pulp and Paper Foundation activities, serving as chairman of key committees.

The Robert M. Hume Scholarship was established by his two grandsons, Robert and John, in 1985. Mr. Hume joined Great Northern as a chemist in 1914. Assuming positions of greater responsibility, he was General Superintendent of the Millinocket mill for 28 years until his retirement in 1952.

The Curtis M. Hutchins Scholarship Fund was established by friends and family in honor of Curtis. He was President of St. Croix Paper Company in Woodland, Maine, and later was director of Scott Paper Company. Through his company, the Dead River Company, with headquarters in Bangor, he was active in the area of forest-land management.

William S. Lucey, who at the time was President of Beloit Canada, Ltd., and his wife, Jeannine, established the **Ellen Shaw Lucey Scholarship Fund** in memory of Mr. Lucey's mother who was an elementary school teacher in Portland, Maine, for many years.

Mr. Richard M. Ludwig, on behalf of his family, established the **Edward I. and Florence M. Ludwig Scholarship** in memory of his parents. Mr. Richard M. Ludwig is a 1952 alumnus with a degree in pulp and paper technology. He worked for Rust Engineering and then joined Hammermill Paper Company assuming positions of increasing responsibility. Mr. Ludwig retired as vice president of engineering for International Paper.

The Luke Family Scholarship was established in 1993 by John and Joy Luke. Their son Bill and his wife Cindy increased the value of the fund to USA Scholars Level. After John retired as CEO of Westvaco in 1992, he continued as

a member of the Company's Board of Directors until 1995. He is the recipient of many awards including the Pulp and Paper Foundation's 1987 Honor Award for his service as Membership Committee Chairman, Vice President, President and Chairman of the University of Maine Pulp and Paper Foundation.

The John C. McClure Scholarship was established by his wife, Althea. John was a member of the first class to receive a Pulp and Paper Foundation scholarship. He joined Westvaco Corporation in 1955 and retired as Manager of the Bag Division in 1982 after 27 years of service.

The Winship B. "Chip" Moody, Sr. Scholarship was presented to him as a surprise in honor of his 80th birthday. Chip was a scholarship recipient from the Class of 1955. Chip's career was spent with Rice Barton where he worked through the ranks. At the time of his retirement, he was Chairman/President and CEO.

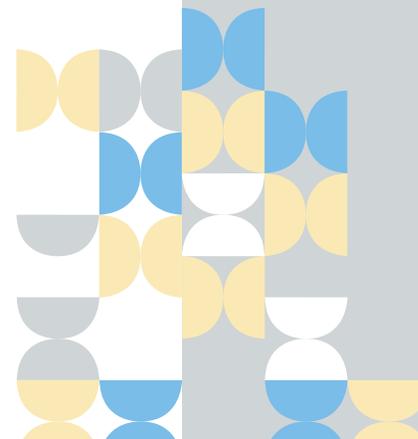
The Ina and Earland Sleight Endowment Fund was established by them to help students interested in pulp and paper. Earland spent his entire career at Penobscot Chemical Fibre Company in Old Town, Maine, retiring in 1987 after 14 years as Mill Manager.

ALUMNI GIFT ANNOUNCEMENTS

We were very fortunate to benefit from the thoughtfulness of two alumni who included the Pulp and Paper Foundation in their estate plans.

Ralph A. Wilkins established a trust which totaled over \$280,000. Ralph was a charter member of the Foundation and Treasurer for 16 years. A graduate of the Class of 1919, he was in the pulp and paper industry throughout his entire business life. He retired as chairman of Bird & Son, manufacturers of roofing material and papermaking equipment located in Walpole, MA.

Nancy Harris and **Edward J. Bickterman** also gifted \$280,000 from their estate. Edward J. Bickterman graduated from the University of Maine in 1955 with a Bachelor of Science degree in Mechanical Engineering and in 1956 with a certificate in Pulp and Paper Technology. He retired in 1988 as Senior Education Administrator for IBM.



Endowed Scholarships Introduced

The Lyons Family Scholarship was established by Jason and Christine (Gray) Lyons, both chemical engineering alumni and UMPPF Scholarship Recipients. Jason and Christine are very pleased to be able to give back to the Foundation and its talented students through establishment of this scholarship fund. They remain devoted to the success of the pulp and paper industry.

The Charles F. Michaud '63 Scholarship was established by Chubb Michaud, a chemical engineering and Pulp and Paper Certificate graduate of UMaine. He was honored in 2015 as an Outstanding Alumni of the University of Maine. Chubb worked for Rohm and Hass for 18 years and then became CEO-Owner and Technical Director of Systematix Company in Buena Park, CA. Chubb holds four U.S. patents on ion exchange water treatment technologies and wastewater discharge volume minimization.

The Roberts Family Scholarship was established by Bill Roberts, who graduated from UMaine in 1968 with a degree in chemical engineering, earned his certificate in Pulp and Paper Management, and earned a Master's in Systems Engineering in 1975. In addition to his military service in the U.S. Navy, Bill worked for MeadWestvaco, Kimberley-Clark, and ABB.

The Thomas E. Keith Scholarship was established by Solenis in 2019. Mark Wescott of Solenis announced the scholarship during Paper Days in April 2021. A New Jersey native, Thomas "Tommy" Keith graduated from Massabesic High School and then UMaine in 1990 with a degree in mechanical engineering. He was a respected colleague and friend at Hercules, which later became Solenis. Although Tom was taken from us much too young, his lifelong dedication to the state of Maine and to the pulp and paper industry has left an indelible mark on us all.

The Dr. William H. Ceckler Scholarship Fund was established in his honor in 2020 by the chemical engineering graduation class of 1972. Dr. Ceckler taught engineering courses at UMaine for many years and retired in 1992. He and his wife Mary live in Orono and Hancock, ME and have attended UMPPF events in Jenness Hall in recent years. Dr. Ceckler was on hand at Paper Days 2021 to graciously accept a plaque in his honor.

Alan and Jane Stinchfield presented a new scholarship to the University of Maine Pulp and Paper Foundation in the name of **John Clark Stinchfield**, Alan's father. John graduated from the University of Maine in 1936 with a degree in chemistry and then moved to Westbrook to work for S.D. Warren Company (now SAPPI) in their research laboratory. He worked his entire career with S.D. Warren focused on coating research which is the mainstay of the Westbrook mill's business. John's son Alan graduated from UMaine in 1966 with a Bachelor of Science in Chemical Engineering and was a Pulp and Paper scholarship recipient. Alan worked for both Fort James and Georgia-Pacific Corporations. Alan and Jane are proud to establish this scholarship in the hope that it may encourage future students to pursue groundbreaking research to move the pulp and paper industry forward into the future.

Alumni News + Announcements

Mike Laverdiere, '93 CHE, has been promoted to Executive Vice President and Chief Operating Officer at ND Paper

Danielle Thibodeau, '05 CHE, '07 MBA, has been promoted to Paper Manufacturing Manager for Twin Rivers Paper Company's Madawaska operations.

Jonathon Pelletier, '12 MET, has been promoted to Superintendent PM8 at Twin Rivers Paper Company

Sage Duguay, '17 CHE, is now a Business Intelligence Consultant at Fisher International, Inc.

Matthew Haws, '17 CHE, is now Chemical Engineer – EIT at Stantec

Sean Murphy, '17 MEE, has been promoted to PM1 / F&S / C&A Mechanical Maintenance Supervisor at Sappi

Cameron Grzybowski, '18 CHE, has been promoted to Asst. Superintendent at PCA's DeRidder Mill

Joe Lancaster, '18 CHE, has been promoted to F3 Superintendent at PCA's Filer City Containerboard Mill

Lucas Preble, '18 CHE, is now Sr. Process Engineer at ND Paper

Emma Wilkinson, '18 CHE, has been promoted to Pulp and Woodyard Superintendent at PCA's Filer City Containerboard Mill

Jay Burkard, '19 CHE, has been promoted to Sr. Process Control Engineer – MCS Specialist at WestRock Company

Ethan Dapice, '19 CHE, has been promoted to Shift Supervisor at PCA's Filer City Containerboard Mill

Jason Goulet, '19 CHE, has been promoted to Shift Supervisor at PCA's Filer City Containerboard Mill

Jacob Gross, '19 CHE, is now Mechanical Engineer – EIT at Stantec

Alexis Merinksy, '19 CHE, has been promoted to Development Engineer at Pixelle Specialty Solutions

Matthew Noel, '19 CHE, joined Sappi North America's Westbrook mill as Operations Shift Supervisor

Zach Theriault, '19 CHE, has been promoted to Secondary Fiber Supervisor at Packaging Corporation of America's Filer City Containerboard Mill

WELCOME, NEW COMPANY MEMBERS

We're pleased to welcome four businesses as new company members of the University of Maine Pulp and Paper Foundation.

Corporate memberships support activities such as student recruitment, student travel to regional and national student summits, and tutoring help for our scholarship recipients. The Foundation would like to recognize four new Corporate Members:

- **Casco Systems, a Division of ECI**
- **Pixelle Specialty Solutions**
- **Plasmine Technology Inc.**
- **Enterprise Engineering Inc.**

We love staying in touch with our UMPPF alumni.

Have you started a new position? Received a promotion? Celebrated a life milestone? Send your announcements our way and we'll share your good news with the rest of the UMPPF family. info@UMainePPF.org

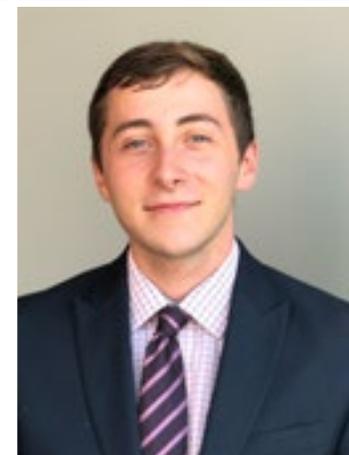
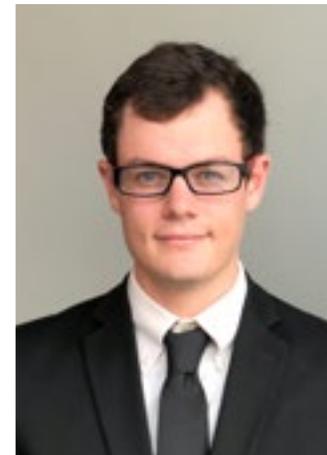
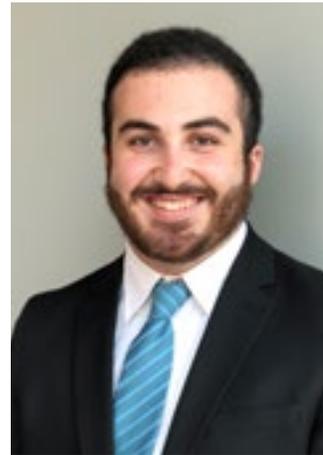




Congratulations to the Class of 2021!

As sad as we are to see you go, we are even more proud of all the accomplishments you have made and are yet to make. Your futures as the next great leaders in the pulp and paper industry are bright and we look forward to following along on your journeys. You'll always be a part of the UMPPF family.

Jad Al-Assaad, Process Control Engineer at New England Controls; Andrew Arsenault, EET, Project Engineer at Fitch Company; Cooper Bennett, CHE, Process Engineer at Essity; Matthew Boucher, Process Engineer at ND Paper Rumford; Hunter Curtis, CHE, Process Engineer at Woodland Pulp; Grace Farrington, CHE, Process Engineer at Sappi; Jeffrey Garfield, ELE, Electrical Engineer at RLC Engineering; Austin Gilboe, CHE, Process Engineer at Sappi; Timothy Glatter, CHE, Process Engineer at Twin Rivers; John Gresh, MEE, Mechanical Engineer at Packaging Corporation of America; John (TJ) Hinkle, Engineer at Confluence; Andrew Kirk, MEE, Mechanical Engineer at PCA Counce; Katherine Lopes, CHE, Process Engineer at Onyx; Zachary Nash, MEE, Mechanical Engineer at Sappi; Annalyse Nichols, ELE, Electrical Engineer at ISO New England; Alex Paradis, MEE, Support Engineer with Solenis in Madawaska; Cameron Peavey, CHE, Process Engineer at Pixelle in Spring Grove, PA; Miles Pelletier, ELE, Electrical Engineer at Johnson Outdoors; John Saucier, FOR, Operations Forester at LandVest; Emma Smith, CHE, Process Engineer with IGIC; Nathan St. Jean, BLE, Process Engineer at Pixelle in Spring Grove, PA; Spenser Steeves, CHE, Manufacturing/Physical Distribution Process Engineer at Procter & Gamble; Makao Thompson, MEE, Manufacturing/Physical Distribution Process Engineer at Procter & Gamble





INDUSTRY PROFESSIONAL QUESTIONNAIRE



NAME:

Heather DuBois

JOB TITLE:

Vice President & General
Manager, Global High Tech

EMPLOYER:

Nalco Water, An Ecolab Co.

 **Read the full interview with
Heather at UMainePPF.org/blog**

Heather Dubois is a proud UMaine alumna, UMPPF scholarship recipient, and now a UMPPF Board Member! After working several years in the pulp and paper industry in application engineering, sales, and marketing, she is now Vice President & General Manager of Global High Tech at Nalco Water, an Ecolab Company.

Q: How long have you been in the pulp and paper industry?

A: Once in the pulp and paper industry, it never leaves you. Though I am not actively “in it” every day anymore, my company certainly is, and I am fortunate to be able to frequently interact with many individuals from across the industry. I graduated in 1996 and worked in the industry in a number of different roles at Nalco Water including Application Engineering, Sales, and Marketing.

How long have you been involved with UMPPF?

I started as a High School Junior (loved the program!) and was actively involved with UMPPF throughout my time at the University and have stayed involved over the years. I couldn't have been happier to become a board member this year and look forward to giving back to the organization that has given me so much.

What made you decide to join the board?

I would like to give back to the organization that has given me such a strong foundation for success and contribute to the lives of students, helping to introduce them to challenging and rewarding careers in engineering.

I was very fortunate to have industry leaders to look up to as a student at UMaine. They inspired me and helped me see the many options that were out there thanks to my UMaine education. I want to do the same for the students of today.

What do you think are common misconceptions about the industry that need to be debunked?

I think that a lot of work is already being done to debunk the misconceptions, specifically around papermaking not being sustainable and the paper industry not doing their part for sustainability initiatives. The efforts to dispel these misconceptions are wonderful!

As we look at water specifically, over the last decade the pulp and paper industry has made significant strides in embracing water stewardship. This was prompted by rising global water scarcity concerns and greater

recognition among companies of the risks they face related to water. As a water-intensive industry, pulp and paper operations are inextricably linked to water in many ways and in an era of greater water awareness, the way in which big water users approach their water management and address their water-related risks carries more significance than ever before.

It is exciting to see the strides being made across the industry, but I know there are still misconceptions out there about the good work being done.

What does the future of the industry look like?

The future of the industry is extremely bright! The rise in eCommerce rates continues to help drive (paper) board production. Additionally, the movement to more sustainable food packaging has created a great opportunity for fiber-based food packages. Meanwhile, tissue and towel continue to grow, especially outside of North America where the increasing middle class has driven demand.

The industry is going through a substantial transformation and it continues to morph and develop. It is exciting to see new application and uses for wood being developed as well as the opportunity for innovation to continue to enhance productivity, reduce waste, and help keep mills safe.

What are some new practices or trends within the industry that more people should know about?

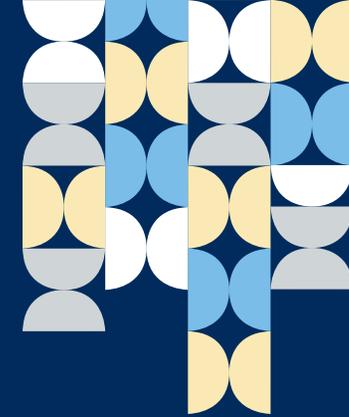
The movement to fiber-based packaging for food is a growing trend. Due to its ability to breakdown easily, fiber is seen as a potential replacement for plastic-based packaging. In addition, the rise in eCommerce has created an opportunity to drive new innovations within the board and package space.

From programs designed to give boxes strength without increasing weight, to on-demand box creation to “right size” boxes, the drive of eCommerce will continue to evolve in the board and package market.

Do you have any advice for high school students who are interested in a STEM education and/or the pulp and paper industry?

Jump in! This is an exciting place to be and can provide you with incredible options throughout your career with a strong STEM foundation.

I would also highly recommend participating in the Consider Engineering summer program. This is a challenging and rewarding way to see what life is like as an engineering student and to get a taste of the type of problem solving skills that you will learn at UMaine.



Did we mention
we're now on
Instagram?

@UMPPF

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Connections, inspiration and **support**. Find out what staff, students, and our pulp and paper associates are up to by following our exciting journey on Facebook and now on Instagram!

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Specialty paper products ready to ship (top left). The class of 2021 sends congratulatory notes (top right). Paper Days goes virtual with the theme of "Sustainability, Preserving Talent and Resources" (bottom).