



Scholarship Program Basic Elements

A big part of what we do as a Fraternity is mentoring and offering support to college students. We now award Six \$1000 scholarships (up from Four in 2018) each year, to 6 of the 10 schools listed below, each year. Scholarships are funded from member dues, individual donations, and occasional corporate donations – encourage your employers!

Roger Smith, Scholarship Committee Chairman, supported by volunteers Paul O’Bernier, Gary Neyer, and Troy Wilson

We presently support 10 P&P schools; they are:

- 1) Auburn University
- 2) University of Washington
- 3) Western Michigan University
- 4) Miami University of Ohio
- 5) Georgia Institute of Technology – added in 2019
- 6) University of Minnesota – added in 2019
- 7) North Carolina State University
- 8) University of Maine
- 9) University of Wisconsin – Stevens Point
- 10) State University of New York – College of Environmental Sciences and Forestry



Six Scholarships Granted in 2020

- \$1000 CPU/Ken Brown Memorial Scholarship – recipient – Miss Ashley Turner – Auburn University
- \$1000 CPU/Hilton Kitchens Memorial Scholarship – recipient – Miss Jackie Kobal – University of Washington
- \$1000 CPU/L.J. “Junior” West Family Scholarship – recipient – Mr. Hao Nguyen – Georgia Institute of Technology
- \$1000 CPU/Sandy Nyman Memorial Spousal Support Scholarship – recipient - Miss Lauren Cuddeback – Western Michigan University
- Two \$1000 CPU At Large scholarships funded by the membership – recipients, Miss Lauren Stach – University of Minnesota and Mr. Austin Bayus – Miami University (Ohio)



Photo of Ashley Turner



**ALABAMA CENTER FOR
PAPER & BIORESOURCE
ENGINEERING**

The Couch Pit University



2020 CPU/Ken Brown Memorial Scholarship Recipient – Miss Ashley Turner – Auburn University - School Recommendation Statement



**ALABAMA CENTER FOR
PAPER & BIORESOURCE
ENGINEERING**

To:
Mr. W. Roger Smith
Quality Manager
Domtar
Ashdown, AR

March 24, 2020

Subject: Nomination of Miss Ashley Turner for the Couch Pit University – Ken Brown Memorial Scholarship

Dear Roger,

I am writing to nominate Miss Ashley Turner for the Couch Pit University – Ken Brown Memorial Scholarship. Ashley is currently a junior in Chemical Engineering with a specialization in Pulp, Paper and Bioresource Engineering at Auburn University with a GPA of 3.41.

Ashley has a high financial need. She has demonstrated a high interest in following an engineering career in the pulp and paper industry and has completed her intern with Graphic Packaging in Macon. She has also been a recipient of the Auburn Pulp and Paper Foundation Scholarship since 2018. For all these reasons, I feel Ashley will be an excellent candidate for the Ken Brown Memorial Scholarship and I hope you would consider her application.

Yours sincerely,

Zhihua Jiang, Ph.D.
Director, Alabama Center for Paper and Bioresource Engineering (AC-PABE)
Assistant Professor, Department of Chemical Engineering
356 Ross Hall
Auburn University, AL 36849-5127
Phone: 334-844-7829
Fax: 334-844-2063
Cell: 208-854-9215
Email: zhihuajiang@auburn.edu



Student's Letter from Ashley Turner

Ashley Turner
Auburn University
Chemical Engineering

137 Intracoastal Drive
Madison, AL 35758
(256) 683-2717
adt0028@auburn.edu

March 24, 2020

To Whom It May Concern,

My name is Ashley Turner and I am currently studying Chemical Engineering at Auburn University with a Pulp and Paper Specialization. I first became interested in the paper industry when I visited Auburn University in high school. The TAPPI student chapter piqued my interest among the various organizations within the department. Since joining myself and becoming involved with the Auburn Pulp and Paper Foundation I have had the opportunity to learn more about the industry through various events and including the 2019 TAPPI Student Summit in Kalamazoo, Michigan.

I was also able to intern with Graphic Packaging in Macon, Georgia in the Fiber Department over the past summer. This allowed me to gain experience working on projects and troubleshooting as well as a better understanding of the day-to-day duties of process engineers in a paper mill. It also confirmed my interest in the pulp and paper industry. The industry has already come a long way in efforts to protect the earth, however, I believe there is always room for growth. After my college graduation, I will strive to use my knowledge to continually aid in the improvements of products used by millions each and every day.

Receiving the Ken Brown Memorial Scholarship would help to alleviate the financial burden of tuition and fees. As a full-time student I rely on scholarships and work over the summer to pay for my expenses. I hope that you will consider me for this scholarship, and I look forward to your response.

Sincerely,

Ashley Turner



Resume of Ashley Turner

Ashley Turner

137 Intracoastal Dr. Madison, AL 35758 • (256) 683-2717 • adt0028@auburn.edu

Education	Auburn University • Bachelor of Chemical Engineering • Expected Graduation: May 2022 • Relevant Courses: Computer-Aided Chemical Engineering (Matlab), Fluid Dynamics, Principles of Chemical Engineering, and Thermodynamics • GPA: 3.41	August 2018-present
	University of Alabama in Huntsville • Dual-Enrollment in Calculus III • GPA: 4.00	August-December 2017
Experience	Graphic Packaging International (Macon, GA) <i>Fiber Department Intern</i> • Collected and analyzed pulp consistency samples • Worked with others to troubleshoot high conductivity • Shadowed engineers in their day-to-day operations	May-August 2019
	Discovery Life Sciences <i>Intern</i> • Worked within multiple departments • Conducted research about potential sites • Analyzed data from lab records • Utilized Salesforce software	(15 hrs/wk) September-November 2017
Achievements and Involvements	• Dean's List Fall 2018 • Spirit of Auburn Founders Scholarship • Pulp and Paper Annual Scholarship • KBR, Inc. Endowed Scholarship Organizations: American Institute of Chemical Engineers, Biomedical Engineering Society Design Team, Society of Women Engineers, and Technical Association of the Pulp and Paper Industry	
Skills	• Matlab and R Programming • Microsoft Excel • Attentive to detail • Self-motivated	

The Couch Pit University



Hilton L. Kitchens Scholarship



The Couch Pit University



Photo of Jackie Kobal





2020 CPU/HL Kitchens Memorial Scholarship Recipient – Jackie Kopal – School recommendation statement



President
Kristi Kobetich, Columbia Pulp
Executive Vice President
Craig Anneberg, NORPAC
Vice President
Adam Tonzi, Kemira
Executive Director
Michael Roberts

March 20, 2020

Roger Smith
Couch Pit University

Mr. Smith,

The Washington Pulp and Paper Foundation and the Bioresource Science and Engineering department is pleased to nominate Ms. Jackie Kopal as the recipient of the 2020 Couch Pit University Scholarship.

Ms. Kopal joined the BSE program with a sincere interest in how our sustainable bioresources could be utilized to manufacture a host of valuable products. She immediately volunteered in our pilot laboratory and subsequently took on responsibilities in a position assisting with laboratory operation. Her interest in the pulp and paper industry developed through conversations with students who had completed their internships and contact with the Foundation's members.

She is currently completing an extended mill internship and will return to full time student status in the Fall with anticipated graduation in June. She has taken an active role with our student TAPPI organization and will pass on her experience to our first and second year students. We count on Jackie to be a positive representative of our academic program, TAPPI, the UW and our industry.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Roberts".

Michael A. Roberts
Executive Director, Washington Pulp and Paper Foundation
(206) 543-7554 VOICE
(503) 327-9574 MOBILE
marob@uw.edu



Student's letter from Jackie Kobal

To the kind folks of CPU Fraternity,

I am writing this letter to thank you for awarding me this very generous scholarship. When I received the email notification last Wednesday, I gave Mike Roberts a call because I had to be sure it was real. When he told me that it was, and that I was specifically selected for the award, I thanked him profusely and couldn't stop smiling for the rest of the day.

Currently I am more than halfway through a 14-month long co-op with Cascades Tissue Group in St. Helens. When I return to UW in the fall, I'm looking at paying a full year's worth of tuition, plus housing and living expenses as I will be living off campus. I've calculated that the savings from my internship + savings I'd had from before, should be enough to cover most of my basic needs. To make room for my budget and account for error, I would also like to be working part time during the school year, as I have done for most of my time in college. But with the global events unfolding, a part time job may not be in my cards for a while.

For this reason, I'm extra grateful to be receiving this \$1000 scholarship. It ensures that I will have more resources available to secure my school and living expenses. I have just one more year to go before I graduate and join the workforce, most likely as an engineer in the pulp and paper industry. I feel that my time with Cascades thus far has been productive and valuable, and I can see myself doing similar work in the future.

Once again, I truly thank you for supporting my education!

Sincerely,

A handwritten signature in black ink that reads "Jackie Kobal". The signature is written in a cursive style.

Jackie Kobal



Resume

Jackie Kobal

kobaljac@uw.edu | 1-425-407-3079 | linkedin.com/in/j-kobal

Education

University of Washington | Seattle, WA | Graduating: Jun 2021

- BS in Bioresource Science and Engineering

Experience

Mechanical Engineering Intern | Cascades Tissue Group | Jul 2019 – Aug 2020

- Changed dilution line piping to better manage mill water and recover \$73,000/year in fiber savings
- Supported installation of new pressure control strategy to stabilize saveall operation and optimize whitewater processing
- Managed \$8000 energy savings project to audit and repair air leaks

Environmental Engineering Intern | International Paper | Jun 2018 – Sep 2018

- Ran daily lab tests to develop baseline for mill-wide fiber loss
- Performed a root cause analysis using operator knowledge and PARCview to determine source of fiber loss
- Supported employee training for new Safe Work Observation system

Lab Technician | UW Paper & Bioresource Science Center | Sep 2017 – Jun 2018

- Conducted physical property tests for papermachine trials
- Produced 10 reels of paper for client on pilot scale papermachine
- Housekeeping, glassware sorting, equipment maintenance

Sales Associate | Big 5 Sporting Goods | Aug 2015 - Feb 2018

- Worked in a 3~5 person team to meet customer needs
- Trained others in salesmanship and till operation
- Developed interpersonal skills with a diverse customer base

Skills

- TAPPI standards & procedures
- Microsoft Word, Powerpoint, Excel, Outlook
- PARCview
- WinGEMS modelling
- Fluent in Mandarin Chinese

Extracurricular

- Student TAPPI Treasurer (Sep 2018 – Jun 2019)
- Student Ambassador, College of the Environment (Jun 2018 – Jun 2019)



Photo of Hao Nguyen





2020 CPU/L. R. “Junior” West Memorial Scholarship Recipient – Hao Nguyen – School recommendation statement

April 19, 2019

Hello Roger,
We have selected a nominee for this wonderful award. Mr. Hao Nguyen is a unique individual who will be completing his pulp and paper certificate this term. I find him to be thoughtful and measured in his words, and an inspiration on the hardships of legal immigration to our country.

Throughout these past weeks of virtual learning since our campus closed to students on March 13, Hao has diligently continued his work without fail.

I respectfully submit his nomination and application for this scholarship.

Thank you and good luck with your retirement, Roger. Please come to campus sometime when things return to normal.

Best regards, and stay safe.

Chris

Chris Luetzgen, Ph.D.

Associate Director, Renewable Bioproducts Institute
Director, GT Pulp & Paper Foundation
Professor of the Practice, School of Chemical and Biomolecular Engineering

500 Tenth Street, NW
Atlanta, GA 30332 (please use 30318 for FedEx and UPS)
C: 770-231-7088



Student's letter from Hao Nguyen

TAPPI's Couch Pit University Scholarship Nomination

Dear Review Committee,

I am happy to nominate myself, Hao Nguyen, as a potential recipient of the TAPPI's Couch Pit University Scholarship. I am in my senior year of pursuing a bachelor's degree of Chemical Engineering at Georgia Institute of Technology. I first got introduced to the paper industry by taking the Pulp & Paper Manufacturing class with Dr. Luetggen in Fall 2019. The more I studied about paper and talked to people in the paper industry, the more I realized this is something I would want to do. With that in mind, supervised by Dr. Luetggen, I also choose to finish the professional Pulp & Paper Certificate, by taking the Emerging Technologies in Forest Bioproducts course, as well as doing an undergraduate research (sponsored by Loxim, LLC, a dye company) in Spring 2020.

I am not a traditional student who has the luxury of going to college worry-free; I came to the US as a legal immigrant with my family in July 2013 from Vietnam and started my education all over again in 2014 at a community college. Despite my four and a half years going to a prestigious medical school in Vietnam, none of my credit hours was accepted by any US institution. I constantly work part-time to support my education and my family; therefore, to be a full-time student at Georgia Tech with two-hour-commute every day is manageable, yet still difficult.

Despite all the hardships, I am passionate about creating amazing things and have worked hard to reach my goal. I am an energetic, enthusiastic, and dedicated individual. During the time doing the research for Loxim, I made some good progress that the company can refer to addressing potential applications of their products with the customers. If I receive this scholarship, it will help pay my tuition for the next semester at Georgia Tech and possibly aids in buying textbooks. Getting the scholarship is also a great honor and profound motivation for me to continue following this wonderful career path.

Sincerely,

Hao Nguyen

Resume of Hao Nguyen



Hao T. Nguyen

(U.S. Permanent Resident)

5395 Haverford Mill Cv, Lilburn, Georgia 30047 • (770)331-9631• hao.nguyen@gatech.edu

Dedicated and goal-oriented individual, seeking opportunities to further improve decision-making and coordination aptitudes honed from work experience and education. Knowledgeable of engineering design and analysis; with interest in process and control, production, research, technical sales, applications. Highly capable of completing varying and increasing levels of responsibilities while working within fast-paced environments without compromising the quality of results. Articulate communicator; bilingual in English and Vietnamese.

EDUCATION

- | | |
|--|---------------------|
| Doctor of Medicine - Pham Ngoc Thach University of Medicine, Ho Chi Minh City, Vietnam | Aug 2009 – Jan 2014 |
| o Completed 102 credit hours and 48 Weeks of Core Rotations toward Doctor of Medicine | |
| Associate of Science in Engineering - Georgia State University – Perimeter College, Dunwoody, GA | Aug 2014 – May 2017 |
| Bachelor of Science in Biological & Chemical Engineering - Georgia Institute of Technology, Atlanta, GA | Aug 2017 – Present |
| o In progress – May 2021 Graduation | |

EXPERIENCE

- | | |
|---|---------------------|
| Undergraduate Researcher - Georgia Institute of Technology – Renewable Bioproducts Institute, Atlanta, GA | Jan 2019 - Present |
| o Researching (under supervision of Dr. Luetgten – RBI, sponsored by Loxim Americas, LLC) on dyes, effect of dyes and fixatives, and settling time in order to create the perfect combination for achieving matching colors in paper manufacturing. | |
| o Studying the interaction in molecular level of paper dyeing process to prevent dye migration, and dye bleeding. | |
| Laboratory Assistant - Georgia State University – Department of Life and Earth Sciences, Dunwoody, GA | Feb 2015 - Aug 2016 |
| o Prepared materials exclusively for Biology Lab for 4 professors and over 300 students | |
| o Managed & maintained lab equipment and inventory | |
| Laboratory Assistant - Georgia Orthodontic Care, Lawrenceville, GA | Feb 2014 – Jan 2016 |
| o Created more than 500 orthodontic casts | |
| o Managed the database | |
| o Processed over 1000 photo records and dental tracings on x-ray images | |
| Food Server - Four Guys Seafood & Bar, Duluth, GA | Jan 2019 - Feb 2019 |
| o Provided exceptional service to guests with an emphasis on personalized experiences to an average of 400 guests per night. | |
| o Worked in hostile environment | |
| Powerlifting & Conditioning Coach – Atlanta, GA | Feb 2018 - Present |
| o Training professional and amateur athletes according to their personal goals. | |
| o Successfully trained one talented athlete to finish at 4 th place at VPA powerlifting competition in Summer 2019, Vietnam | |

CERTIFICATES

- o Pulp & Paper Certificate – in progress at Georgia Institute of Technology
- o Certificate of Merit – High Distinction - awarded for the Australian National Chemistry Quiz

LEADERSHIPS

- | | |
|---|--|
| 18th Annual Congress of the Asia-Pacific Blood and Marrow Transplantation Group , Ho Chi Minh City, Vietnam | Nov 1 st – 3 rd , 2013 |
| o Hosted the event, under sponsorship of Ho Chi Minh City Department of Health | |
| o Organized agenda and toured international hematologists to local hospitals | |
| Phi Theta Kappa – Alpha Zeta Mu Chapter - Georgia State University – Perimeter College, Dunwoody, GA | Jan 2015 – Jan 2016 |
| o Vice President | |
| o Expanded projects on improving the educational system in the State of Georgia | |
| Space Club - Georgia State University – Perimeter College, Dunwoody, GA | Jan 2015 – Jan 2016 |
| o President | |
| o Conducted weekly meeting, and promoted general knowledge about the outer space to fellow students | |

TECHNICAL ACUMENS

- o Microsoft Office Suite (Word, Excel, PowerPoint, and Outlook)
- o Aspen Plus
- o MATLAB
- o AutoCAD | Inventor



Photo of Lauren Cuddeback



2020 CPU/Sandy Nyman Papermaker's Spousal Support Scholarship Recipient – Lauren Cuddeback -





2020 CPU/Sandy Nyman Papermaker's Spousal Support Scholarship Recipient – Lauren Cuddeback - School recommendation statement



Paper
Technology
Foundation
Inc.

March 25, 2020

Mr. W. Roger Smith
Quality Manager
Domtar
Ashdown, AR

Dear Roger,

On behalf of Western Michigan University, the Paper Technology Foundation, and the paper engineering students I would like to thank the Couch Pit University and their members, Mr. Gary Nyman, and the selection committee for the 2020 Sandy Nyman Papermaker's Spousal Support scholarship for selecting a student from WMU to receive this award! Our students are fortunate to have the support of the pulp and paper industry and our industrial suppliers.

This year we are pleased to nominate Lauren Cuddeback, a Junior Paper Engineering major from Grand Blanc, MI. Lauren is a dedicated and hard working student at WMU who epitomizes the papermaking mantra of "hard work pays off"! She is one of our top female paper engineering students and achieves that success through teamwork, respect, and communication. Lauren understands the importance of servant leadership and collaboration as illustrated by her outstanding work at Verso Corporation Guinnessac during her industry co-op and in the many volunteer opportunities she has participated in. The magnitude of the projects she was involved in are impressive and listening to her talk of the success shows the level of her involvement and the passion she has for our great industry!

For the past two years I have interacted with Lauren both as an Officer in the Foundation and as the Foundation Managing Director. In all aspects she is professional, courteous, and pleasant to associate with. Her passion

for manufacturing and paper show in the questions she asks and the interest she shows during our conversations. Lauren continues to work part-time during the school year at the Foundation to fund her college experience and carries a respectable 3.28/4.0 GPA.

Attached is a cover letter, resume, and photograph of Lauren. If I can be of further assistance during the selection process please do not hesitate to reach out to me at any time. Thank you again for this opportunity to nominate one of our rising stars in the paper industry!

Best Regards,

A handwritten signature in blue ink that reads "Tim Hagenbuch".

Tim Hagenbuch ('84 Bronco)
Managing Director
WMU Paper Technology Foundation



Student's Letter from Lauren Cuddeback

March 24, 2020

Lauren Cuddeback

Paper Engineering Student

Western Michigan University

2506 Bandon Dr.

Grand Blanc MI, 48439

2020 Sandy Nyman Papermaker's Spousal Support Scholarship

To whom it may concern,

My name is Lauren Cuddeback and I am currently a Paper Engineering student at Western Michigan University, and I am honored to have been nominated for this award by Tim Hagenbuch. I started my journey in Paper Engineering two years ago and I can wholeheartedly say choosing the Paper Industry has been the best decision I've made for myself and my future! During my time in the industry thus far, I have enjoyed the diversity in everyday challenges, opportunities to learn, and the valuable hands on experiences. Receiving this scholarship would allow me to fully delve into my passions regarding the paper making process and earn the degree that will help me to achieve my goals.

With the assistance of this scholarship, the stress of paying for my tuition will be decreased immensely. I will be able to work less on earning money and allocate more time towards my studies, engaging in the campus/community, and pursuing career opportunities in my field. I also look forward to networking opportunities with Paper Industry Professionals at TAPPI Conferences, Western Career Fairs, Paper Engineering Industry Nights, etc. Through these networking events I will be able to connect with individuals who may help me pursue my passion for sustainability and making the future of the paper industry as green as possible! This scholarship would be so much more to me than money, it is a chance to give 110% towards my degree and a chance to explore all that the Paper Industry has to offer.

Thank you for your time and consideration! I hope that you see me as a distinguished Paper Engineering student representative. I look forward to hearing from you!

Sincerely,

Lauren Cuddeback

Resume



Lauren Cuddeback

5816 Jefferson Crms Cir. Apt 302 | Kalamazoo, MI 49009 | C | B10 | 513-4318 | lgv6533@wmich.edu

Education

Western Michigan University Paper Engineering Major (3.28 Cumulative GPA)

Mott Community College (3.6 GPA)

Experience

Administrative Assistant | Western Michigan University PTF Office | January 2019-April 2019, January 2020-Present

- Processed PTF membership receipts
- Managed scholarship estimates for incoming and continuing students
- Communicated with companies on PTF membership opportunities
- Tracked PTF and Pilot Plant purchases
- Informed students on upcoming events and job opportunities
- Assisted in coordination of Paper Tech Foundation banquets and events

Process Engineering Co-op | Verso Corporation: Quinnsec, MI | May 2019-December 2019

- Identified opportunities to optimize coating additive usage to minimize cost
- Conducted an optical brightener reduction trial resulting in \$74,000/year savings.
- Collected and analyzed data using PI Processbook and Proficy
- Presented data and quality improvement action plans to process engineering team on a weekly basis
- Learned to work in multi-disciplinary teams
- Conducted a long-term chemical trial to improve machine runnability, work environment, and cost. The trial resulted in a total cost savings of \$98,000/year.
- Assisted in multiple grade development trials
- Presented on heat safety to paper business unit team
- Learned how to safely work in an industrial environment

Administrative Assistant | Soroc Products: Burton MI | May 2018-August 2018, May 2017-December 2017

- Tracked employee attendance
- Provided quality customer service
- Processed purchase orders in MI database
- Tracked daily production
- Balanced accounts receivable
- Participated in interview selection process

Peer Tutor | Mott Community College | September 2017-May 2018

- Advised walk in tutoring service in the math and chemistry help labs
- Worked with scheduled students in one-on-one tutoring environment
- Supplied the tutoring coordinator with reports on one-on-one sessions

Disability Services | Mott Community College | September 2016-May 2017

- Assisted students in a classroom setting
- Clerical aide for students in Disability Services Program
- Maintain quality customer service
- Provided reading, writing, & note taking services

Achievements and Activities

- WMU Paper Tech Scholarship Recipient
- WMU Transfer Scholarship Recipient
- WMU Gibbs House Garden Volunteer
- MCC National Society of Leadership and Success
- MCC National Society of Leadership/Success
- WMU Ts'ai Lun Club Member
- WMU's "Medallion Competition" Volunteer
- WMU Chem Club "STEM Outreach" Volunteer
- MCC Soccer Club creator, VP, & Captain
- MCC Phi Theta Kappa Inductee
- MCC Board of Trustees Student Speaker

The Couch Pit University



2019 CPU At Large
Scholarship Recipient
– Lauren Stach





2019 CPU At Large Scholarship Recipient – Lauren Stach - School recommendation statement

UNIVERSITY OF MINNESOTA

Department of Bioproducts and Biosystems Engineering
College of Food, Agricultural and Natural Resource Sciences
College of Science and Engineering

BBE North
Kaufert Lab
2004 Folwell Avenue
St. Paul, MN 55108-6130
612-624-1293
Fax: 612-625-6286

BBE South
BioAgEng Building
1390 Eckles Avenue
St. Paul, MN 55108-6005
612-625-7733
Fax: 612-624-3005

E-mail: bbe@umn.edu
Web: www.bbe.umn.edu

March 20, 2020

W. Roger Smith
Quality Manager
Domtar
Ashdown, AR

RE: Nomination of Ms. Lauren Stach for a "Couch Pit University" scholarship

Dear Mr. Smith

I would like to thank you for giving us the opportunity to nominate a deserving student for your scholarship opportunity. In my opinion Ms. Lauren Stach is an excellent candidate for your prestigious award. Lauren is a junior in our Bioproducts and Biosystems Engineering program (former Wood and Paper Science) at the University of Minnesota, Twin cities. Lauren is academically very strong, maintaining a GPA of 3.65, which puts her in the top 10% of our student population. This is especially notable since Lauren is putting herself through college without help from her family and is continuously maintaining a demanding work schedule while attending classes.

Currently Lauren is working full time as an engineering co-op in the SAPPi paper mill in Cloquet, MN. She was able to secure this opportunity after completion of her sophomore year and has committed to the co-op for a whole year. It is unusual for sophomores to be able to obtain co-op positions, since most companies prefer to hire students after completion of their junior year. Lauren loves working in the paper mill and I have heard that she is doing an excellent job.

Lauren clearly also meets your requirement of having financial needs. She is the oldest child in a family with 5 children and is expected to finance her own education through work and loans. Scholarships help students like her to reduce their work load and focus more on their studies.

In summary, I feel Lauren is an academically strong student with a strong interest in working in the forest product industry who would benefit tremendously from financial support though a scholarship. I would like to highly recommend Ms. Lauren Stach for your scholarship opportunity. Feel free to contact me if you have any questions or would like more information.

Sincerely

A handwritten signature in black ink that reads "Ulrike Tschirner".

Ulrike Tschirner
Professor and Director of Undergraduate Studies
Department of Bioproducts and Biosystems Engineering
2004 Folwell Avenue, 204 Kaufert Lab,
St. Paul, MN 55108
612-624-8798 ulrike@umn.edu



Student's letter from Lauren Stach

Lauren Stach
14875 Overlook Drive
Savage, MN 55378
Stach080@umn.edu

March 10th, 2020

W. Roger Smith
Scholarship Chair Couch Pit University Fraternity

Dear Mr. Smith,

I want to thank you for your organization's generosity in offering financial support to students interested in the forest products industry. As a student pursuing a degree in Biosystems and Bioproducts engineering with ample experience and interest in the pulp and paper industry, I believe I would be a good fit for your scholarship.

I am currently a third-year student in the University of Minnesota's Biosystems and Bioproducts Engineering program. In June of 2019, I began a 15-month Environmental Engineering co-op at Sappi's Cloquet pulp and paper mill. Prior to this role I gained engineering experience as a research assistant in various university labs, and completed my own project as part of the Undergraduate Research Opportunities Program (UROP). In the fall of 2020 I will return to the University of Minnesota for three semesters to finish my degree.

As the oldest of five children, I am expected to fund my own education without financial support from my parents. To do so in the past, I have kept a busy work schedule on top of the challenging course load required for an engineering degree. My sophomore year, I regularly worked 20-30 hours a week while taking 16-19 credits. I was an assistant at a campus library and worked in two research labs. Most of the work I did was relevant to my degree and I was able to maintain a high GPA. Aid in the form of scholarships like yours would allow me to focus more on my studies without worrying about my financial situation. I would have more time and energy for my lab and schoolwork, and career planning.

Thank you for your time and consideration.

Sincerely,

A handwritten signature in black ink that reads "Lauren Stach".

Lauren Stach

Resume



Lauren Stach

stach080@umn.edu • (952) 353-0319 • <https://www.linkedin.com/in/lauren-stach>
14875 Overlook Drive Savage, MN 55378

Objective

Seeking opportunities in the general area of biological engineering, with interest in sustainability efforts

Education

Bachelor of Bioproducts and Biosystems Engineering Expected May 2021
University of Minnesota - Twin Cities, Minneapolis MN
GPA: 3.65/4.00, Dean's List Fall 2017 and Spring 2019

Relevant Experience

Sappi North America: Environmental Engineering Co-op, Cloquet, MN June 2019 - Present

- Performed routine inspections for environmental compliance
- Collected field samples for emissions and process monitoring
- Managed mill-wide energy data collection, analysis, and reporting
- Active team member in multiple Lean Six Sigma DMAIC projects

Summer Research Assistant, Mechanical Engineering Lab June 2018 - August 2018

- Characterized the atomization of a two-fluid internal mixing nozzle of Newtonian and non-Newtonian fluids.
- Quantified particle diameters using a laser-based optical technique and image-processing algorithms within MATLAB.

Undergraduate Researcher, Honey Bee Research Laboratory September 2018 - April 2019

- Developed more efficient protocol for data collection
- Analyzed video data of insect behavior and movements using image processing software

Project Work

Fungal Treatment of Rapeseed Meal January 2019 - May 2019

- Conducted a 14-week experiment through the UMN Undergraduate Research Opportunities Program
- Explored effects of four strains of fungi on rapeseed meal's nutritional value for monogastric animals
- Propagated liquid and solid cultures of fungi and analyzed protein, sugar, and moisture content of samples
- <https://consensus.umn.edu/handle/11289/200747>

Leadership Experience & Involvement

Youth Hockey Coach, Cloquet Area Hockey Association November 2019 - March 2020

- Supervised practices and games, mediated player and parent conflicts
- Taught fundamental skills and facilitated communication and teamwork between players

University of Minnesota TAPPI student Organization September 2019 - May 2019

- Active team member in project exploring viability of converting coconut coir into a bioplastic

Honors and Achievements

Minnesota TAPPI Scholarship Recipient September 2019
BBE Scholarship Recipient September 2018
Iron Range Scholarship Recipient September 2017
Hobey Baker Character Award Recipient March 2017

Technical Skills

Software: Microsoft Suite, Google Apps, MATLAB, R Studio, ImageJ, Pi ProcessBook, Proficy Plant Applications



2019 CPU At Large Scholarship Recipient – Austin Bayus



The Couch Pit University



2019 CPU At Large Scholarship Recipient – Austin Bayus - School recommendation statement



**PAPER SCIENCE
& ENGINEERING
FOUNDATION**
Transforming Students into
Leaders for Industry

Paper Science & Engineering Foundation
Miami University
64 Engineering Building
Oxford, OH 45056
(513) 529-0780

W. Roger Smith
Quality Manager
Domtar Paper Company
285 Hwy 71 South
Ashdown, AR 71822-8356

April 10, 2020

Dear Roger,

Thank you for the opportunity to nominate a deserving Miami University student as a worthy candidate to receive the Couch Pit University At Large Scholarship. It reflects good foresight on the part of the members of Couch Pit University to encourage students to pursue a career in the paper industry. It remains a very good industry in which to forge a career, and with the silver tsunami upon us, young professionals who enter the industry will find plenty of challenge and opportunity to quickly assume significant responsibility.

Upon collaboration with my paper department colleagues, it is my privilege to nominate Mr. Austin Bayus for the scholarship. Austin is presently a junior at Miami University, majoring in Chemical Engineering with a minor in Paper Engineering. He uniquely fulfills the criteria for this scholarship. He does have financial need, has a respectable cumulative grade point average of 3.43, came to Miami specifically to pursue the paper industry, and presently is engaged in a co-op work assignment with Green Bay Packaging in the paper mill in Green Bay, WI.

Austin is a worthy candidate, and I respectfully request that you accept his nomination as the recipient for this scholarship.

Sincerely,

Gary R. Rudemiller
Executive Director

Cc: Julie Bischoff

The Couch Pit University



Student's Letter from Austin Bayus

Dear Roger W. Smith,

I am honored to be the recipient of the At-Large Scholarship from Couch Pit University. Thank you for your generosity, and by receiving this scholarship I am more motivated to succeed and learn about paper sciences.

I am a junior studying Chemical Engineering with a minor in Paper Engineering at Miami University. I am currently in Green Bay on a co-op as a process engineer intern with Green Bay Packaging. I have thoroughly enjoyed my time working in a paper mill and definitely see myself having a future in the industry. I have gained a lot of knowledge about the papermaking process that is impossible to present in a classroom. I have learned how important safety and the environment is within the industry. The best part is that I feel as if I am learning something new everyday. I feel that this scholarship is a means of validation of my dedication and passion for this industry.

In order to stay in touch and on track with my schooling, I have decided to take two online courses during the spring semester. I also plan on taking one during the summer. In doing so, I plan to graduate on time with the rest of my class in May of 2021, rather than having to stay in school for an extra semester. Since I am technically not a full time student for the current semester, my scholarships have not counted, so I have had to pay out of pocket for these classes. This scholarship will greatly help meet the costs of these expensive classes at Miami.

By being rewarded with the At-Large Scholarship, I am able to focus more on my education, rather than school bills. I am excited to further my involvement in TAPPI and strengthen my connections with the other students as well as members of the paper engineering community. I would like to thank all of the supporters that have contributed to the scholarship.

Sincerely,

Austin Bayus



Resume

Austin Bayus

360 Deepwood Lane
Amherst, Ohio 44001
(440) 387-7938

bayusai@miamioh.edu

Objective

I am looking for an opportunity to showcase my commitment to the development and sustainability of the paper industry.

Education

Miami University Oxford, Ohio

Major - Chemical Engineering

Minor - Paper Engineering

Class of 2021

Member of TAPPI (Technical Association of the Pulp and Paper Industry)

GPA - 3.43 / 4.0

Skills

- **MatLab** - Created a program that found the azeotrope of 2 compounds
- **Excel, Word, PowerPoint** - Utilized on a daily basis for classes at Miami University
- **Logger Pro** - Often used during the analysis/collection of lab data
- **PARCview** - Used daily for data storage and analysis during co-op

Experience

Green Bay Packaging, Green Bay, Wisconsin

Process Engineer Intern 1/20 - Present

- Perform daily quality tests on process water and paper produced
- Aid in data collection for the new Effluent Treatment Plant being commissioned
- Test paper samples with manual and automatic machines, wrote an SOP for the Autoline

Discount Drug Mart, Oberlin, Ohio

Cashier/Stock 6/19 - 8/19

- Efficiently stock and organize items on a daily basis
- Operate a cash register effectively to ensure speed and accuracy in every transaction

Miami University Dining Services, Oxford, Ohio

Food Service Worker 10/18 - 5/19

- Communicate with customers over their questions or concerns with the food
- Collaborate with fellow coworkers to ensure that customers get their food in a timely manner



Scholarships for 2021

- Schools to receive awards in 2021
- 1) North Carolina State University
- 2) University of Maine
- 3) University of Wisconsin – Stevens Point
- 4) State University of New York - ESF
- 5) Auburn University
- 6) University of Washington



University Outreach

- The purpose of this committee is to facilitate greater outreach from the Couch Pit University members to the Universities who currently have an active Pulp and Paper focus. Those universities include:
 - University of North Carolina State
 - University of Maine
 - University of Wisconsin Stevens Point
 - Western Michigan University
 - Auburn University
 - University of Washington
 - Georgia Institute of Technology
 - University of Minnesota
 - Suny - ESF
 - Miami University

