

DEPARTMENT OF
CHEMICAL ENGINEERING
**GRADUATING
SENIORS**
2023–2024



AUBURN
UNIVERSITY

Samuel Ginn
College of Engineering
Chemical Engineering

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The Auburn University Department of Chemical Engineering presents this directory as a guide for companies seeking to hire capable chemical engineers. All of our graduates have completed a rigorous chemical engineering education that is fully accredited by ABET. This training fully equips them to play significant roles in many industries (chemicals, energy, paper, plastics, biotechnology, pharmaceuticals, microelectronics, food, textiles, materials, etc.) and in many engineering companies and government agencies (design, project, environmental, etc.).

212 Ross Hall
Auburn, AL 36849
(334) 844-4827
eng.auburn.edu/chen

HONORS & ORGANIZATIONS KEY

AED: Alpha Epsilon Delta, Pre-Med Honor Society

AEP: Alabama Power Academic Excellence Program

AICHE: American Institute of Chemical Engineers

AIM: Auburn International Mentoring

ALPHA OMEGA EPSILON: Engineering & Technical Sciences Sorority

APPF: Auburn Pulp and Paper Foundation

ARM: Alabama Rural Ministry

BMES: Biomedical Engineering Society

CIRCLE K: Collegiate Service Organization

CSO: Catholic Student Organization

CUPOLA: Samuel Ginn College of Engineering Student Ambassadors

GAMMA BETA PHI: National Honor Society

GOLDEN KEY: National Honor Society for Outstanding Juniors and Seniors

NAYGN: North American Young Generation of Nuclear

NSBE: National Society of Black Engineers

NWBA: National Wheelchair Basketball Association

OMEGA CHI EPSILON: National Chemical Engineering Honor Society

PHI KAPPA PHI: National Scholastic Honor Society

PHI LAMBDA UPSILON: National Chemistry
and Chemical Engineering Honor Society

PI LAMBDA SIGMA: Pre-Law Honor Society

SGA: Student Government Association

SIGMA ALPHA IOTA: Music Fraternity

SWE: Society of Women Engineers

TAPPI: Technical Association of the Pulp and Paper Industry

TAU BETA PI: National Engineering Honor Society

TAU SIGMA: National Honor Society for Transfer Students





Hunter Atkins

hja0007@auburn.edu
linkedin.com/in/hunter-atkins-42847b192

CO-OP: Daikin America, Decatur, AL, PTFE Chemical Engineering Co-Op (May 2021–August 2021), Daikin America, Decatur, AL, Melts Resin Chemical Engineering Co-Op (January 2022–May 2022), Daikin America, Decatur, AL, Projects Engineering Co-Op (August 2022–December 2022)

RESEARCH: Renewable Biomaterials and Packaging Lab, Auburn, AL, Undergraduate Research Assistant (July 2020),

PERSONAL ACHIEVEMENTS & ACTIVITIES: Eagle Scout–January 2017, Auburn Wesley Foundation–Attended campus ministry since Fall 2019. Was the Thursday Night Dinner Coordinator April 2021 to December 2021, helped plan out and cook all the meals for Thursday night dinners at the church. Became Fellowship chair in March 2023. Help organize and execute all Fellowship related events including Thursday and Sunday night dinners, special social events, and Freshman outreach at Auburn's Welcome Week. From August 2019 to April 2023, I volunteered as a part of a 503(c) Non-Profit Organization known as International Model United Nations Association to plan and execute an international high school Model United Nations conference in New York City. I started as an assistant director, preparing research materials for the delegates that discussed the specific topics for the committee that I later helped run at the conference. As a director, I wrote a 50 page Background Guide that broke down the committee topic in detail and led my assistant director in projects throughout the semester until running the committee at conference. As an Under-Secretary General, I maintained responsibility for hiring and managing a team of 20 collegiate staff members, providing them with strategy for interacting with high school delegates, and training them weekly on academic writing and research. Oversaw and edited research guides for 29 diverse topics dealing with international relations, totaling more than 1,500 pages of original writing and academic research. I also organized morale building activities every two weeks to build better relationships between remote international staff.



Gavin Baynham

gab0046@auburn.edu
linkedin.com/in/andrew-baynham-55058b251

WORK EXPERIENCE: Target Corporation, Birmingham, AL, General Merchandise Expert (May 2022–August 2022), Mountain High Outfitters, Birmingham, AL, Sales Associate (December 2020–8/2021)

INTERNSHIP: Milliken & Company, LaGrange, GA, Valway–Summer Intern (May 2023–August 2023)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Spirit of Auburn Presidential Scholarship (2020–2024), Chemical Engineering Annual Scholarship (2020), Dr. Ralph and Deborah Cunningham Endowed Scholarship (2021), Cleburne A. Basore Endowed Scholarship (2023), Dean's List (2020, 2022), AIChE (2023–2024)



Jessica Brouillette

jab0244@auburn.edu
linkedin.com/in/jessica-brouillette

WORK EXPERIENCE: Engineering Tutoring Center, Auburn, AL, Lead Peer Tutor (August 2021–May 2024)

INTERNSHIP: L'Oréal, Florence, KY, Summer Operations Intern (June 2023–August 2023)

RESEARCH: Beckingham Research Group, Auburn, AL, Undergraduate Research (January 2021–May 2024)

PERSONAL ACHIEVEMENTS & ACTIVITIES: 100+ Women Strong/Bird Song Scholarship, Donald F. Othmer Sophomore Academic Excellence Award, AIChE: Internal Vice President, Omega Chi Epsilon: Secretary, Tau Beta Pi, Kappa Kappa Gamma: Vice President of Operations, WINGS Level 3 Academic Peer Mentor



Grace Carr

gkc0012@auburn.edu
linkedin.com/in/gracekcarr

INTERNSHIP: Moelis & Co., New York City, NY, Investment Banking Analyst (June 2024–August 2024), Commonfund, New York City, NY, Summer Analyst (OCIO Team) (May 2023–August 2023). Casey Family Programs, New York City, NY, Investment Intern (July 2022–August 2022)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Spirit of Auburn Presidential Scholarship, War Eagle Girls & Plainsmen (February 2023–present), Financial Management Association–Head of Diversity Recruiting (August 2022–present), Auburn Student Investment Fund–Director of Real Estate (August 2022–present), Alpha Delta Pi–Vice President of Finance (November 2021–December 2022), Tau Beta Pi National Engineering Honor Society, Omicron Delta Kappa National Leadership Honor Society, Society of Women Engineers, American Institute of Chemical Engineers, Girls Who Invest Summer Intensive Program Scholar.



Shay Cassady

slc0064@auburn.com
linkedin.com/in/shay-cassady-5496a718a

WORK EXPERIENCE: Constantine/Ardurra Engineering, Opelika, Auburn, Engineering Intern (January 2020–May 2022).

INTERNSHIP: ATEC Spine, Carlsbad, California, Biologics Intern (May 2022–August 2022). CDM Smith, Tampa, Florida, Environmental Engineering Intern (May 2019–August 2019)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Society of Women Engineering member since 2018, 100+ Women Strong member since 2018, AIChE member since 2019. Volunteer (January 2016–August 2018). Organized activities for patients while supporting wellness programs, comforting patients, and providing an outlet for creativity.



Bryce Cook

bpc0021@auburn.edu
linkedin.com/in/bryce-cook-b64968201

CO-OP: Westrock Mahrt, Cotton, Alabama, Utilities COOP (January 2021–May 2022).

RESEARCH: TRYAD, Auburn, Alabama, Systems Engineer, Lab Manager (August 2020–January 2021)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Charles L. Strickland Pulp & Paper Endowed Scholarship, Georgia-Pacific Pulp and Paper Scholarship, AIChE, APPE, TAPPI, AU Engineering Day. Tour guide for incoming freshman and high school graduates. Wreaths Across America. Placed wreaths on veterans' gravesites. My Father's Arrows Orphanage, Milton, FL. Constructed vegetable grow beds and an aquaponics system.



Trey Craven

Jbc0067@auburn.edu



William DeFreese

wfd0005@auburn.edu
linkedin.com/in/william-defreese-42914b272

RESEARCH: Kieslich Lab, Auburn, Alabama, Undergraduate Researcher (January 2023–present)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Spirit of Auburn University Scholarship, Dean's List – Auburn Chemical Engineering Fall-Spring 2020, Spring 2022, Auburn University Marching Band President's Scholarship Fall 2020, Fall 2021, Carol and David Hart Endowed Scholarship Spring 2023, Robert Garrett Orrison Sr. Memorial Endowed Scholarship Fall 2022, Tau Beta Pi–Member Fall 2022–present, Participated as an E-Day Tour guide Spring 2023. I consider the amount I have grown as a student progressing through chemical engineering as a personal accomplishment that I wish to continue to improve upon moving forward into my professional career.



Matthew Do

mdd0046@auburn.edu
linkedin.com/in/matthew-do-0bbb3716a

CO-OP: Johnson & Johnsons, Athens, GA, Operations Engineering (August 2021–May 2023)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Vietnamese Student Association (Secretary Fall 2020–Spring 2021, President Fall 2021–Fall 2022) AIChE Chem-E-Car Team (Design Team Lead Fall 2022), AIChE Chem-E-Car Team (Design Team Lead Fall 2022), Union of Vietnamese Student Associations of the Southeast (Executive Board Spring 2023–Spring 2024)



Kristyn Edmondson

kne0015@auburn.edu
linkedin.com/in/kristyn-edmondson-5178301b7

PERSONAL ACHIEVEMENTS & ACTIVITIES: Student Alumni Ambassadors Vice President (2022-2023), Nominated for Student Employee of the Year.



Harrison Edwards

hme0013@auburn.edu
linkedin.com/in/harrison-edwards-471062269

WORK EXPERIENCE: Auburn University, Auburn, AL, Peer Tutor (May 2022–May 2024)

RESEARCH: Beckingham Polymer Research Group, Auburn, AL, Undergraduate Researcher (April 2022– May 2024),

PERSONAL ACHIEVEMENTS & ACTIVITIES: Spirit of Auburn Presidential Scholarship (2020-2024), Frederick A. and Rebecca C. Pehler Endowed Scholarship (2021), John W. and Rosemary K. Brown Annual Scholarship (2022-2023), Pumphrey Award 2021, American Institute of Chemical Engineers (2020-2024) (Secretary from 2023-2024), Tau Beta Pi (2022-2023).



Abby Frost

saf0027@auburn.edu
linkedin.com/in/abby-frost-au

WORK EXPERIENCE: Bethlehem Veterinary Hospital, Bethlehem, GA, Veterinary Assistant (April 2020–December 2021). Auburn University, Auburn, AL, COSAM Learning Assistant (August 2020–December 2020)

CO-OP: Packaging Corporation of America, Counce, TN, Process Engineering Co-Op (May 2021–December 2022).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Auburn Pulp and Paper Foundation Scholarship, Academic Presidential Scholarship, Couch Pit University Scholarship, AU Honors College, Dean's List (Fall 2019, Spring 2020, Fall 2020, Summer 2022), Alpha Omega Epsilon, Beta Nu Chapter (Spring 2020–present), Merchandise Chair (December 2022–present), Technical Association of the Pulp and Paper Industry (Fall 2019–present), Secretary (May 2020–May 2021), Treasurer (May 2021–May 2022), Vice President (May 2022–May 2023), President (May 2023–present), Auburn Pulp and Paper Foundation (Fall 2019–present).



Cole Garner

cag0096@auburn.edu
linkedin.com/in/cole-garner-49459a235

WORK EXPERIENCE: Camp Ozark, Mt. Ida, Arkansas, Counselor (May 2021–August 2021)

INTERNSHIP: OxyChem, Geismar, Louisiana, Process Engineering Intern (May 2022–August 2022)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Attend Reformed University Fellowship and First Baptist Opelika since 2020 to present. Spring Break 2023 I went to Port Saint Joe, FL and did hurricane relief for the week.



Thomas Gibson

tsg0008@auburn.edu
linkedin.com/in/thomas-gibson-578962271

INTERNSHIP: PHP Fibers, Scottsboro, AL, Summer Intern (June 2019–August 2019)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Presidential Scholarship Recipient (2018)



Jeremiah Griggs

jag0116@auburn.edu
linkedin.com/in/jeremiah-griggs-2503531a0

WORK EXPERIENCE: EAMC, Opelika, AL, Patient Care Assistant (May 2022–August 2022). Auburn Campus Recreation, Auburn, AL, Membership Supervisor (January 2021–present)



Charles Hart

cwh0041@auburn.edu
linkedin.com/in/chaz-hart-5574a6248

WORK EXPERIENCE: Auburn University Brown-Kopel MakerSpace, Auburn, AL, Maker Assistant (November 2021–November 2022).

RESEARCH: Likpe Lab, Auburn, AL, Undergraduate Research Assistant (May 2022–May 2024).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Auburn Chapter of Engineers Without Borders: Transmission Sub-Team Lead for the design and implementation of the August 2022 Guatemala travel team, 150 hours volunteering with A Father's Voice Matters, 170 logged hours in single-engine planes via my Private Pilot License, Eagle Scout, International Baccalaureate Diploma recipient.



Jonathan Helms

jhh0057@auburn.edu
linkedin.com/in/jonathan-helms-9a5261228

WORK EXPERIENCE: H&M Construction, Demopolis, Alabama, General laborer (May 2020–August 2020). WestRock, Demopolis, Alabama, Summer Help (May 2019–August 2019).

CO-OP: Graphic Packaging International, Macon, Georgia, Co-Op (January 2021–May 2023).

PERSONAL ACHIEVEMENTS & ACTIVITIES: TAPPI, AIChE, Co-op Ambassador.



Michael Holmes

mah0165@auburn.edu



Brennan Hall

bth0033@auburn.edu
linkedin.com/in/brennan-hall-1988aa228

WORK EXPERIENCE: Seven Meadows Swim Team, Katy, TX, Assistant Coach (April 2018–July 2021). Greater Houston Pool Management, Houston, TX, Lifeguard (May 2018–August 2018).

INTERNSHIP: Aquapharm PChem, Crockett, TX, Chemical Engineering Intern (May 2023–July 2023).

RESEARCH: MPHoward Lab, Auburn, AL, Membrane Project (May 2022)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Auburn Deans List Fall 2020 and Spring 2022, Auburn Marching Band–Section Leader, Auburn Symphonic Winds–Principal Euphonium Player, Auburn Tuba/Euphonium Ensemble, Auburn Basketball Pep Band



Charlotte Harris

clh0113@auburn.edu



Madeleine Greenwood

msg0037@auburn.edu
linkedin.com/in/madeleine-greenwood-7b33a7243/

WORK EXPERIENCE: SABIC Innovative Plastics, Burkville, AL, Co-op Engineer (August 2021–May 2023). The Glomerata, Auburn, AL, Editor-in-Chief (May 2022–May 2023).



Grace Howe

sgh0040@auburn.edu
linkedin.com/in/grace-howe-b154261b5

WORK EXPERIENCE: Auburn University Samuel Ginn College of Engineering, Auburn, Alabama, Student Administrative Assistant, Office of the Dean (May 2020–present). Auburn University Samuel Ginn College of Engineering, Auburn, Alabama, Brown-Kopel Engineering Student Achievement Center Help Desk Employee (August 2019–present).

CO-OP: SABIC Innovative Plastics, Burkville, Alabama, Co-Op Chemical Engineer (May 2021–August 2021).

RESEARCH: Membrane Lab, Dr. Cassandra Porter, Auburn, Alabama, Undergraduate Research Assistant (January 2023–Present).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Auburn Engineering Young Alumni Council Ever Auburn Endowed Scholarship (2022), Christian Trygve Lund Annual Creed Scholarship (2021), Terry Allen Kirkley Endowed Scholarship (2020), Susan G. Delony Memorial Endowed Scholarship (2019), Spirit of Auburn University Scholarship (2019), Ann Barr Honorary 4-H Club Endowed Scholarship (2019), Alpha Omega Epsilon, American Institute of Chemical Engineers, Society of Women Engineers, 100+ Women Strong in Engineering, Student Alumni Association.



Katelyn Hurley

knh0123@auburn.edu
linkedin.com/in/katelyn-hurley-38086519a

WORK EXPERIENCE: VIC Pharmacy, Union Grove, AL, Customer Service Representative, Auburn University, Auburn, AL, Data Validation Student Assistant (December 2022–present).

CO-OP: International Paper, Pensacola, FL, Engineering Co-op (January 2021–July 2022).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Packaging Corporation of America Endowed Scholarship, Pulp and Paper Annual Scholarship, Charles L. Strickland Pulp & Paper Endowed Scholarship, Spirit of Auburn Scholarship, Georgia-Pacific Pulp and Paper Scholarship, Auburn University Dean's List, American Institute of Chemical Engineers, Society of Women Engineers, Technical Association of the Pulp and Paper Industry, Phi Lambda Upsilon, Sigma Phi Lambda–Vice President, Delta Zeta.



Avery Jones

aej0053@auburn.edu
linkedin.com/in/avery-jones-176113257

WORK EXPERIENCE: Alabama Colon & Gastro, Medical Assistant (May 2021–December 2022).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Spirit of Auburn Presidential Scholarship (August 2020–May 2024), James and Patricia Corbitt Endowed Scholarship (August 2022–May 2023), Cleburne A. Basore Endowed Scholarship (August 2023–May 2024), Palmer and Davis Heilbron Endowed Scholarship (August 2023–May 2024); Roger & Dot Hemminghaus Scholarship, 2021–2024; Chemical Engineering Scholarship, 2019–2021; Alabama Textile Education Foundation–Fund for Excellence, 2023–2024; AL Municipal Electric Authority, 2019–2020, Kappa Delta Sorority–President (November 2022–November 2023), Vice President (November 2021–November 2022); The Auburn Circle, Public Relations Staff (August 2022–present).



Minjae Jung

mzj0054@auburn.edu
linkedin.com/in/minjae-jung

CO-OP: Ascend Performance Materials, Decatur, AL, Production Engineering Co-op (January 2022–May 2022), Ascend Performance Materials, Pensacola, FL, Manufacturing Engineering Co-op (August 2022–December 2022).

PERSONAL ACHIEVEMENTS & ACTIVITIES: OXE E-Council Representative and Webmaster (2023-2024), AIChE Webmaster (2023-2024).



Della Kelly

dak0025@auburn.edu
linkedin.com/in/dellakelly

INTERNSHIP: Oxy, New Johnsonville, TN, Process Engineering Intern (May 2022–August 2022).

RESEARCH: Lipke Lab, Auburn, AL, Undergraduate Research Assistant (August 2022–December 2022)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Spirit of Auburn Presidential Scholarship (2020-2024), 100 Women Strong Annual Scholarship (2020-2024), McMillan Family Endowed Scholarship (2020), James and Patricia Corbitt Endowed Scholarship (2024), Auburn University Dean's List (Fall 2020, Spring 2020), American Institute of Chemical Engineers, AIChE (2020-2024; Philanthropy Chair, 2022-2023; External Vice President 2023-2024), Society of Women Engineers, SWE (2020-2024), Auburn University Honors College (2020-2024), Created For a Purpose Girls Summer Camp, St. John's Church, Group Leader (each July 2016-2021), Stuff the Bus Annual Campaign, United Way, Community Volunteer (July 2022), Leap for the Stars Tutoring, I Am My Brother's Keeper, Volunteer Tutor (August 2022–December 2022).



Karissa King

kgk0020@auburn.edu
linkedin.com/in/karissa-king-026186205

WORK EXPERIENCE: Big Blue Marble Academy, Auburn, Alabama, Pre-School & Pre-K Lead Teacher (December 2021–August 2022), Gadsden State Community College, Gadsden, Alabama, Student Support Services Tutor and Coach (August 2019–August 2020).

INTERNSHIP: WestRock, Stevenson, Alabama, Process Engineer Intern (May 2023–August 2023).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Pulp and Paper Foundation Endowed Scholarship 2023-2024, Judith and Norman Faris/Bashinsky Ever Auburn Endowed Scholarship 2023-2024, Joe & Gayle Forehand Endowed Scholarship 2022-2023, Ever to Conquer Transfer Scholarship 2021-2022.



Benjamin Kolar

bmk0039@auburn.edu
linkedin.com/in/benjamin-kolar

INTERNSHIP: Aptar CSP, Auburn, AL, Material Science Engineer Intern (May 2022–August 2022). **International Paper**, Prattville AL, Process Engineer Intern (May 2023–August 2023).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Four Auburn Engineering Dean's List placements for academic excellence (for 4 different semesters at Auburn University: Fall 2020, Spring 2021, Fall 2021, Spring 2022). Founder's scholarship at Auburn University (for 2020–2024). Auburn Catholic Campus Ministry Council Leader: participated in putting on events and participating as a leader for the Auburn Catholic group. (Fall 2021–Spring 2022). Participated in the Auburn Marching Band, Auburn Drumline (Fall 2020–Fall 2021): committed to daily practices and participated in band shows and football game events for the 2020 and 2021 football seasons. Awakening Staff (Spring 2022): volunteered in leading and guiding other college students attending Awakening, a Catholic spiritual retreat. Prepared and gave a speech on spiritual and social guidance through college life. Volunteered to help feed and assist the poor and homeless in downtown Birmingham, AL with the Poor of Jesus Christ Friary (2018). Gave food, clothing, hygienic products, spiritual items, and companionship to the homeless.



Penelope Grace Kovakas

pgk0008@auburn.edu
linkedin.com/in/penelope-grace-kovakas-24b665220

WORK EXPERIENCE: Auburn Makerspace, Auburn, AL, Maker Assistant (November 2020–present). **Tiger-Rock Martial Arts**, Birmingham, AL, Instructor (May 2021–August 2021).

INTERNSHIP: Integrated Solutions for Systems (IS4S), Opelika, AL, (May 2022–August 2022).

RESEARCH: MP Howard Lab, Auburn, AL, Undergraduate researcher (March 2021–present), Chicago, IL, Undergraduate Researcher (June 2023–August 2023).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Center for Polymers and Advanced Composites Fellowship (Fall 2022–Spring 2023), FAITH in Academic Excellence Scholarship–Freshman, Sophomore, and Junior Year, Deans List (Fall 2020–Spring 2021), Alpha Omega Epsilon, Academic Chair (2021–2022), Treasurer (2022–2023), The Makerspace Assistant Vice President (2022–2023), Treasurer (2023–2024), AICHE.



Spencer Lott

srl0034@auburn.edu

PERSONAL ACHIEVEMENTS & ACTIVITIES: Auburn Academic Scholarship, Navy ROTC Scholarship, Dolphin Scholarship, Tau Beta Pi member, Phi Lambda Upsilon member, Basketball Club, Trident Society, Road, park, and cemetery cleaning, Regular Blood donor.



Tyler Lunsford

trl0028@auburn.edu
linkedin.com/in/tyler-lunsford-10a272272

WORK EXPERIENCE: Meadows Contracting, Birmingham, Alabama, Construction Laborer (May 2021–August 2021).

INTERNSHIP: Occidental Chemical Corporation, Ingleside, Texas, Process Engineering Intern (May 2022–August 2022).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Auburn University Spirit of Auburn Presidential Scholarship, Auburn University McMillan Family Endowed Scholarship, Fall 2020 Auburn University Chemical Engineering Dean's Honor Roll, Sigma Pi Fraternity Study Group Leader (2022), Auburn AIChE Publicity Chair (2023–2024).



Luke May

ltm0025@auburn.edu
linkedin.com/in/luketmay

WORK EXPERIENCE: Lonza, Tampa, FL, Process Engineering Intern (May 2023–August 2023). Auburn University, Auburn, AL, Undergraduate Researcher (January 2022–May 2024). Auburn University, Auburn, AL, (August 2021–January 2022). Constructed cellulose microgels for uremic toxin absorption. Analyzed the effect of different environments on microgel behavior. Optimized the gelation and formation of spherical microgels in a digestive environment.

INTERNSHIP: Lonza, Tampa, FL, Process Engineering Intern (May 2023–August 2023).

RESEARCH: Alexander Research Team, Auburn, AL, Undergraduate Student Researcher (January 2022–May 2024). Auburn, AL, Undergraduate Research Assistant (August 2021–January 2022).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Undergraduates Research Fellowship (August 2023–May 2024), Phi Lambda Upsilon Honor Society (April 2023–May 2024), Honors College (August 2020–May 2024), AUsome Science in 60 Seconds (2023), Spirit of Auburn Presidential Scholarship (2020–2024), Department of Chemical Engineering Scholarship (2020–2022), Gary and Carol Godfrey Endowed Scholarship (2022–2024), Adams, Studdard, and Thompson Endowed Scholarship (2022–2023), Richard Eden Memorial Endowed Scholarship (2023–2024), American Institute for Chemical Engineers (2020–2024), Auburn University Marching Band (2020–2024), Rookie Auburn Tiger Mentor (2021–2024), Biomedical Engineering Society (2020–2024).



Anya McDaniel

acm0139@auburn.edu
linkedin.com/in/anya-mcdaniel-64661a203

RESEARCH: Mistriotis Lab, Auburn, AL, Undergraduate Research Fellow (January 2021–present).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Dean's List (Fall 2020, Spring 2022, Fall 2022), Cleburne A. Basore Endowed Scholarship (August 2023–May 2024), Richard Eden Memorial Endowed Scholarship August (2023–May 2024), Spirit of Auburn Presidential Scholarship (August 2020–May 2024), Miles and Eva Motes Scholarship (August 2022–May 2023), McMillan Family Endowed Scholarship (August 2020–May 2021), Cupola Engineering Ambassadors (Executive Chair starting in February 2023) (February 2022–present), Tau Beta Pi November (2022–present), Omega Chi Epsilon (Vice President) (April 2023–present), Phi Lambda Upsilon (Secretary) (March 2022–present), The Makerspace Assistants (March 2022–present), Biomedical Engineering Society (August 2022–present), Alpha Epsilon Delta (September 2020–present), International Buddy Program (August 2020–December 2021), Compassus Hospice Volunteer (August 2022–present).



Nate McLaughlin

Njm0039@auburn.edu
linkedin.com/in/nate-mclaughlin-0b8a841bb

WORK EXPERIENCE: Alpine Camp for Boys, Mentone, AL, Camp Counselor (May 2021–August 2021). Tanner Medical Center, Carrollton, GA, Operating Room Assistant (May 2022–May 2023).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Presidential scholarship – out of state, (2020–2024), McMillan Family Endowed Scholarship 2020, Chemical Engineering annual Scholarship 2021, Men's Club Volleyball Vice President, AICHE Member, Phi Gamma Delta Fraternity Member, The Big Event 2023, Food Pantry of East Alabama 2022–2023.



Emilee Middleton

emm0098@auburn.edu
linkedin.com/in/emilee-middleton-b63962271

WORK EXPERIENCE: Auburn University, Auburn, Alabama, Learning Assistant (August 2021). Tutor, Auburn, Alabama, Elementary Math Tutor (August 2022).

RESEARCH: Avila-Flores Lab, Auburn, Alabama, Research Fellow (January 2022).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Dean's List (Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022) Pumphrey Award - Auburn University (Spring 2022), Outstanding Learning Assistant - Auburn University (Spring 2023), Undergraduate Research Fellowship - Auburn University (Fall 2023–Summer 2024), Presidential Scholarship, John and Rosemary Brown Scholarship, Generation Action (Spring 2022–Present), Tau Beta Pi (November 2022–Present), Pi Gamma Tau (Spring 2022–Present), Phi Lambda Upsilon (Spring 2022–Present), Omega Chi Epsilon (Spring 2023–present), Sunday School Teacher (August 2016–Present), Biological Science Social, Auburn (August 2022–December 2022), Baptist Health Volunteer.



Will Nist

wtn0004@auburn.edu
linkedin.com/in/william-nist-b0576a1b8

WORK EXPERIENCE: Southeast Maintenance, Auburn, Alabama, Foreman's Assistant (January 2017–present). Milton Outdoors, Auburn, Alabama, Landscaping Assistant (June 2015–August 2017).

INTERNSHIP: Aptar CSP Technologies, Auburn, Alabama, Research and Development Intern (June 2019–August 2020 (Summers Only))

CO-OP: Packaging Corporation of America, Valdosta, Georgia, Technical Co-op (January 2021–present).

RESEARCH: Aptar CSP Technologies, Auburn, Alabama, Research and Development Intern (June 2019–August 2019 & May 2020–August 2020).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Spirit of Auburn Presidential Scholarship (2018), Chemical Engineering Annual Scholarship (2019), Dr. Ralph and Deborah Cunningham Endowed Scholarship (2020), Packaging Corporation of America Endowed Scholarship (2021,2023), Nalco Chemical Company Endowed Scholarship (2022), Pulp and Paper Foundation Endowed Scholarship (2022), ABB Inc. Endowed Scholarship (2023), KBR Inc. Endowed Scholarship in Pulp and Paper (2023), Dean's List (2019–2023), Auburn Honors College (2019–2023), American Institute of Chemical Engineers (2019–2023), Auburn Pulp and Paper Foundation (2020–2023), TAPPI (2021–2023), Omega Chi Epsilon Chemical Engineering Honor Society (2023), Auburn E-day–TAPPI Pulp and Paper Cart (2023).



William Northcutt

wjn0008@auburn.edu
linkedin.com/in/will-northcutt-war-eagle

CO-OP: BioHorizons, Hoover, Alabama, Research and Development Co-op (May 2021–December 2023).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Auburn University Presidential Scholarship 2019-2023.



Olivia Olmstead

ogo0002@auburn.edu
linkedin.com/in/olivia-olmstead-a8626523a

INTERNSHIP: SABIC, Burkville, AL, Engineering Intern (May 2023–August 2023).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Auburn Presidential Scholarship, Cleburne A. Basore Scholarship (2020, 2023), KBR, Inc., Endowed Scholarship in Pulp and Paper (2023), Chemical Engineering Annual Scholarship (2021), McMillan Family Endowed Scholarship (2020), Tracy, Lou Ann and Jay O'Rourke Endowed Scholarship for National Scholars (2020), Slaymaker-Kinsey Award (2021), Pumphrey Outstanding Pre-Engineering Student (2021), Tau Beta Pi (2023), Omega Chi Epsilon (2023), Phi Lambda Upsilon (2023), Beat Bama Food Drive (2022-2023), Honors College Peer Academic Coach (2022-2023).



Ishan Patel

ihp0002@auburn.edu
linkedin.com/in/ishan-patel-627739203

CO-OP: Evonik, Birmingham, AL, Chemical/Pharmaceutical Engineer (May 2023–August 2023), Evonik, Birmingham, AL, Chemical/Pharmaceutical Engineer (May 2022–August 2022), Evonik, Birmingham, AL, Chemical/Pharmaceutical Engineer (August 2021–December 2021).

RESEARCH: Murali Dhanasekaran Lab–Harrison School of Pharmacy, Auburn, AL, The Therapeutic Potential of a New Psychoactive Substance Engineered [1-(3,4-Methylenedioxybenzyl)-Piperazine (MDBP)] for Parkinson's Disease (January 2022–May 2023), Auburn, AL, Auburn, AL, Use of Artificial Intelligence in the Diagnosis of Neurological and Neurodegenerative Disorders (January 2023–May 2023), September 2019–March 2020, Nickel Cobaltite Hybrid Structures: Tailoring Battery-like Materials for High-Performance Energy Storage Developing Metal-Organic Framework templates with controlled structural properties for energy storage.

PERSONAL ACHIEVEMENTS & ACTIVITIES: Terry Allen Kirkley Endowed Scholarship, Bill and Pam Moench Endowed Scholarship, Auburn University Board of Trustees Endowed Scholarship, Ever to Conquer Scholarship, Spirit of Auburn University Scholarship, Sal and Paula Marino Endowed Scholarship, Nuclear Power Generation Systems (NPGS) Scholarship, James E. and Emma O. Foy "Foy Spirit Award" Endowed Scholarship, Excel Dowel-Mancillas Family Endowed Scholarship, AIChE–President, Secretary, Philanthropy Chair, Chemical Engineering Car Team–Captain, Stopping Team Lead, BMES, NAYGN, AED, VSA.



Yash Patel

ynp0001@auburn.edu
linkedin.com/in/ynpatel02

INTERNSHIP: Toyota Motor Manufacturing, Georgetown, KY, Process Engineering Intern (May 2022–August 2022).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Spirit of Auburn Founders Scholarship (August 2020–May 2024), Terry Allen Kirkley Endowed Scholarship (August 2021–May 2022), Ware Gaston Family Endowed Scholarship (August 2022–May 2024), American Institute of Chemical Engineers (August 2020–present), Outdoor Adventure Club (August 2021–present), Indian Student Association (August 2021–present), For the Bees Club (August 2021–present).



Logan Phillips

lwp0011@auburn.edu
linkedin.com/in/logan-phillips-b3ab98271

INTERNSHIP: ExxonMobil, Baton Rouge, Louisiana, Process Engineer Intern (May 2023–September 2023).

CO-OP: Packaging Corporation Of America, Counce, Tennessee, Process Engineer COOP (May 2022–September 2022).

PERSONAL ACHIEVEMENTS & ACTIVITIES: I have been a member of the Auburn AIChE chapter and ChemE Car Team since 2020. In the Spring of 2023, I became the leader of the power team for the ChemE Car team.



Gracie Poole

gap0021@auburn.edu
linkedin.com/in/gracie-poole-9764b0236

INTERNSHIP: Occidental Petroleum, Houston, TX, Environmental Engineering Intern (May 2022–August 2022). Occidental Petroleum, Houston, TX, Air Quality Intern (May 2023–August 2023).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Spirit of Auburn Founders Scholarship (2018–2023), Tracy, Lou Ann and Jay O'Rourke Endowed Scholarship for National Scholars (2019–2020), John K. Hodnette Memorial Endowed Scholarship (2020–2021), Vergil I. Prewett Jr. Endowed Scholarship (2022–2023), Dr. Sandra Solaiman Endowed Scholarship (2023–2024), Sigma Sigma Sigma Sorority Member (2019–2024), Students for Clean Water Member (2019–2024), Society of Women Engineers Member (2023–2024).



Ashley Porter

acp0078@auburn.edu
linkedin.com/in/ashley-porter-a80a58225

INTERNSHIP: Chevron, Houston, TX, Facilities Engineer Intern (May 2022–August 2022)

PERSONAL ACHIEVEMENTS & ACTIVITIES: John W. and Rosemary K. Brown Annual Scholarship (Two-time recipient, 2022 and 2023), Academic Charter Scholarship from Auburn, Chemical Engineering Annual Scholarship from Auburn (2021), Auburn Alumni Association Endowed Scholarship (2020), Chevron REACH Scholarship (2020), Tau Beta Pi Engineering Honor Society (November 2022–Graduation), Director of Events on the Engineering Council for the Samuel Ginn College of Engineering (March 2023– March 2024), Cardinal Key Honor Society – Treasurer (August 2022–May 2023), OXE Chemical Engineering Honor Society (April 2023–Graduation), Samuel Ginn College of Engineering E-Team Leader (August–December 2021, 2022), Lambda Sigma Honor Society–VP of Philanthropy (April 2021–May 2022), Biomedical Engineering Society – Secretary (2022) and Vice President/Treasurer (2023), Engineers Without Borders–Guatemala Team (2021–2022), Society of Women Engineers (September 2020–Graduation), Alpha Omicron Pi Sorority (August 2020 – Graduation), Membership Integrity Coordinator for PC 20 (October 2021–October 2022), American Institute of Chemical Engineers (August 2020 – Graduation), Chevron Astros Foundation (4 hours), East Alabama Food Bank (8 hours), Auburn Dance Marathon Participant (8 hours), The Big Event (5 hours), Slice Out Arthritis (6 hours), Run for Roses 5K race (4 hour), The Woodlands United Methodist Church–Conroe House of Prayer, Hurricane Harvey Relief, Special Needs Prom, Breakfast in the Park (13 hours), Montgomery County Food Bank (3 hours), EFTA Ironman Clothes Drive (3 hours), Dean's List for The Samuel Ginn College of Engineering (Fall 2020, Spring 2021, Fall 2021, Spring 2022).



Ben Porter

bdp0036@auburn.edu
linkedin.com/in/ben-porter-83284b1a2

INTERNSHIP: Southern Power, Smith Station, Alabama, Operation Technician (May 2023–August 2023).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Jeff and Linda Stone Leadership Award, Spades Honorary, Wayne C. Alderman Endowed Scholarship, Recruitment Vice President–social fraternity, Director of Academics, Director of Initiatives, and President–Auburn Interfraternity Council (IFC), National Interfraternity Council (NIC) Advisory Council Member, Student Staff–Onward Campus Ministry, East Alabama Food Bank.



Matt Prater

Mep0112@auburn.edu
linkedin.com/in/mathew-prater-242467240

WORK EXPERIENCE: Southern Company Gas, Atlanta, Georgia, Design Engineer Intern (June 2022–August 2022), OrangeTheory Fitness, Auburn, Alabama, Coach (January 2023–present)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Robert and Edna Gatewood Memorial Endowed Scholarship (2022 and 2023), Spirit of Auburn Founders Scholarship (2020–2024), Wrestling Club.



Kate Preston

jkp0037@auburn.edu
linkedin.com/in/jessica-kate-preston

WORK EXPERIENCE: Samuel Ginn College of Engineering, Auburn, AL, Peer Tutor (August 2021–May 2022). Pine Cove Crier Creek, Columbus, TX, Camp Counselor (May 2021–July 2021)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Miss Auburn (February 2023–Present), Chi Omega Fraternity Vice President (November 2021–November 2022), Spirit of Auburn Founders Scholarship, Bill and Lana McNair Auburn Creed Endowed Scholarship, Watson Family Endowed Scholarship, Society of American Military Engineers Scholarship, War Eagle Girls and Plainsmen (February 2023–Present), Chi Omega Fraternity (August 2020–Present), Onward Campus Ministry (August 2020–Present), 100+ Women Strong (August 2020–Present); Student Government Association College of Engineering Senator (February 2021–February 2022), Beat Bama Food Drive (September 2020–November 2021), Alternative Student Breaks (December 2020), Limestone County Churches Involved (2021),



Peter Price

pnp0006@auburn.edu
linkedin.com/in/peter-price-2b7430234

WORK EXPERIENCE: Rouses Supermarkets, Daphne, AL, Service Clerk (June 2019–August 2021)

CO-OP: Hargrove Engineers and Constructors, Mobile, AL, Co-op Engineer (August 2022–present)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Spirit of Auburn Presidential Scholarship, Exploravision National Winner (2020)



Maggie Rayfield

mer0072@auburn.edu
http://linkedin.com/in/maggie-rayfield

WORK EXPERIENCE: Academic Support–Auburn University, Auburn, AL, Supplemental Instruction (SI) Leader (August 2020–August 2021). Academic Support–Auburn University, Auburn, AL, SI Peer Mentor (January 2021–August 2021). Engineering Student Services–Auburn University, Auburn, AL (July 2020–July 2021), 1. Provide guidance to younger girls interested in STEM. 2. Engage campers in discussion concerning engineering disciplines to promote Auburn programs.

CO-OP: Eastman Chemical Company, Anniston, AL, Chemical Engineer Co-op (August 2021–July 2023)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Spirit of Auburn Founders Scholarship–2019, McMillan Family Endowed Scholarship–2019, Darrel and Susan Chenoweth Alumni Endowed Scholarship–2019, Adrian Marcus Rodric Endowed Scholarship–2019, 2016 Chemical Engineering Leave a Legacy Endowed Scholarship–2023, Dean's List: Fall 2019, Spring 2020, Fall 2020, Spring 2022, Society of Women Engineers–2019, Omega Chi Epsilon–2022, Esperanza House Tutor–2022.



McKinley Reece

mar0102@auburn.edu
linkedin.com/in/mckinley-reece-375b80271

INTERNSHIP: Occidental Chemical Corporation, Ingleside, TX, Process Engineering Intern (May 2023–August 2023). Colonial Chemical, Inc., South Pittsburg, TN, EHS&S Intern (May 2022–August 2022). Colonial Chemical, Inc., South Pittsburg, TN, Regulatory Affairs Intern (February 2021–August 2021)

PERSONAL ACHIEVEMENTS & ACTIVITIES:
AIChE–Philanthropy Chair



Samuel Sessions

scs0092@auburn.edu
linkedin.com/in/sam-sessions-ab365b1b9

INTERNSHIP: Savannah River Nuclear Solutions (SRNS), Aiken, South Carolina, Tritium Integrated Systems Process Control Support Engineering Intern (May 2020–August 2020)

CO-OP: IntraMicron, Inc, Auburn, Alabama, Research and Development Engineering Co-op (August 2021–May 2023)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Joseph F. and Gail Barth Endowed Scholarship (2021), Chemical Engineering Leave a Legacy Endowed Scholarship (2022), Christopher and Mary Kramer Endowed Scholarship (2022), and the Cleburne A. Basore Endowed Scholarship (2023). I have been a member of the Auburn chapter of the American Institute of Chemical Engineers for the past 4 years. I was elected Treasurer of the Auburn chapter in the Spring of 2022 and will continue to hold that position until graduation.



Ryan Smith

ras0105@auburn.edu
linkedin.com/in/ryan-smith-498311223

WORK EXPERIENCE: Target, Columbus, GA, Fulfillment Expert (April 2020–August 2020). AMC Theatres, Columbus, GA, Crew Leader (February 2019–April 2020)

CO-OP: Outokumpu, Mobile, AL, Chemical Engineering Co-op (January 2022–August 2023)

PERSONAL ACHIEVEMENTS & ACTIVITIES: AIChE



Rachel Stanley

Rzs0119@auburn.edu
linkedin.com/in/rachel-stanley-42a149237

INTERNSHIP: Shell, New Orleans, LA, Engineering Intern (May 2023–August 2023). Pine Cove, Columbus, TX, Summer Staff (Summer 2021 and 2022)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Corresponding and Recording Secretary for Phi Mu Fraternity 2021–2022; Phi Mu Fraternity 2020–2024; AUDM Assistant Director of Fundraising 2021–2022; AICHE; SWE, Community group facilitator at Auburn Community Church (2021–2024); SHINE Leader at Auburn Community Church (2022–2024); Wonder Kids Volunteer at Auburn Community Church (2022–2024)



Albert Stumm

afs0040@auburn.edu
linkedin.com/in/albert-stumm-683b31223

INTERNSHIP: Exxon Mobile, Corpus Christi, TX, Product Solutions Intern (May 2023–August 2023)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Cupola Engineering Ambassadors, Director of Corporate Relations, Member of Tau Beta Pi, Member of American Institute of Chemical Engineers (AICHE)



Anna Windom

akw0060@auburn.edu
linkedin.com/in/anna-windom-691515273

INTERNSHIP: SiO2 Materials Science, Auburn, Alabama, Research and Development Intern (May 2022–August 2022)

PERSONAL ACHIEVEMENTS & ACTIVITIES: AIChE (2020–2023)



Ryan Wozniak

rjw0048@auburn.edu
linkedin.com/in/ryan-wozniak-695624223

WORK EXPERIENCE: Auburn University, Auburn, AL, Resident Assistant (July 2021–May 2023)

RESEARCH: Beckingham Polymer Research Group, Auburn, AL, Undergraduate Research Fellow (August 2022–present)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Dean's List, Spirit of Auburn Presidential Scholarship, Samuel Ginn College of Engineering Dean's Achievement Scholarship, Samuel Ginn College of Engineering Dean's Annual Scholarship, Roger and Dot Hemmighaus Endowed Scholarship, Jewel Golden Eubanks Phi Kappa Phi Scholarship, Gamma Beta Phi (April 2022–Present), Phi Kappa Phi (November 2022–present), Volunteer work through Phi Kappa Phi (November 2022–present)



Andrew Yingst

apy0004@auburn.edu
linkedin.com/in/andrew-yingst-721743214

WORK EXPERIENCE: Engineering Peer Tutoring Center, Auburn, Alabama, Tutor (August 2022–present). Fairhope Soap Company, Fairhope, Alabama, Sales Associate (August 2018–August 2019).

INTERNSHIP: Spire Inc., Birmingham, Alabama, Compliance Engineer Intern (May 2021–August 2021)

CO-OP: Sabic Innovative Plastics, Burkville, Alabama, Project Engineer Co-op (August 2021–August 2022)

RESEARCH: Dr. Alexander's Research Lab, Auburn, Alabama, Undergraduate Research (January 2023–present)

PERSONAL ACHIEVEMENTS & ACTIVITIES: Chemical Engineering Annual Scholarship (Fall 2020–Spring 2021), Spirit of Auburn Presidential Scholarship (Fall 2019–Spring 2024), Alabama Textile Education Foundation Fund for Excellence (Fall 2023–Spring 2024), Roger and Dot Hemminghaus Endowed Scholarship (Spring 2022–Fall 2023), BP Global Stem Academies Scholarship (Summer 2018), Auburn Circle–PR Staff Member (Fall 2022–Spring 2023)

John Thornhill

jst0031@auburn.edu
linkedin.com/in/john-thornhill-951024272

WORK EXPERIENCE: Auburn University–Center for Polymers and Advanced Composites, Auburn, AL, Assistant for Graduate Research (January 2021–May 2024)

INTERNSHIP: OxyChem, Ludington, MI, Process Engineer Co-op (May 2023–August 2023)

CO-OP: BestCo, Mooresville, NC, Process Engineer Co-op (August 2021–May 2023).

PERSONAL ACHIEVEMENTS & ACTIVITIES: 2019–2023 Spirit of Auburn Scholarship, 2019 Chemical Engineering Annual Scholarship, 2020 William S. Richardson Endowment scholarship, 2021 John and Rosemary Brown Scholarship, 2022 Charles M. and Rosemary Jager Endowed Scholarship, 2023 Cleburn A. Basore Endowed Scholarship, Wesley Foundation Student Council President, 2022–2023 Loachapoka Food Pantry, 3.5 GPA,

Nicolas Ulrich

ngu0001@auburn.edu
linkedin.com/in/nicolas-ulrich-45a29024a

CO-OP: Argos Cement, LLC., Roberta, AL, Process Engineer (08/21–01/22), Argos Cement, LLC, Roberta, AL, Process engineer (05/22–08/22).

PERSONAL ACHIEVEMENTS & ACTIVITIES: Spirit of Auburn Scholarship, Bryant–Jordan Scholarship.

Jacob Ward

jaw0144@auburn.edu

