NC STATE UNIVERSITY College of Natural Resources

PULP & PAPER ANNUAL REPORT



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 E.H.

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 Charles E. Hartford*
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 1963 – 1965
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 Robert C. Harrison
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 1989 – 1991
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MESSAGE FROM THE DEAN MYRON F. FLOYD





The 2020-2021 academic year was another challenging year as we continued to navigate the COVID-19 pandemic. We were all deeply disappointed not to be fully back on-campus and gathering in-person. However, despite the challenges, our students, faculty, research and partnerships continued to grow and thrive. We found ways to ensure our students received the top-notch, hands-on education we are known for. Our faculty and staff got creative to provide virtual experiences for both current and prospective students. Our researchers continued to provide opportunities for students and to nurture relationships with industry partners.

As you will read in this year's report, students such as Aldo De Leon Resendiz graduated with the skills to go directly into the workforce. Our generous donors stepped up again on both Day of Giving and at the second Annual Golf Tournament fundraiser, and Dr. Hasan Jameel was honored with the 2021 UNC Board of Governors Award for Excellence in Teaching.

We do not know what the coming year will look like. But as one of the oldest and most respected paper science and engineering programs in the world, we are one of the most tight-knit communities not only in the College of Natural Resources, but at all of NC State.

This sense of community and our ongoing success would not be possible without the leadership of our board and the involvement of our many alumni, donors, friends and partners. Our partnerships with industry not only make our students more successful, but also ensure that the needs of the industry are being met by our graduates.

Thank you for all that you contribute to our Paper Science and Engineering program through gifts of time, knowledge and dollars. We are truly grateful. It is during these challenging times that we are reminded again and again of the strength of our community – for the strength of the pack is the wolf, and the strength of the wolf is the pack.

Go Pack!

Mr. F. Floyd

Myron F. Floyd Dean, NC State College of Natural Resources



REPORT FROM THE ADVISORY BOARD



Greetings on behalf of the executive team and Advisory Board. We are honored to serve in a leadership capacity for this wonderful group of dedicated individuals, serving a powerful industry.

As we embarked upon the 2020-21 academic year, none of us at NC State thought we would spend the entire year in a virtual setting. Nonetheless, as a board and program, we continued to set ambitious plans and goals, no matter what the year would have in store for us. Looking back, we can be proud of our many achievements and efforts. Looking forward, we will always make note of what we can reapply to continue on our path of excellence and improvement.

As you will see throughout this report, our board and volunteers have partnered with our program to continue ongoing efforts and support new ones, such as:

- Host two virtual board meetings and welcome three new directors.
- Plan and execute an outstanding virtual professional development opportunity for our students and industry alike entitled "Breaking Barriers: The Changing Workforce in Our Industry".
- Utilize a new and unique platform for a networking oriented virtual Gala and class reunions.
- Change lives with scholarship funding made possible by our in person, PSE/PGM Golf Tournament, bringing folks together for one of the few times this year.
- Further support our students with the Frances Melton, Adrianna Grant Kirkman, Packaging Corporation of America, and Sideris Family endowed scholarships.
- Support our rescheduled and annual Day of Giving events and meet our goal to raise more than \$10,000 for the Paper Science Success Award, based on demonstrated financial need.
- Connect our alumni and students with our new Digital Class Book: Bonded by Paper.
- Continue the important work of our committees in the areas of curriculum advisement, recruiting and scholarships, alumni relations, corporate relations, and advancement.
- Support many virtual recruitment and retention events such as a freshman retreat, senior banquet, Paper Super Scholars, "mill town recruiting presentations" and two summer camps.

The success of the Advisory Board is highly dependent on the involvement of our directors, board members, dedicated alumni and friends, industry partners and our faculty and staff. Thank you for your tremendous efforts and we encourage you to continue advocating on our behalf and helping to recruit new industry partners, committee members, board members and volunteers. Our program and reputation were built on generations of volunteers and advocates before us, whose leadership and vision have guided our goal of a world class, world renowned program.

To all of our board members, industry partners, faculty, staff, alumni and students, thank you for your dedication, time and support.

Cynthia A. Hendher

Cindy Hendren President, NC State Pulp & Paper Advisory Board Class of 2005

Jennifer Piercy

Executive Director, NC State Pulp & Paper Advisory Board Class of 1994



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Scholarship

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Student

John Bedard Cory Gibson, Alonzo Aldrich, Sydney Crush Weston Cregger, Aidan Scanlan Mason Broadway , Andrew McKee, Matthew Sholar lan Seidel Varun Atree, Carlton Emerson Jarod Pierce, Kaitlyn Pittman Zane Qasem, Elisabeth Saul Zachary Carson Angelica Boyette, Camila Clickner Austin Schott Cory Gibson Elise McCabe, Paul Stillwell Morgan Davis, Andrew McKee lan Seidel

Jack Bevard, Aitana Blevins, Heaven Davis Miranda Johnson William Hough, Elise McCabe Rylee Sepesi Sophia Mills, David Rios Herrera, Killian Smith Camille Brule Erik Dahlgren, Gianna Wessler Jaylan Paige, Autum Satterfield Lucy Huitt, Natalie Laux Natalie Laux **Richard Conner Colby Shropshire** Miranda Johnson Brianna Bui, Gracelynn Woods Nicholas Burrows Brandon Leib Trae Knight Luis Agaton-Bojorquez, Larden Garland Kyra Attridge Gianna Wessler Alexandra Temple Erin Bracken, Richard Conner Elise McCabe Asia Havnes Alli Belsito, Coleman Lee, Katherine Krull Camille Brule, Taylor Floyd, Ryan Walters Blaine Mercer, Spencer Payne Sydney Crush Max Gibbs Tyler Warlow Samantha Anthony Credle May, Julia Stover Christian Smith Sydney Tomlin Zneyah McLaughlin Grant Swicegood Weston Cregger, Grant Swicegood Weston Cregger, Skylar Johnson William Hough, Matthew Klassa Colby Shropshire Max Gibbs, Alexandra Temple Grant Goelz, Jason Rhodes Tressa Glackin, Elise McCabe Kaleb Estridge Claire Hammontree, Wallace Layman Michael Litavecz Sydney Tomlin, Benjamin Young Jack Bevard Haiden Jones, Mason Broadway Morgan Davis, Jared Hamrick Annie Chen, Andrew Chu, Daniel Lucas Kaleb Estridge, Natalie Laux Elise McCabe, Lucy Polzin Hannah Getsee Annie Chen Coleman Lee Austin Batchelor, Abigail George Zachary Carson Brianna Bui Sarah Singer, Caroline Youngblood Grayson Hardy, Matthew Hinson Jason Rhodes, Brandon Sanchez

Scholarship

Linde Natural Resources Award M. Lebby Boinest, Jr. Magdalene Thompson Donald Mark J. Alexander Memorial Mary Ellen May Johnson MeadWestvaco/NCSU Alumni Michael I. Sherman Nalco Chemical Co. Neil Binkley Memorial Oakley, George E. Olsson Sture J. **OMNOVA Solutions** Packaging Corporation of America Paper Chase Paper Science & Engineering Class C. Cline Peters Phillips Family Phillips Family Leadership Incentive Phillips Family Leadership Incentive Procter & Gamble Company Paper Science and Engineering Class Paper Science and Engineering Paper Science Success Award Peters, C. Cline Philip Jackson Memorial Phillips Family Phillips Family Leadership Incentive Phillips Family Leadership Incentive Procter & Gamble Co. Raymond H. Taylor Family Rector/Ashcraft **Richard H. Owens** Richard H. Owens **RL** Duncan Memorial Robert E. Mason Co. Robert G Hitchings Robert L. Bentley Ronald Estridge Family Roy W. Hunter Shovlin Family Smith, Ray Sononco (NCSU) Alumni Specialty Chemicals Specialty Minerals St. Joe Paper Co. St. Laurent Paper Products Su Family TAPPI Envirochase Ted & Joanne Owens Terry Charbonnier Thiele Kaolin Co. Thomas S. Coldewey Thomas S. Coldewey Tidewater Construction Corp. Turner Family Union Camp Corp. Valmet, Inc. Voith Fabrics W.E. Bill Hamilton Wayne & Harriet A. Barlow WestRock Weyerhaeuser Co. , Will P. Lovin William (Scotty) Greig William E Caldwell William E. & Therese Smith/ECC William H. Sprague Scholarship William M. Bailey William R. Poole William R. Poole William V. Cross/Nalco Chemical

Student

Larden Garland, Michael Tozer Jake Forte, MacKenzie Ingle, Miranda Johnson Austin Schott John Bedard, Brianna Bui Jessica Bey Avari Rector Matthew Klassa, Daniel Lucas, Christian Smith Haiden Jones Heaven Davis Katherine Krull, Caroline Lewis Abigail George, Andrew McKee, Jesse Price Kyra Attridge Angelica Boyette Paul Stillwell Erik Braun, Parker Janson Brendan Tumpey Sydney Tomlin Daniel Lucas, Jaylan Paige, Spencer Payne Ronald Senchak, Breonda Snead Ethan Schwartz Parker Janson William Blackwood, Erin Bracken, Austin Brown Nicholas Burrows, Taylor Floyd, Max Gibbs Grant Goelz, Luis Guardado, Grayson Hardy Asia Haynes, Helene Johnston, Kaya Kusmierczuk Michael Litavecz, Brendan Marcy Znevah McLaughlin, Lucy Polzin Alexander Posener, Avari Rector, Aidan Scanlan Jacob Schoen, Mitchell Swicegood Samuel Vansant, Caroline Youngblood Quoneise Matthews, Tom Zarszynski Bennett Surrett, Brendan Tumpey **Ruby Albers** Sydney Tomlin Kyra Attridge, Tressa Glackin, Matthew Klassa Natalie Laux Erik Braun, Samuel Vansant, Tyler Warlow **Ronald Senchak** Gracelynn Woods Michael Tozer, Parker Janson, Anastasia Moore Sarah Putney Zane Qasem Mitchell Swicegood Timothy Bizzell, Kara Holland Sydney Tomlin Michael Hughes, Ryan Walters Samantha Anthony, Bennett Surrett Trey Hester, Elise McCabe Luis Agaton-Bojorquez, Kyra Attridge Jaylan Paige Michael Litavecz Elise McCabe Annie Chen, Ethan Schwartz Christopher Johnson Michael Alcivar Mora Morgan Davis Zachary Carson , D'Kayla Thomas Wallace Layman Bryanna Lawry, Phillip Icard, Trae Knight Elise McCabe, Cameron Pate, Sydney Tomlin Jessica Bey Jenny Nguyen Joshua Allmon, Wallace Layman Margaret Lawler Tali Horst Michael Alcivar Mora, Brandon Leib Larry Amoriello, Blaine Mercer, Jacob Schoen Jamie Kanzler Bennett Surrett Zachary Carson Ronald Senchak Brendan Marcy , Elise McCabe, Braden Oakes Elise McCabe Samantha Anthony Erik Dahlgren Varun Atree, Camille Brule Zachary Carson Matthew Burleson, Grant Goelz



CONGRATULATIONS to our upperclass scholarship recipients!



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Sophia Mills Summerfield, NC



Tess Moore *Waxhaw, NC*



Jarod Pierce *Greenville, SC*



Kaitlyn Pittman *Fletcher, NC*



Sarah Putney Clayton, NC



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Michael Tozer Hilton Head Island, SC



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* Deceased



FINANCIAL STATEMENT

Fiscal Year 2021

INCOME	2019	2020	2021
Membership Gifts, Corporate	\$223,178	\$156,050	\$149,976
Memberships Gifts, Individual	\$49,808	\$43,812	\$51,482
Scholarship Endowment Income	\$271,950	\$291,210	\$330,979
Paper International Experience	\$41,807	\$1,950	\$2,100
Annual Meeting Income	\$66,531	\$38,850	\$4,150
Scholarship Funds from Accounts Closing	\$56,062	\$39,545	\$41,000
TOTAL	\$709,335	\$571,417	\$579,686
EXPENSE	2019	2020	2021
Scholarships	\$374,044	\$413,975	\$432,672
Foundation Operating Expenses	\$102,274	\$95,243	\$79,528
Paper International Experience	\$47,581	\$5,406	\$0
Foundation Meeting & Event Expenses	\$67,103	\$23,794	\$14,665
Operating Reserves	\$0	\$0	\$0
Facilities	\$0	\$84,182	\$42,261
TOTAL	\$591,002	\$622,600	\$569,125
GIFTS IN KIND	2019	2020	2021
Intl Paper – Process Control Simulator Software	\$0	\$175,000	\$0
Event Capture Systems – Hi speed PM Cameras	\$0	\$0	\$50,000
TOTAL	\$0	\$175,000	\$150,000
TRANSFERS	2019	2020	2021
Operating Reserves Account	-\$75,000	\$85,000	\$85,000
Foundation Operating Expense Account	\$100,000	\$0	\$0
Pulp & Paper Fund Account	-\$100,000	-\$85,000	-\$85,000
Pulp & Paper Quasi Endowment	\$75,000	\$0	\$0
TOTAL	\$0	\$0	\$0
ACCOUNT BALANCES	2019	2020	2021
Foundation Operating Expense Account	\$17,642	\$26,334	\$45,562
Foundation Meetings & Events Account	\$39,900	\$54,955	\$40,316
Pulp and Paper Fund Account	\$662,372	\$623,663	\$629,679
Paper Science Scholarships Account	\$48,540	\$30,979	\$53,081
Paper International Experience Account	\$6,993	\$14,348	\$16,301
Scholarship Endowment Accounts	\$53,910	\$30,480	\$32,064
Pulp & Paper Quasi Endowment	\$337,194	\$334,607	\$308,924
TOTAL	\$1,166,549	\$1,115,366	\$1,125,92

CORPORATE DONORS

Our advisory board is grateful for the continued support of our corporate donors and the individuals within their organizations who make NC State a priority. We recognize the many ways that companies support our efforts: corporate gifts, the hiring of summer interns, co-ops and graduates and various other activities and efforts throughout the year.

THANKYOU!



ABB Andritz BorgWarner Event Capture Systems International Paper Talo Analytic International TAPPI

IMPACT OF GIVING

Adrianna Grant Kirkman Scholarship

The Adrianna Grant Kirkman Scholarship Endowment will provide merit-based scholarships for undergraduate students pursuing a degree in paper science and engineering who have demonstrated interest in equality, diversity or social justice for women by participating in community activities, social groups, student clubs or organizations. The endowment was established by Kirkman's siblings – Betty Grant, Ann Winstead and James Grant.

"In establishing this scholarship, we not only want to honor Adrianna's ability to overcome assumptions about who she was and what she was capable of, but we also want to provide assistance to students who face similar challenges."

Kirkman, a professor emeritus who retired in 2018, began her career at NC State as a research technician in the Department of Wood and Paper Science (now Forest Biomaterials) after graduating with a bachelor's degree in applied mathematics in 1970. While working there, Kirkman earned her master's degree and Ph.D. in wood and paper science. She was later appointed associate professor and then professor while teaching in the Pulp and PaperTechnology program. In 2002, Kirkman became the associate dean of academic affairs for the College of Natural Resources.

A trailblazer, Kirkman was a leader in the field of computer simulation and process modeling and one of the first women in the field, becoming a strong advocate for equality and the promotion of women in STEM and the paper industry.

We are grateful for the endowment that Betty, Ann and James have established in Dr. Kirkman's honor. It is a fitting tribute to her legacy and will help advance women in our program and the industry for years to come.



Frances Melton Scholarship

Ed "Nip" Melton (Pulp and Paper Technology '77) and his wife Judy established the Frances Melton Scholarship in honor of Ed's mother. This is a need based award for undergraduate students in our paper science and engineering program with a preference for out of state students. Ed himself entered our program as an out of state student from Georgia. Ed is currently a "retired" consultant to the paper industry and an avid Wolfpack fan. Ed and Judy live in the Lynchburg, VA area. Everyone was excited and proud to be able to announce this gift as a part of our 2020 Day of Giving.

Packaging Corporation of America Scholarship

To commemorate and recognize Dr. Jameel's 12 years of service to PCA as a director, the "Packaging Corporation of America" endowment was established to provide need based scholarships for students pursuing an undergraduate degree in paper science and engineering. In 2008, Dr. Jameel began serving as a director for PCA. He was chosen to serve on their board primarily for his technical expertise in pulp and paper manufacturing and his knowledge of, and familiarity with, paper mill operations, as well as his general business acumen, all of which are core to PCA's business. PCA is the third largest producer of containerboard, corrugated packaging and uncoated freesheet in North America. PCA is a long time corporate partner at NC State providing annual support, scholarship support, internships, coops and full time placement, as well as mill town recruitment efforts.

PSE/PGM Golf Tournament

The College of Natural Resources scored a hole-in-one recently with its Second Annual GolfTournament fundraiser, which provides scholarships and more for students in the PGA Golf Management and Paper Science and Engineering programs. In its second year of partnership, the event sponsored by the NC State Natural Resources Foundation, Inc. raised approximately \$7,000, which will be split evenly between the two programs

"It is very important to be able to have scholarships to recruit high-achieving students into both of our programs," said Jennifer Piercy, director of student recruiting for the Paper Science and Engineering program. "This also helps retain and reward students who are doing great things."

At the tournament, 12 teams totaling 48 participants enjoyed 18 holes of golf at the Lonnie Poole Golf Course in Raleigh. All activities were in keeping with COVID-19 safety best practices and included forecaddies for each group, a free TrackMan swing assessment, a variety of competitions (closest to the pin, straightest drive and putting contests) and networking opportunities. Range balls, lunch and beverages were included.

Recent recipients of scholarships made possible through the funds raised at the golf tournament are especially appreciative. "Scholarships allow me to focus more on being a successful student and less on financing my education," said Tressa Glackin, a senior in the Paper Science and Engineering Program. Third-year PGA Golf Management major Luke Pastore agrees: " Scholarship support was a deciding factor in choosing NC State over other institutions."

This tournament began many years ago by dedicated PSE alumni and board members. Since 2019, it is now a very successful partnership with the PGM program and professionals, demonstrating how we can collaborate using our respective connections, resources and "know-how" to pull off a world-class event.

The College of Natural Resources' Third Annual Golf Tournament will be held on April 22, 2022. By next year, the planning team hopes to have the capacity for 20 teams, totaling 80 participants.



Paper Science Success Award

In years past, our annual alumni class contest has revolved around percent participation in giving over an entire calendar year. It is no small feat that from 2015 to 2019 we have gone from 8.7% participation to 18.9% participation. Since the contest began, we have seen as much as 91% of our classes participating, winners ranging from the 1960s to the newest graduating class and individual classes reaching 85% participation goals and 400% improvement over past years. While enduring a global pandemic, we knew we needed something different in the fall of 2020. Thus, Bonded by Paper was born. In a two part effort, we created a digital yearbook for our students and alumni to connect and set a goal to raise at least \$10,000 for need based awards in our program. We are proud to report that to date, we have raised over \$13,000 for our "Paper Science Success Award" and will be awarding scholarship funds for the 2021-22 academic year.

Sideris Family Scholarship

Harry Sideris (Chemical Engineering '94) is the Executive Vice President for Customer Experience, Solutions and Services at Duke Energy. Harry is an active member of the NC State community, serving on the Board for the College of Natural Resources since 2014 and a diehard Wolfpack sports fan. Harry and his wife, Catinna, currently live in Charlotte with their two daughters, Mari and Zoey. This scholarship is for undergraduate students pursuing a dual major with Paper Science and Engineering and Chemical Engineering with preference given to students who have a demonstrated interest in equality, diversity of social justice for women by participating in community activities, social groups, student clubs or other organizations that support this focus.

UPDATE ON THE PSE PROGRAM 2020-21 Dr. Med Byrd



Perseverance and resilience – these are attributes we encourage in our students, and this past year required the PSE program to demonstrate them in a big way. The ongoing Covid pandemic forced NC State to convert all Fall 2020 courses to online instruction. The Spring 2021 semester was mostly online, but as vaccinations were deployed, some courses returned to partial or full in-person instruction around midterm.

Online instruction was challenging for many of our students, but especially hard on the first-year students, who were frustrated with the lack of a "normal" onboarding college experience. This frustration was no doubt responsible for a higher than normal attrition rate for first year students. Nine out of forty-three left the program after one or two semesters. This is a 22% attrition rate, which is similar to last year (also a COVID year), and both are almost twice the normal rate. We hope that we can return to higher retention rates once we clear the pandemic.

To help our students cope, we offered a number of "drop in and check in" video meetings throughout the year. In addition,

students were assigned to individual faculty and staff members, who were glad to reach out to the students and provide personal support and a friendly face.

There were a number of bright spots during this challenging year:

Enrollment in PSE continues to be strong. For Fall 2021, 198 students are enrolled, with about half of them pursuing the dual chemical engineering degree.

We continue to attract students of high caliber. Almost half of the Fall 2020 incoming cohort achieved a grade point average of 4.0 after two semesters, without using the covid-related pass/fail provision. The average grade point average for the group was 3.4!

2020-21 Year in Summary

Number of Graduates: **33** Incoming Students, Fall 2020: **43** Graduation Job Placement: **91%** On-campus Transfers: **5** Average Salary: **\$71,600** % Out of State (New Students): **33%**

Our industry partners, most of whom bravely honored internship and co-op commitments during the very confusing (and scary) 2020 summer and fall, stepped up once again for 2021. Nineteen students were on co-op for Spring 2021. Ninety-seven students were on summer internships (a possible record for our program). Twenty students are scheduled to be on co-op for Fall 2021. Amazingly, fifty percent of the first year students received offers for summer internships or co-ops.

Our research program is running at full speed, with exciting opportunities for our undergraduates. The Smart Manufacturing grant is in its second year, with new sensors and data analytics capabilities being installed on the Wolfpack Baby paper machine. Dr. Gonzalez was awarded a major grant from the USDA to study the use of non-wood fibers in tissue and hygiene products. Both of these programs will offer undergraduate research opportunities and enhance the teaching infrastructure of our labs and pilot plant.

At long last, we were able to hire a bright young person in our critical maintenance support role. Help us in welcoming Paul Foster to our team.

Some of you may be wondering – what does the upcoming year look like for our students and PSE? As of this writing, there are concerns. The resurgence of Covid, via the Delta variant, has caused NC State to require masks for all persons in offices, classrooms, and laboratories for Fall 2021. We fear that, if case loads continue to rise sharply, classes will once again return to being offered online only.

Regardless of what is to come, the PSE program and its amazing students will continue to meet all challenges – with perseverance and resilience!

MEET OUR NEW STUDENTS – FALL 2021



Ruby Albers *Eliot, ME*



Will Blackwood Pinehurst, NC



Erin Bracken Wilmington, NC



Austin Brown Kings Mountain, NC



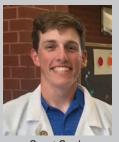
Nicholas Burrows Kings Mountain, NC



Taylor Floyd Roanoke Rapids, NC



Max Gibbs Greenville, NC



Grant Goelz *Huntersville, NC*



Luis Guardado Burlington, NC



Gray Hardy Winston-Salem, NC



Asia Haynes Raleigh, NC



Helene Johnston Hendersonville, NC



Kaya Kusmierczuk *Clinton, NC*



Brendan Marcy *Cary, NC*



Quoneise Matthews Summerville, SC



Zneyah McLaughlin Knoxville, TN



Lucy Polzin *Mooresville, NC*



Alex Posener Fayetteville, NC



Hannah Rafferty Raleigh, NC



Avari Rector Marion, NC



Valerie Salazar-Casas Charlotte, NC



Jacob Schoen Pawleys Island, SC



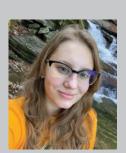
Reilly Sellers Charlotte, NC



Mitchell Swicegood Charlotte, NC



Sam Vansant Washington, NC



Caroline Youngblood Woodbridge, VA



FOREST BIOMATERIALS FACULTY



Dr. Myron F. Floyd Dean



Dr. Martin Hubbe



Dr. Steve Kelley Interim Dept. Head



Dr. Hasan Jameel



Dr. Medwick Byrd



Dr. Hou-min Chang



Dr. Nathalie Lavoine



Dr. Joel Pawlak



Dr. Ronalds Gonzalez



Dr. Lucian Lucia



Dr. Perry Peralta





Dr. Phillip Mitchell

Dr. Ilona Peszlen



Dr. Lokendra Pal

Dr. Richard Venditti



Dr. Sunkyu Park



Dr. Richard Phillips



Dr. Frederik Laleicke

Dr. Melissa Pasquinelli

Rico Ruffino













View Faculty Bios @ go.ncsu.edu/fbfaculty

Dr. Dimitris Argyropoulos Professor Emeritus

Dr. Robert (Bob) Brown Dean Emeritus

Dr. Eric L. Ellwood Dean Emeritus **Dr. Edward Funkhouser** Professor Emeritus

ADMINISTRATORS & FACULTY EMERITUS

Dr. John Heitmann Jr. Professor Emeritus Dr. Adrianna Kirkman Professor Emeritus

Dr. Michael J. Kocurek Professor Emeritus **Dr. Larry Nielson** Dean Emeritus

Dr. Richard J. Thomas Professor Eneritus

Dr. Larry W. Tombaugh Dean Emeritus

Dr. Elizabeth A. Wheeler Professor Emeritus

HASAN JAMEEL RECEIVES AWARD

Hasan Jameel has been honored with the 2021 UNC Board of Governors Award for Excellence in Teaching. Created by the board in 1993, the award recognizes and encourages the extraordinary teaching contributions of faculty across the UNC System.

Jameel, the Jordan Family Distinguished Professor for Natural Resource Innovation in the Department of Forest Biomaterials, is one of 17 recipients representing all 16 of North Carolina's public universities and the North Carolina School of Science and Mathematics.

A member of the faculty since 1987, Jameel has received numerous honors recognizing his teaching, mentoring and scholarship. He is a two-time recipient of the Outstanding Teaching Award and has also received the Outstanding Advisor Award and the Alumni Distinguished Professor Award at both the undergraduate and graduate levels.

In 2000, Jameel was elected a fellow of the International Academy of Wood Science. He was a 2005 recipient of the Johan C.F.C. Richter Prize from the Pulp Manufacture Division of the Technical Association of the Pulp and Paper Industry (TAPPI) and was a TAPPI fellow in 2007, in recognition of meritorious service to the industry.

"Hasan Jameel is an exemplary professor," said Myron Floyd, dean of the College of Natural Resources. "Over a 30-year career, he has been a dedicated and highly effective teacher inside and outside the classroom. He contributes leadership within his department and the college. And he has a wellearned reputation as a caring professor who selflessly invests time and resources for students' long-term success and well being."

In his letter in support for Jameel's nomination, Chancellor Randy Woodson continued to sing Jameel's praises, writing of his "extraordinary passion and enthusiasm for student learning and success, his continued excellence in the field of bioenergy, and the substantial impact of his research."

Throughout his career, Jameel has successfully obtained large grants to fuel his critical research — including \$4 million from the U.S. Departments of Agriculture (USDA) and Energy. With a \$2.7 million grant from the USDA's National Institute of Food and Agriculture and the Agriculture and Food Research

> "There are few individuals who have the ability to effectively impart to students the knowledge necessary to successfully accomplish their future academic or professional undertakings. There are even fewer individuals who do so with tireless dedication and passion. Dr. Jameel's every-day actions demonstrate just how committed he is to helping his students achieve their every goal."

- Reagan Barnhill, Kat Santoro and Mary Kathryn Wallace Class of 2019 Initiative, Jameel and his team are currently developing a project to prepare diverse and rural students and teachers to meet the evolving challenges in the bioproducts and bioenergy industries.

In their letter of support for Jameel's nomination, recent graduates Reagan Barnhill, Kat Santoro and Mary Kathryn Wallace wrote, "There are few individuals who have the ability to effectively impart to students the knowledge necessary to successfully accomplish their future academic or professional undertakings. There are even fewer individuals who do so with tireless dedication and passion. Dr. Jameel's everyday actions demonstrate just how committed he is to helping his students achieve their every goal."

That commitment to holistic student success was echoed in Jameel's own thoughts on teaching.

"During both my undergraduate and graduate career, I had outstanding mentors who influenced me as an 18-year-old student who came to the United States for higher education. They were not only interested in my scholarly output, but they also cared about me as a person. Some of the impressions we leave with our students outside of the classroom will have an equal and maybe a higher impact on the students as the course material we teach. This is the aspect of my job that I enjoy most."

Jameel was recognized at NC State's spring commencement and the Memorial Belltower will be lit red in his honor at a time of his choosing to celebrate all of his accomplishments.

Congratulations Dr. Jameel!



GRADUATION TO VOCATION

Aldo De Leon Resendiz graduated in May 2021 with degrees in paper science and engineering and chemical engineering. During his time at NC State, De Leon was a Goodnight Scholar, University Scholar and a member of the Society of Hispanic Professional Engineers.

He also completed work experience at WestRock, Eastman Chemical, International Paper and The Clorox Company. After graduation, De Leon will work for International Paper as a REACH (Recruit, Engage, Align College Hires) engineer.

How has the College of Natural Resources impacted you and prepared you for your future?

The College of Natural Resource, more specifically the Paper Science and Engineering program, has provided me with the professional skills needed to excel in the workforce. Due to this program's constant investment in my professional development, I am now confident in my ability to succeed in life and make a difference.

What's your favorite memory or class from your time at the College of Natural Resources? Why?

One of my favorite classes in the College of Natural Resource is PSE 371: Pulping Process Analysis with Dr. [Hasan] Jameel. This was the first course in my academic career where the material learned in the classroom was applied to a real-world scenario. In this course we began the semester with a log of wood and produced bleached paper by the end of the semester from the log of wood. This course showed real world implications of the material learned in class and that is what inspired me to be an engineer: the application of knowledge.

What is unique about you or your work?

I believe I am unique in the way I look at the world and creatively solve problems. I once read a quote by Bill Gates that read "I choose a lazy person to do a hard job. Because a lazy person will find an easy way to do it." You may think that I am calling myself lazy, but I believe that Gates meant people have certain characteristics that assist them in overcoming certain problems. That is what makes me unique, being able to approach problems in ways that only I see.

What motivated you to pursue your work?

I have always shown an inherent affinity towards science and math. The combination of those interests with my curiosity to break apart things, understand how they work and put them back together led to my pursuit of an engineering degree. Additionally, the Paper Science and Engineering program cultivated a support system that feels like family.



"Never compare yourself to the people exiting said major or field. The students that are now graduating, decorated with countless cords, and amazing career plans were once in your shoes nervous and unprepared. Rather learn from their scars and ask for their guidance. You will get there in the blink of an eye."

– Aldo De Leon Resendiz

ALUMNI LISTING

Paper Science & Engineering Program Graduates from the Department of Forest Biomaterials

Richard Tait * Calvin Reis * Marcus Mulkey John Tester * William Andrews * Vito Ciliberti **Richard Crumpler *** Horace George * Michael Al-Simanni Arthur Ambler * George Andrews * Wayne Barlow * Herschel Cabe * aavid Dillard * Ernest Franklin Harold Mills * **Ronald Rough** Leon Rundbaken * David White Lawrence Bauer **Richard Bickel** David Bourne * John Clardy * Joseph McCaffrey * George McEachern * Ernest Ross William Schul * Jacob Thigpen John West * Jerry Beasley Dwarka Bhargava

Hamilton, MT
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Enfield, NC
Hilton Head Island, SC
Middletown, OH North Royalton, OH

Asheville, NC

James Carpenter **Charles** Carter Terrell Corkern * Avery Fary Jack Frank * Edwards Hinson Alfred Hofmann Phillip Holland **Thomas Kirkpatrick** Stanley Luczycki Kindred Magette Edgar Mizell Melvin Moody * Ted Robinson Norman Russell Gary Schultz * Jesse Scott **Robert Smathers** Kenneth Steppe Charles Tanner * John Thompson Roy Avera * Wayne Beard * Charles Brown Cecil Carter Bobby Deaton * Gilbert Garner James Gruzdis * Thomas Hinson Charles Holloman * Albert Kiser *

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Brevard, NC
Raleigh, NC York, PA
Brevard, NC
Macon, GA

Roger Lambert Ted Owens * Edmund Puckhaber Albert Rhodes Louis Stone Cheh-Jen Su William Sumner Michael Wilkinson Ronald Younger * Charles Bentley * Gary Bridgers Hurley Cauthorn Larry Chapman Thomas Eck William Freuler William Harden * Paul Hardin Jack Hawkins James Hays Henry Jenkins * Arthur Latimer Carl Mills * Suresh Shreni William Smith Milton Spain Otto Tharpe * John Toms Prem Agarwala William Amick * Elwood Best Francis Biggar

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ALUMNI LISTING

Ronald Blevins John Boughan Thomas Brown Marcus Dennis Victor Dowless **Charles Dunning** Augustus Groce Barre Mitchell * John Moore Garnett Quesinberry Gerald Robertson Alford Smith William Tickel **Raymond Uptegrove** James Williams **Charles Wintzer** David Benton **Royall Broughton** James Calloway * Michael Ford * Jesse Learv Alfred Lindsey William Livingston Eugene Major George Oakley George O'Hara * Furman Owenby * Jack Prescott Jerry Self William South **Richard Ward** Joseph Webb Laurice Altman David Augspurger Bennett Baird William Bradford * **Ernest Clark** Virgil Crabtree * Edward Guerard Robert Harrison **Richard Holley** George Kall * William Langley * Mun Li John Pritchard Ralph Puckett * Harry Sanders Thomas Sawyer Joe Seagle Yajna Sharma Abu Siddique **Thomas Stroup** William Bannan Robert Brown **Robert Chestnutt** William Crossland * Joe Donald William Filiott **Richard Gabriel** Harry Goodman * Aubrey Harris John Heitmann **Robert Hendriks** Charles Holder Marion Holt

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Paper Science & Engineering Program

Adrian Black * Harley Brafford Marvin Cherry Mark Crean George Curtis * Jeffery Daley Thomas Dawson George Gailey **Bobby Handley** Jeffrey Hearn Ames Hudson Daniel Hunter **Ronald Joyner** Gregory Karson Henry King **Baron Newton Charles Prince Robert Rogers** Kenneth Smith William Taylor Kenneth Drew Kenneth Godsey **Calvin Hewitt Richard Hood** James Mashburn Steven Moore John Nickell **Rex Robertson** Gary Trexler * John Vanosdoll John Whitehead James Williams Carl Wright Kenneth Askew David Bradley George Davis * Arch Davis Michael Dennison **Robert Durland** John Faulkner Glenn Harman David Howell Kent Hudson Kathleen Jackson Jeffrev Jensen Judd Kaminskas David Nielsen **Chesley Powell Joseph Rector Carl Schreier** Walter Skipper **Christian Smith** Adrian Stuart James Vining William Barnes Stephen Brown James Buzzard * John Callaway **Carson Carmichael** Robert Dillon Marsha DuBois Desi Gulley **Robert Hall** Frank Methenev Harold Midyette

Memphis, TN 1973 Grantsboro, NC 1973 Henrico, VA Kennesaw, GA Springboro, OH Mobile, AL Raleigh, NC 1973 Destin, FL 1973 Boone, NC 1973 Goose Creek, SC 1973 Milledgeville, GA Hartsville, SC Lake Charles, LA Statesville, NC Minnetonka, MN Henderson, NV 1973 San Diego, CA 1973 Deridder, I A 1974 Cary, NC 1974 Tacoma, WA Gainesville, FL Panama City, FL 1974 Loudon, TN Butler, AL Neenah, WI 1974 1974 Winthrop, WA 1974 Hartsville, SC 1974 Fincastle, VA Santa Rosa Beach, FL 1974 Raleigh, NC Camden, TN Murrells Inlet, SC Raleigh, NC 1975 Raleigh, NC 1975 Jacksonville, FL 1975 Enon, OH 1975 New Bern, NC 1975 Cary, NC Beaumont, TX Centerville, PA Georgetown, SC Appleton, WI Southern Pines, NC 1975 Leesville, SC 1975 Rome, GA Roper, NC Mobile, AL Rock Hill, SC Plymouth, NC Lynchburg, VA Pell City, AL 1976 Raleigh, NC 1976 1976 Williamston, SC West Point, VA Wilmington, NC Loveland, OH North Bend, OR

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Leonard Nelson Dwight Ryan John Schreier Michael Sherrill Dale St Denis Ronald Terry **Clayton Walters Rodney Williams** John Aderton **Robert Barlow** Scott Bradshaw Carl Brothers **Calvin Bucher** Robert Damsky * James Edwards James Gaines **Bivas Ghosh** John Gurganious Frank Harper Robert Kaminskas Thomas Lawson John May Edward Melton Richard Milovicz * Joel Monteith Thomas Neal William Rav Steven Wiseman Joel Anderson Alan Armstrong Blas Arrovo James Bunch Willie Bvrd Ronnie Campbell **Robert Cate** David Chupp William Copeland **Terence** Cutler **Douglas Daniels** Patricia DeJean **Bradford Garnett** Jimmy Gregg **Robert Grygotis** Asa Hardison Edward Hickman Stephen Hoke Ted James Michael Kerkhof Jeffrev Merck David Osborne Thomas Putnam John Richardson * Walter Schultz Robert Slockett Suraphol Udomkesmalee **Robert Vinson** Michele Waters William Watson Andrea Willey Larry Williams **Bobby Williams** Ethan Andrews Jeffery Barker Joseph Cable Mark Cannon

Raleigh, NC Rison, AR Alexandria, LA Dallas, TX Athens, GA Saint Johns, FL Jackson Springs, NC Rochester, MN Gulf Breeze, FL Plymouth, NC Raleigh, NC Birmingham, AL Hanahan, SC Mentor, OH Midlothian, VA Jacksonville, FL Neenah, WI Orange Park, FL Florence, SC Wilmington, NC Forest, VA Bethel, OH Appleton, WI Mason, OH Birmingham, AL Mount Pleasant, SC Cumming, GA Charlotte, NC Beaufort, NC Vicksburg, MS Chesterfield, VA Reidsville, NC Guntersville, AL Colerain, NC Pensacola, FL Wilmington, NC Baytown, TX Los Altos, CA Fort Mill, SC Kingsport, TN Monticello, MS Cary, NC Anniston, AL Monroe, LA Debary, FL Summerville, SC Pensacola, FL Valdosta, GA Jacksonville, FL Pinellas Park, FL Torrance, CA Covington, LA Plymouth, NC Florence, SC Acworth, GA Deridder, LA Suwanee, GA Puyallup, WA Saint Marys, GA Lexington, KY Rock Hill, SC

Robert Canup Stanley Carlyle William Cartee John Chrise **Brent Collins** Tom Coulter Jimmy Duncan **Richard Gibson** John Gill Michael Holden * **Michael Jacobs** Philip Jones Mark Keaten Gary Martin Jeanette Paris Mary Parker * Larry Richard **Robbie Robertson** Ardith Rossignol Keith Stevens William Thomas **Douglas Tyler Charles White** Joseph Anglin Cynthia Barlow Mitchell Baxter Wallace Belgard David Bucher John Campbell **Stanley Carpenter** Wavne Carter Eric Crouse James Crumpler **Janice Davis** David DeGroot Colbert Dilday Terry Huskey Joseph Mashburn **Richard Mead** Fritz Morehead Stephen Nielsen **Rex Raiford Clarence Rose Ernest Shearin** Scott Short Howard Sproull Emma Volker **Brian Waite Thomas Barnes** Kimberly Belt **Robert Benjamin** Timothy Bernhardt **Curtis Correll** Kathrvn Daniels Philip Davis Howard Deal Julia Dickens **Eugene Dickev Roland Etsano** William Greeson **Timothy Griffin** Kenneth Griffin **Charles Hancock Gregory Hedrick Robert Jackson**

	1979
Mount Pleasant, SC	1979
Greer, SC	1979
New Bern, NC	1979
Chesterfield, VA	1979
Wake Forest, NC	1979
Brevard, NC	1979
Florence, SC	1979
Brewton, AL	1979
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Thomasville, AL	1979
Roxboro, NC	1979
Waxahachie, TX	1979
Candler, NC	1979
Hendersonville, NC	1979
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Eatonton, GA	1979
Deridder, LA	1979
Moncks Corner, SC	1979
Duluth, MN	1979
New Kent, VA	1979
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Portland, OR	1979
Pensacola, FL	1980
Fernandina Beach, FL	1980
New Berlin, WI	1980
Lawtey, FL	1980
Saipan, MP	1980
Corinth, MS	1980
West Point, VA	1980
New Johnsonville, TN	1980
Advance, NC	1980
Myrtle Beach, SC	1980
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Richland Springs, TX	1980
Summerville, SC	1980
Asheboro, NC	1980
Enka, NC	1980
Augusta, GA	1980
Shelby, NC	1980
Mechanicsville, VA	1980
Greenville, NC	1980
Rock Hill, SC	1980
Wilmington, NC	1980
Nampa, ID	1980
Skokie, IL	1980
Newtown, PA	1980
York, PA	1980
White, GA	1981
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Natchitoches, LA	1981
Arden, NC	1981
Fort Mill, SC	1981
Blounts Creek, NC	1981
Hartsville, SC	1981
Birmingham, AL	1981
Fernandina Beach, FL	1981
Jacksonville, FL	1981
	1981
Chapel Hill, NC	1981
Clarks Summit, PA	1981
Fuquay-Varina, NC	1981
Oceanside, CA	1981
Wake Forest, NC	1981
Cartersville, GA	1001
Gartersville, UA	1981

ALUMNI LISTING

Hollis Maton John Monteith **Garrett Nicholson** Franklin Norris Larry Norton Diane Oberstadt **Daniel Post Diane Russell** Anthony Smith **Kevin Speight Charles Stillwell** Philip Strader James Strickland Robert Trepte Anthony Upchurch William Wicks Karen Witherspoon Mark Alexander * Susan Boss Sharon Bray Roy Brinson John Carpenter * Myra Carpenter John Cenicola Stanley Chesson Arnold Conrad * **Glenn Corcoran** Anthony Cross Larry Head Karen Hinson-Rehn Calvin Hodgin **Douglas Howell** Sheri Humphrey Robin Kilgannon **Charles Krecklow Dallas Lowdermilk** Kevin Marcilliat Alvin Paul Walter Shorter **Gregory Smith** Matthew Taylor **Richard Taylor** David Turpin Lemuel Tyndall **Charles Angle** Gregory Birk Joyce Boor John Boyden **Gregory Brock** Henry Corey James Coward **James Farley** Steven Gordon Julian Grimes Dwayne Hinkie * Joseph Hosch Todd Hudson Derwin Johnson Steven Kirk John Landy Allen Midyette **Michael Miess** Jeffrey Moore * Brian Morris Steven Parker

Brunswick, GA 1981 League City, TX 1981 Sapphire, NC 1981 Baton Rouge, LA 1981 Lakeway, TX 1981 Warner Robins, GA 1981 Panama City, FL 1981 Rock Hill, SC 1981 Fernandina Beach, FL 1981 Winston-Salem, NC 1981 Raleigh, NC 1981 Sisters, OR 1981 Roanoke Rapids, NC 1981 Roswell, GA 1981 Seven Lakes, NC 1981 Valdosta, GA 1981 Charlotte, NC 1981 1982 Cumming, GA 1982 Pawleys Island, SC 1982 Grantsboro, NC 1982 1982 Easley, SC 1982 Saint Simons Island, GA 1982 Woodstock, GA 1982 1982 Savannah, GA 1982 Darlington, SC 1982 Prattville, AL 1982 Pleasantville, NY 1982 Pfafftown, NC 1982 Cantonment, FL 1982 Birmingham, AL 1982 New City, NY 1982 Evans, GA 1982 Cary, NC 1982 Keller, TX 1982 Newport, NC 1982 Germantown, TN 1982 Fernandina Beach, FL 1982 Bridge City, TX 1982 1982 Matthews, NC Charlotte, NC 1982 Sylva, NC 1982 Six Mile, SC 1983 Seven Valleys, PA 1983 Royal Oak, MI 1983 Denver, CO 1983 Morrisville, NC 1983 Wilmington, NC 1983 1983 Old Lyme, CT Canton, NC 1983 Virginia Beach, VA 1983 Evans, GA 1983 1983 1983 Section, AL Taylorsville, NC 1983 Minneapolis, MN 1983 Saint Simons Island, GA 1983 Jacksonville, FL 1983 Greenville, SC 1983 Cornelius, NC 1983 1983 High Point, NC 1983 Raleigh, NC 1983

James Parnell William Petke John Phillips George Radford William Rogers Mark Ryan Laura Seyler David Seyler Thomas Single John Slaydon Gary Stanley Eric Sylvester Robert Trojak David West Robert Whitley William Williamson David Wynn Anthony Burnette Medwick Byrd **Frederick Carter** Samuel Chennis Andrew Gresham Robert Horry Willie Howard Steven Huffman Edward Inman Karl Jensen Mark Johnson Margaret Joyce Walter Lee **Richard Lehmann** Kimberly Litz John Lovelady Edwina Lowry Daniel McCulloch Alan Moore Jefferv Murrav **Brian Pressel** John Schofield Edwin Stephenson Sara Williard Grace Allen **Richard Barnes** Alexandria Benton **Glenn Brand** David Cheek **Charles** Cleveland Judith Coen Roy Grant Harri Haikala Glenn Henderson Alan Henderson Eric Howell Michael Jackson Michele Kesler William Mallory David Milner Albert Miner Wilton Mitchell Teddy Morris Christopher Nelson David Oliver Susan Purdue Jeffrey Reese * Tommy Riddle

Saint Johns, FL Rock Hill, SC Bolivia, NC Havelock, NC Candler, NC Escanaba, MI Lebanon, OR Lebanon, OR Marietta, GA Pickerington, OH Woodbridge, VA Mobile, AL Youngsville, NC Fernandina Beach, FL Clover, SC Wadesboro, NC Chillicothe, OH Shelby, NC Raleigh, NC Collierville, TN Greensboro, NC Piedmont, SC Georgetown, SC Lawton, OK Roanoke Rapids, NC Memphis, TN San Francisco, CA Apex, NC Cary, NC Seaboard, NC Frostburg, MD Asheville, NC Scottsboro, AL Versailles, KY League City, TX Canton, NC Rock Hill, SC Dayton, OH Ferrisburgh, VT Pell City, AL Winston-Salem, NC Cincinnati, OH Bossier City, LA Austin, TX Goodyear, AZ Clyde, NC Waxhaw, NC Charlotte, NC Fairhope, AL Birmingham, AL Grayson, GA Hartsville, SC Holly Springs, NC Easley, SC Mount Olive, NC Grand Prairie, TX Raleigh, NC Fort Mill, SC Spencer, NC Williamston, NC Grantsburg, IL Sharon, MA Henderson, NC

Michael Rosendale **Charles Sanders** Steven Scheye Gary Steiger * Kevin Thomason **Richard Turner** Larry Warren John West Joev White * Jonathan Wint William Bailey Dana Barnwell Robert Blohm Jennifer Bovitz Galen Butler **Brent Carpenter** James Caudill Robert Cobb Janis Dolan John Garnett Carl Greenway James Hardee Clinton Hester * Marianne Hight David Holt **Beverly James** John Jerome Jeffrey Joyce James Krozser Rebecca Nicholson Roger Nussman Gary Sharpe Brian Szafranski Jeffrey Vermilyea Tom Wadsworth **Everett Wetherington Gregory Williams** Mohamad Abuhasan Susan Davis-Clark John Frazier Jasdev Gill Barbara Hall Jerry Hall David Hall Wendi Hamm Jack Hammond Laurie Harmon Mark Keller Clyde Lollis Janet Mackey Kenneth Meiers Stephanie Miller James Stuber George Sumrell **Timothy Tompkins** Patrick Watkins Alan Watters Benjamin White Tony Baker James Bradbury Charles Brinkley Anne Callender **Barry Covington** Tammy Edwards Stacy Lee

Punta Gorda, FL	1985
Collierville, TN	1985
Martinez, CA	1985
Martinez, CA	
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Florissant, CO	1985
Miramar Beach, FL	1985
Rock Hill, SC	1985
Wilmington, NC	1985
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Augusta, GA	1985
East Granby, CT	1986
Rincon, GA	1986
New Bern, NC	1986
Evans, GA	1986
Franklin, VA	1986
Vancouver, WA	1986
Henrico, VA	1986
Eufaula, AL	1986
Kirkland, WA	1986
San Jose, CA	1986
Augusta, GA	1986
Augusta, GA Apex, NC	
Apex, NC	1986
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Pawleys Island, SC	1986
Charlotte, NC	1986
Savannah, TN	1986
Auburn, AL	1986
Hattiesburg, MS	1986
Raleigh, NC	1986
Fuquay-Varina, NC	
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Charlotte, NC	1986
Hawkinsville, GA	1986
Concord, NH	1986
Newnan, GA	1986
Wilmington, NC	1986
Jonesboro, GA	1986
Cary, NC	1986
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Fernandina Beach, FL	1987
Macon, GA	1987
Lilburn, GA	1987
Prosperity, SC	1987
Prosperity, SC	1987
Raleigh, NC	1987
Grayson, GA	1987
Covington, VA	1987
Acworth, GA	1987
Elizabethtown, PA	1987
Atlanta, GA	
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Gulf Breeze, FL	1987
Wilmington, NC	1987
Gates, NC	1987
Canton, NC	1987
Matthews, NC	1987
Georgetown, SC	1987
Castle Hayne, NC	1987
Silsbee, TX	1987
Roanoke Rapids, NC	1987
West Monroe, LA	1988
Anderson, SC	1988
Chester, VA	1988
Vanceboro, NC	1988
Hendersonville, NC	1988
Windsor, VA	1988
Elmwood Park, NJ	1988

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Pinehurst, NC

Scott Legrand William Lipscomb Gerald Marks Paul Martin **Timothy Nuckols** Kai Simonsen Milan Thomas William Thomas Jeffrev Thornton Maureen Tullis Dianne Van Valkenburgh **Richard Venditti** John Weatherman Andrew Gloster Christopher Gore Deborah Hammack **Robert Harris** David Hyer Joseph Johnson George Joncas Bryan Kay Christopher Mastro Barbara McCabe Garv Modlin Derek Owens Jack Robinson Esmond Sadler Angela Tate Retha Threatt **Timothy Wilde DeNorris Williams** Albert Williams Donnie Williamson Chavonda Young Sylvia Allen Matthew Barbour Joan Chatmon John Chevalier Kevin Christian James Coltrain **Robert Cumbee** James Durkee William Fullenwider Melinda Garrick Kevin Gramelspacher John Graves Scott Hamilton Paulette Hawkins Larry Jackson Bernardo Jurado-Blanco Pembroke Pines, FL Heidi Kincaid Andrea Lewis Mitchell Malcolm John Michael Stephenson Nguyen John Single **Dennis Singleton Ronald Smith** Steven Spencer **Ronald Tucker** Joey Albright Mark Best James Best **Christopher Blenk** Amy Brady

Florence, MT West Point, VA Roper, NC Lumberton, TX Hartsville, SC Zebulon, NC Lake Park, GA Lake Park, GA Indianapolis, IN Lynchburg, VA Apex, NC Bixby, OK Texarkana, AR Bennettsville, SC Gasburg, VA Lumberton, TX Knoxville, TN Sugar Hill, GA York, PA Richmond, VA Basking Ridge, NJ Jamesville, NC Raleigh, NC Bellbrook, OH Jacksonville, FL Rock Hill, SC Panama City, FL Leesburg, GA Moseley, VA Roanoke Rapids, NC Brentwood, TN Gaithersburg, MD Brunswick, MD Kountze, TX Harrisburg, NC Pinetown, NC Hollywood, SC Kingwood, TX Huntersville, NC Titus, AL Thomasville, AL Dover, NH Covington, VA Eureka, CA Collierville, TN Covington, VA Mount Pleasant, SC Leesburg, GA Cincinnati, OH Westminster, CA Daphne, AL Greer. SC Brunswick, GA Holly Springs, NC Browns Summit, NC Kernersville, NC Savannah, GA Silver Spring, MD Charlotte, NC Lexington, SC

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Matthew Brown **Ronald Estridge Douglas Falls Richard Fielding Charles Hanev Thomas Kirkpatrick** Stephen Lawson Patrick Low Robert McRee William Norris **Breton Pate Daniel Pouchot** Mary Rush Wade Rushing Teddy Suratmadji **Jeffrey Thomas** Edward Turner **Gregory Venditti Richard Williams Troy Willis** Bradford Barron Angela Beaver Gary Brewer **Timothy Brinker Jason Cronin** Lisa Greene **Kimberly Haynes** Mark Hayter Christopher Hayter Andrew Hobson Todd Hunt Michael Jackson James Johnson **Christopher Jones** John Lewis Albert Linn Matthew McCracken Robert Revels **Steven Rogers Carol Sanders** Uday Singh Harvev White John Windley Dana Barnhill Mark Betler Stephen Bidwell Elise Bidwell Theresa Blanchard Gary Boettcher James Brewer Bradley Evans * Joseph Flanagan John Fullenwider **Timothy Gill** Cobb Golson Andrew Goolsby John Goss Joel Johnson Kevin Minnick Jerome Mitchell David Norton Paul Palmer Ku Puangchinda Darryll Rasberry **Douglas Robinson**

Richmond Hill, GA Rockwall, TX Richmond Hill, GA Mooresville, NC Hartsville, SC Charlotte, NC Washington, NC Macon, GA 1991 Cleveland, TN 1991 Midland, NC Roanoke Rapids, NC Gloucester, VA Wendell, NC Danville, IL Nashville, TN Alpharetta, GA Savannah, GA 1991 Wilmington, NC 1991 Perry, GA Cincinnati, OH Concord, NC Greensboro, NC 1992 Cantonment, FL Zionsville, IN Conway, AR Murrells Inlet, SC Hartsville, SC Vanceboro, NC Waxhaw, NC Atlanta, GA Shelby, NC Chester VA Colorado Springs, CO Washington, NC Knoxville, TN 1992 Hartsville, SC 1992 Clover, SC Columbus, MS Huntersville, NC Lakeland, FL 1992 Cypress, TX Knoxville, TN Elba, AL Union, WV Columbia, SC 1993 Columbia, SC Grovetown, GA Juliette, GA Roanoke Rapids, NC New Bern, NC Charlotte, NC Wilmington, NC Saint Augustine, FL 1993 Clyde, NC 1993 Prattville, AL Supply, NC Saint Marys, GA Roswell, GA Canton, NC Guyton, GA Wakefield, RI Madison, AL

Robert Simmons Shaun Slocumb William Small Jeffrey Spitz Joseph Stephens Brian Sterling George Stubbins **Trevor Thompson** Scott Tinale Monica Winghart Yen-Ling Wylie Brian Zehner Angela Adams Michael Alford Stacie Arnold **Raymon Bass** Nicole Blankenbeckler Mark Bochey **Darnell Brewington** Montoya Brown Jacob Brown Curtis Brown Jeffrey Buchanan Janice Coon Marty Daniel **Kevin Farley** Jerry Floyd Linda Freeman Melanie Galloway Karen Griffin Sidonia Harrison David Hasty Asher Husain David Kear Donald Kinsey Jennifer Lachance Jamison Medlin Lawrence Offill Jennifer Piercy Edzel Sarigumba John Small James Vaughan John Vonnoh Sayed Walker Brian Allen Crawford Arrington Brian Ashlev Edgar Atkins Elizrean Bethea **Christopher Bolt** Edgar Campbell Edward Chao **Christina Clark** Cynthia Cotton **Jefferson Cox** Steven Daniels Neil Davis **Christopher Deberry** Travis Deel **Tricia Driggers** Rita Edwards Tonya Elium **Robert Gerard** Anne Gresham Thomas Hair

Matthews, NC 1993 Neptune Beach, FL 1993 Florence, SC 1993 Charlotte, NC 1993 Hampstead, NC 1993 Rockwall, TX 1993 San Mateo, CA 1993 Atlanta, GA 1993 Fleming Island, FL 1993 San Carlos, CA 1993 Spring, TX 1993 North Charleston, SC 1993 Fort Mill, SC 1994 1994 Rincon, GA New Bern, NC 1994 Vidor, TX 1994 Richmond, VA 1994 Austin, TX 1994 Knightdale, NC 1994 Alpharetta, GA 1994 Jacksonville, FL 1994 Kinston, NC 1994 Horse Shoe, NC 1994 Cary, NC 1994 Newnan, GA 1994 Knoxville, TN 1994 Brunswick, GA 1994 Florence, SC 1994 Atlanta, GA 1994 Doswell, VA 1994 Jacksonville, NC 1994 Seaboard, NC 1994 Novi MI 1994 Fernandina Beach, FL 1994 Wilmington, NC 1994 Scottsboro, AL 1994 Simpsonville, SC 1994 Asheville, NC 1994 Raleigh, NC 1994 Irvine, CA 1994 Mathews, VA 1994 Chesapeake, VA 1994 Fernandina Beach, FL 1994 Jacksonville, FL 1994 Salisbury, NC 1995 Mount Juliet, TN 1995 Providence Forge, VA 1995 Providence Forge, VA 1995 Covington, GA 1995 Wilson, NC 1995 Hartsville, SC 1995 Port Orchard, WA 1995 Hardy, VA 1995 Raleigh, NC 1995 Alpharetta, GA 1995 Hillsborough, NC 1995 Asheboro, NC 1995 Seaboard, NC 1995 Covington, VA 1995 1995 Orlando, FL 1995 Lumberton, TX Jesup, GA 1995 Asheville, NC 1995 Scottsville, VA 1995 Sulphur, LA 1995

ALUMNI LISTING

Eric Henson Kent Hightower **Brook Holland** Jason Huckaby **Richard Jennings** Jeffrey Leonard Donnie Martin **Dinesh Mathew** George Maxwell Aaron Meredith Jeffrey Miller Antonio Murphy Kimberly O'Daniel William O'Daniel **Dunford Okoth Robert Rhea** Jennifer Stephens Jason Stephens Denisha Turner **Clifford Vann** Ted Viands Tammy Wright **Robert Andrews** Steven Bacon Leigh Barr Kendra Batley **Dehavalyn Black** Milton Burgess Paula Butler Kari Cahoon Melissa Carroll James Cawthorne **Tony Clary** David Floyd Gary Gardner Ryan Hobbs Kevin Holtman Todd Howell Jon Jackson Phillip Jordan Harry Lawton Seung Lee Danah Livingston Joseph Malak Carlotta Mattison Michael Moore James Moore Wesley Petrea Monte Powell Sue Quick Michael Rambusch Loletta Redmon Timothy Schleining Jill Shifflett Donna Smith Coley Snowden Brian Spear David Tutor **Christopher West** Adam Williams Eric Witzgall **Elizabeth Wones** Robert Yang Marcus Barnes John Barrett

Battle Creek, MI 1995 Greeneville, TN 1995 Canton, NC 1995 Raleigh, NC 1995 Pacific Palisades, CA 1995 Covington, VA 1995 Brookhaven, MS 1995 Portland, OR 1995 Palatka, FL 1995 Decatur, GA 1995 Ashland, VA 1995 Richmond Hill, GA 1995 Bonaire, GA 1995 Bonaire, GA 1995 Raleigh, NC 1995 Union, KY 1995 Fairhope, AL 1995 Fairhope, AL 1995 Chesterfield, VA 1995 Bonner, MT 1995 Savannah, GA 1995 Lakeland, FL 1995 Hot Springs, VA 1996 Barnesville, GA 1996 Santa Fe, NM 1996 Wilmington, NC 1996 Winston-Salem, NC 1996 Asheville, NC 1996 Savannah, GA 1996 Roper, NC 1996 Raleigh, NC 1996 South Saint Paul, MN 1996 1996 Macon, GA Holly Springs, NC 1996 Raleigh, NC 1996 Cary, NC 1996 Appleton, WI 1996 Raleigh, NC 1996 Raleigh, NC 1996 Mount Pleasant, SC 1996 Nashville, TN 1996 1996 Apex, NC Cantonment, FL 1996 Panama City Beach, FL 1996 Charlotte, NC 1996 Castle Hayne, NC 1996 New Bern, NC 1996 Kannapolis, NC 1996 Richmond Hill, GA 1996 Drexel Hill, PA 1996 Alpharetta, GA 1996 Brewton, AL 1996 Round Hill, VA 1996 Covington, VA 1996 Dinwiddie, VA 1996 Hanahan, SC 1996 Monroeville, AL 1996 Savannah, GA 1996 Augusta, GA 1996 Suffolk, VA 1996 1996 Ocala, FL Perry, GA 1996 Louisville, KY 1996 Saint Augustine, FL 1997 Augusta, GA 1997

Eric Bryant Chad Caldwell Matthew Campbell David Clemmons **Ronald Crawford** Gene Foster Shana Gregory Britt Haddock Khaleda Hamid Holly Hanes Ayanna Harris Veronica Hubbard Suwat Ithipathachai Thomas Jenn Paul Jett Valerie Jong **Timothy Landers** Ching-Chin Lee Robert Lindsev Julie Lovelace Robin Lowery **Bradley Lucas** William Martin Rvan McNair Valerie Minor Patrick Morgan Matthew Morgan Michele Parsons Jennifer Raiford Gene Revell Jennifer Richter **Chester Rowe** Karen Shigehara James Smith Kevin South Eric Thompsen Mark Thornton Jason Tucker Donald Turk Li Wang Chancey Washburn Edward White Amit Aggarwal Sherri Altman Kleist Bowman Chad Branch Shannon Bumgarner Dawn Bunch **Rommel Carswell** Rouf Chaudhry Mayo Collier James Cook Roy Corn David Council Samuel Dunning Stephen Farmer Adam Ferguson Eric Fisher **Kimberly Geiger** Wesley Griffin Michael Halstead John Harvey Tamika Hayden Terri Lail **Glenn Martin**

Houston, TX Pulaski, VA Williamsburg, VA Rock Hill, SC Charlotte, NC New Bern, NC Jamesville, NC Columbia, SC Yorba Linda, CA Lewisville, NC Sumter, SC Decatur, IL Princeton, TX Appleton, WI Sanford, NC Raleigh, NC Leicester, NC Charlotte, NC Clvde, NC Reidsville, NC Clayton, NC Menasha, WI Madison Heights, VA Apex, NC Fernandina Beach, FL Daleville, VA Eureka, MO Winston-Salem, NC Weaverville, NC Lithia Springs, GA Atlanta, GA Wake Forest, NC Greenfield, WI Delray Beach, FL Charlotte, NC Hartsville, SC Blue Ash, OH Fort Mill, SC Lawton, OK Cary, NC Cumming, GA Apex, NC Morrisville, NC Rock Hill, SC Greer, SC Midlothian VA Mooresville, NC Edenton, NC Summerville, SC Springfield, VA Hattiesburg, MS Elkin, NC Raleigh, NC Washington, NC Bristol, VA Mount Pleasant, SC Clavton, NC Wake Forest, NC Charlotte, NC Vanceboro, NC New Bern, NC Eugene, OR Durham, NC Denver, NC Bruce Twp, MI

Dwayne Matthews Lilton Moore **Charles Mundy** Trov Muro James Nixon Angela Parker William Ponton Matthew Quick Manoi Reddy Joshua Respess Kerri Shirley George Shorter William Sparks Paul Su **Christopher Swift** Jacquelyn Taylor Elfrey Tedder James Ward Michael Will Anthea Wu **Christina Yochelson Christopher Alexander** James Burroughs **Derrick Callander Christopher Chang** Jeremy Deshazier Michael Dowdy Daphne Esker Greg Gardner **Dalton Gaskins** Mary Harris Nathan Jones **Timothy Jones Bradley Justus** Cory Knox **Clint Kocik** Roger Laufer **Christopher Lineberry** Andrew Linn Jason Mayberry Percy McIntyre Derek Morris Alicia Pham **Richard Phillips** April Rhodes James Samp **Christine Schwartz** Michael Scotti Shahnawaz Siddiqui Matthew Turner Andrew Weller Michael Yoder William Boyette **Ryan Burgess** Neil Caudill Kevin Copeland Amy Darchuk Tanya Davis Keith Donaldson * Erik Edwards Chen Fan Jeffery Goodwin Brian Jones Jeffrey Jordan Bryan Laney

Garner, NC 1998 Marietta, GA 1998 Aylett, VA 1998 1998 Evans, GA China, TX 1998 New Bern, NC 1998 Arapahoe, NC 1998 Rincon, GA 1998 Raleigh, NC 1998 Bath, NC 1998 Greensboro, NC 1998 Hilton Head Island, SC 1998 Roanoke Rapids, NC 1998 Holly Springs, NC 1998 Elmhurst, IL 1998 New Bern, NC 1998 Myrtle Beach, SC 1998 Fair Play, SC 1998 Birmingham, AL 1998 Holly Springs, NC 1998 Cary, NC 1998 Winston-Salem, NC 1999 1999 Melbourne, FL Humble, TX 1999 Mason, OH 1999 Raleigh, NC 1999 Charlotte, NC 1999 Jackson, Al 1999 Raleigh, NC 1999 New Bern, NC 1999 Raleigh, NC 1999 Anderson, SC 1999 Columbia, SC 1999 Raleigh, NC 1999 Fayetteville, AR 1999 Pewaukee, WI 1999 Arden, NC 1999 Julian, NC 1999 Lynchburg, VA 1999 Dunwoody, GA 1999 Jamestown, NC 1999 1999 Brunswick, GA Austin, TX 1999 Raleigh, NC 1999 Warrenton, VA 1999 Lawrenceville, GA 1999 Charlotte, NC 1999 Westerville, OH 1999 1999 Grimesland, NC 1999 Fairbanks, AK 1999 Cleveland, TN 1999 Wilmington, NC 2000 Marietta, GA 2000 Olympia, WA 2000 Roswell, GA 2000 Beaumont, TX 2000 Kannapolis, NC 2000 2000 Bedford, VA 2000 2000 Austin, TX Houston, TX 2000 Baton Rouge, LA 2000 Hartsville, SC 2000 Hartsville, SC 2000

Paper Science & Engineering Program

Lorraine Montgomery John Morgan **Cameron Morris** Ashley O'Neill Joanna Shapiro Miranda Shope **Rebecca Smith** Cynthia Spruill Sophia Sun Michael Vance Arthur Welker **Kimberly Williams** Cynthia Winston Marguis Bennett Robert Blythe David Bowen James Boyd Jonathan Chipley Stacev Davidson **Kelsey Edwards** Marianne Gaskins Albert Gurkin Zachary Guy Tasha Hardison **Benjamin Harley** Carlton Johnson Jason Jones Travis Lail **Daniel Leach** Samuel Littlejohn **Robert Lowe** Jeremy Meyers **Richard Miller** Kyle Moody Janet Morgan **Kevin Pease Randall Pittard** Justin Rice **Tiffany Robinson Daniel Sharkey** Jonathan Shorter Scott Taylor **Elizabeth Thompson** John Thompson **Betsy Whitley** Erik Yarbrough Jonathan Anderson William Bragg Brandon Bray Christy Bryson Charles Daw Emily Duke Jeffrey Flanagan **Ricky Gardner Charles Hinson** David Johnson Rvan Long Jason Persinger John Quick Alysia Ritch Aaron Smith Elizabeth Speller William Stallings Brian Stepp Julie Taing

Macon, GA 2000 Suffolk, VA 2000 Raleigh, NC 2000 Pittsburgh, PA 2000 Beacon, NY 2000 Fuguay-Varina, NC 2000 Clifton Forge, VA 2000 Cary, NC 2000 Newark DF 2000 Alpharetta, GA 2000 Rock Hill, SC 2000 Powder Springs, GA 2000 Wake Forest, NC 2000 2001 Raleigh, NC Augusta, GA 2001 Long Beach, CA 2001 Charlotte, NC 2001 The Woodlands, TX 2001 Falls Church, VA 2001 Raleigh, NC 2001 Florence, SC 2001 Washington, NC 2001 Waynesville, NC 2001 Greenville, NC 2001 Raleigh, NC 2001 Raleigh, NC 2001 Oregonia, OH 2001 Houston, TX 2001 Winston-Salem, NC 2001 West Columbia, SC 2001 Mendham, NJ 2001 2001 Bella Vista, AR Rock Hill, SC 2001 Jonesborough, TN 2001 Lumberton, TX 2001 New Hill, NC 2001 Spanish Fort, AL 2001 2001 Raleigh, NC Manson, NC 2001 Benton, LA 2001 Hilton Head Island, SC 2001 Pensacola, FL 2001 Rochester, MN 2001 Winston-Salem, NC 2001 Texarkana, AR 2001 Oxford, NC 2001 Florence, SC 2002 Rock Hill, SC 2002 Champaign, IL 2002 Brevard, NC 2002 2002 Savannah, GA **Boiling Springs, SC** 2002 Huntersville, NC 2002 Bennettsville, SC 2002 Rochelle, GA 2002 2002 Florence, SC Forest, VA 2002 Kingsport, TN 2002 Hamlet, NC 2002 2002 Aiken, SC 2002 Alpharetta, GA Williamston, NC 2002 Mobile, AL 2002 Scottsdale, AZ 2002 Alpharetta, GA 2002

Charles Wallace Nicholas Weaver Erik Welf Nicholas Wilson Phillip Wray Edwin Alston Timothy Armstrong David Ashcraft Harry Countryman **Crystal Currie** David Foster Jennifer Harris Keri Lake Anthony Lee Axel Lindenbeck Jason Locklear David Long Kevin Lowe Kelly Martin Jeffrey Moffat Alnesha Moses **Dustin Mountcastle** John Patteson Brvan Ransom Jerry Richardson **Courtney Tillman Crystal Twiss** Jeff Wallace Jeremy Watters Kelley Wilber Donnie Young Alan Boyd Joshua Cottrell Jonathan Dunn **Rachel Ernest-Saunders Christopher Foess** Brian Gustin Ryan Hill Jamie Jones Megan Lau Michael Mixon **Courtney Pate** Stephanie Robinson Susan Roszko Willard Salley Michael Smith Heather Smyth Shavoya Underdue Christopher Wilson Michael Wojdyla Jonathan Barnes Patrick Behan **Timothy Byer Christopher Duncan** Larry Eason Mary Ellen Elliston **Colin Haves** Cynthia Hendren **Dustin Herrmann Brian Hoffert** Adam Hoffman Min Lee Jonathan Leerkes Dyron Liverman Aaron Miller

Winston-Salem, NC Williamston, NC Dallas, TX Zebulon, NC Charleston, SC Youngsville, NC Raleigh, NC Austin, TX Evans, GA Augusta, GA Fort Mill, SC Wilmington, NC Broken Arrow, OK Durham, NC Fort Mill, SC Wendell, NC Princeton, NC Kathleen GA Liberty, NC Charleston, SC Elgin, SC Charlotte, NC Albany, GA Georgetown, SC Wake Forest, NC Wake Forest, NC Apex, NC Chesapeake, VA Aragon, GA North Myrtle Beach, SC 2003 Evans, GA Farmville, NC Rock City Falls, NY Bath, NC San Jose, CA Bullock, NC Roswell, GA Berkeley, CA Baton Rouge, LA Houston, TX Shawnee, KS Charlotte, NC Wake Forest, NC Lexington, SC Edenton, NC Lynchburg, VA Queensbury, NY Dacula, GA Forest, VA Jackson, NC Riegelwood, NC Roanoke, VA Rolesville, NC Bladenboro, NC Hartsville, SC Cary, NC Newburgh, IN New Bern, NC Muskogee, OK Deridder, LA Raleigh, NC Greensboro, NC Houston, TX Mansfield, TX

Angela Page **Elena Sanders Casey Sawyer** Ryan Sharkey **Rebecca** Williams Sara Abbe Milton Bennett Patrick Cleary Carl Cox Benjamin Godfrey Maryn Hilkin Meredith Mackey Niral Patel Vesna Tosanovic Jerrid Watts Douglas Way David Abrecht Brandon Bovd **Charles Culbertson Bradley Cunningham** Jeremy Haddock Jeffrey Harke Jason Harman Joel Love Hunter Morris Valerie Ortega Joseph Rawls Kelley Spence Cary Strickland Stephen Stroud Jarrod Tucker David Watts Graham White Seth Carter **Janderson Cibils** Devin Cribb Amanda Cutsail Jesse Daystar Amber Gibson Charles Gordon **Ruth Graves** Diana Hoffert Dionne Kimani Samuel Lipes Joseph Miraya Ronnie Powell Liam Royce Andrew Rutledge William Scarboro Keith Slaton **Trevor Treasure** William Trick **Tristen Trivett** William Barnes Susan Buenaventura **Catherine Conner** Justin Farmer Corey Gooden **Dane Grismer** Zachary Hobbs Madison Howard Shelly Johnson Mark King Matthew Lapaire

Wilmington, NC 2005 Vanceboro, NC 2005 Collierville, TN 2005 2005 Jamesville, NC Charlotte, NC 2005 Elm City, NC 2005 Colorado Springs, CO 2006 Vanceboro, NC 2006 Columbia, SC 2006 Spring, TX 2006 Raleigh, NC 2006 Luling, LA 2006 Daniel Island, SC 2006 Houston, TX 2006 Greensboro, NC 2006 Wilmington, NC 2006 Guyton, GA 2006 Knoxville, TN 2007 Mount Pleasant, SC 2007 Chocowinity, NC 2007 Mount Pleasant, SC 2007 Chocowinity, NC 2007 2007 Johnson City, TN Jackson Springs, NC 2007 Boulder, CO 2007 Savannah, GA 2007 DeRidder, LA 2007 Washington, NC 2007 Wake Forest, NC 2007 Raleigh, NC 2007 Raleigh, NC 2007 Cincinnati, OH 2007 Whiteville, NC 2007 Baton Rouge, LA 2007 Baton Rouge, LA 2008 Pryor, OK 2008 Charlotte, NC 2008 2008 Raleigh, NC 2008 Hartsville, SC 2008 Queensbury, NY 2008 Charleston, SC 2008 Johnson City, TN 2008 Raleigh, NC 2008 Henrico, VA 2008 Wilmington, NC 2008 Charleston, SC 2008 Holly Springs, NC 2008 Greensboro, NC 2008 Franklin, VA 2008 Kingsport, TN 2008 Kingsport, TN 2008 Cary, NC 2008 Juneau, AK 2008 Rock Hill, SC 2009 2009 Atlanta, GA Brunswick, GA 2009 Knightdale, NC 2009 Edenton, NC 2009 Raleigh, NC 2009 Cary, NC 2009 Belville, NC 2009 Raleigh, NC 2009 Evans, GA 2009 Wilmington, NC 2009

ALUMNI LISTING

Amber Niemeyer Tabatha Penny Metts Potter Jannov Rusli Andrew Wallace Sean Warby Laura Watkins **Travis Bernard** Travis Blanks David Chen Ashleigh Eason **Camille Holzner** Haovu Jin **Brandon Jones** Nicholas King Carter Kirwan Daniel Lawson Andrew Martin Peter McAnulty Andrew Moore Patrick O'Neill Zachary Putnam Andrew Reep David Rojas-Holmquist Jordan Russell Samantha Ackerly Minhazul Arefin Patrich Buenaventura Peter Chen Brandon Dillard John Donnelly Samuel Fipps Genevieve Flatgard Kristin Grant Mayo Xavier Harville Colby Jackson Sonja Jones Stephen Kaminskas Matthew Kollman Jeremy Liles Kyle Lindsay Daniel Martin Reno McGaha **Douglas Mehlenbacher** Kevin Miller Nathan Moore Rvan Oliver **Richard Pridgen** James Pye Jessica Rogers Kolby Stockton Alvson Wade **Rahatul Ashique** Jakob Bauriedl Jonathan Dew Brian Fanning Kelly Fitzwater David Froggatt Elijah Gore Nicholaus Hale Steven Hansen **Gregory Hollis** Yashar Kasehi Maria Luna Riina Markkanen

Humble, TX 2009 Oak Ridge, NC 2009 Morrow, OH 2009 2009 Saint Louis, MO 2009 Winchester, VA 2009 Wake Forest, NC 2009 Charlotte, NC 2010 2010 Chocowinity, NC Durham, NC 2010 Wake Forest, NC 2010 South Chesterfield, VA 2010 Pfafftown, NC 2010 2010 Raleigh, NC Cincinnati, OH 2010 Atlanta, GA 2010 Owensboro, KY 2010 Franklin, VA 2010 Raleigh, NC 2010 Gastonia, NC 2010 Zebulon, NC 2010 Shelby, NC 2010 Gastonia, NC 2010 Tucson, AZ 2010 Ellerbe, NC 2010 Green Bay, WI 2011 Alexandria, VA 2011 Atlanta, GA 2011 Apex, NC 2011 Thomasville, NC 2011 Apex, NC 2011 Guyton, GA 2011 2011 Arlington, VA Raleigh, NC 2011 Hopkins, SC 2011 Denver, NC 2011 Vancouver, WA 2011 Wilmington, NC 2011 Durham, NC 2011 Littleton, NC 2011 Fernandina Beach, FL 2011 2011 Wilmington, NC Maggie Valley, NC 2011 2011 Jacksonville, FL Pride, LA 2011 Fernandina Beach, FL 2011 Indian Trail, NC 2011 Arlington Heights, IL 2011 Fernandina Beach, FL 2011 Atlanta, GA 2011 Hartsville, SC 2011 Mooresville, NC 2011 2012 2012 Hallsboro, NC 2012 Troy, MI 2012 Houston, TX 2012 Wilmington, NC 2012 Roanoke Rapids, NC 2012 Roanoke Rapids, NC 2012 Raleigh, NC 2012 Hendersonville, NC 2012 Raleigh, NC 2012 Mt. Pleasant, SC 2012 2012

Karl Neubert Aaron Patterson Nicholas Quimby Taylor Resparc John Robinson Joseph Slepitza Tommi Timonen Aaron Ward Michael Woolford Tiia Ahonen Kyle Black **Jeffrey Campey** Kevin Daniel Kyle Keating Cayle Machek Ashley Massey **Richard McNeil** Mason Meekins Nathan Moslev Katharine Payne Tyson Pickard **Carter Rechtin** Garrett Rocco Johnathan Roesch Michael Lance Sanchez Jesse Shade Kyle Shepherd Tuomas Tatti Brandon Taylor Matthew Thomas Jacob Vrooman **Robert Wayland Clifton Willard** John Alexander Andrew Batten **Geoffrey Bogner** Kendre Burnett Jeremy Carter Daniel Dudley John Edwards Jason Fung Brandon Harrison Frederick Hobbs Hampton Howell Michelle Hudson William Jones Juha Kumpunen Kyle Leslie Evan Musten Caryn Peksa **Kimberly Phillips** Ashlev Schiffman **David Stenger** Scott Strednak Yik Shing Tung Lee Walters Jeremy Watson Joseph Badgett Daniel Boren Scott Conrad Westley Decker Adam Elhammoumi John Hall Joshua Helms Matthew Howey

Putnam Station, NY Lake Worth, FL Brookhaven, GA Greenville, NC Seabrook, TX Hampstead, NC Magnolia, AR Wilmington, NC Mooresville, NC Mascot, TN Lumberton, NC Willard, NC Norcross, GA North Augusta, SC Anderson, SC Philadelphia, PA Texarkana, TX Longview, WA Atlanta, GA Charleston, SC Stokesdale, NC Rome, GA Conway, SC Durham, NC Saint Augustine, FL Willis, VA Raleigh, NC Aberdeen, NC Evansville, IN Troy, NC Aiken, SC North Augusta, SC Franklin, TN Garner, NC Chocowinity, NC Jacksonville, NC Vass, NC Covington, VA Fuquay-Varina, NC Suffolk, VA North Augusta, SC Berlin, MD Austin, TX Trinity, NC Columbia, SC Savannah, GA Durham, NC Apex, NC Port Wentworth, GA Orange, TX Forest, VA Macon, GA Dothan, AL Florence, SC Jarratt, VA Raleigh, NC Pendleton, SC

Cary, NC

Laura Johnston Patrick Leasure Martin Lenski Nelessa Lewis Alexia Lipscomb **Christopher Moore** Niko Niemi Brvan Robison Ashley Rusnak Jared Saintsing **Miguel Sanchez** Nicholas Savage Maurice Savage Jesse Swanner **Reagan Tippens** Veli Vehvilainen Emily Walsh Scott Warren Stanton Wiggins Nathan Woods Kyla Wright Matthew Ashcraft **Rvan Barnes** Andrew Chatelain Grant Clark Kimberly DeOre Micah Doane Zecharias Fasica Jason Frizzell Lauren Glander Rohail Hada Jonathan Henley Samuel Hoeferkamp **Christopher Hopkins** Patrick Jenkins Remus Lee Robert Leonard Joshua Martin Joseph McDonald Matthew Meinzer Bobby Oalesby Katherine Oleson Joshua Pippin William Pittman Samuel Porter Diana Reese Anna Russell Matthew Skinner Benjamin Slaydon William Sydnor Eric Townson James Vislocky **Christopher Westerbeck** Emily Bohn Nicholas Brandquist Emilv Buhr **Roland Cady Bradley Cooper Bradley Davis** Madeleine Foster Steven Gillespie Kevin Hamm Luke Hansen Nathaniel Harmon

	0045
	2015
Pooler, GA	2015
Augusta, GA Franklin, NC	2015
Wilmington, NC	2015 2015
Cary, NC	2015
Natchitoches, LA	2015
Natolitoches, LA	2015
Fernandina, FL	2015
Savannah, GA	2015
Candler, NC	2015
Willow Spring, NC	2015
Atlanta, GA	2015
Sedley, VA	2015
Pooler, GA	2015
Cumming, GA	2015
	2015
Raleigh, NC	2015
Florence, SC	2015
Gibsonville, NC	2015
Wilmington, NC	2015
Baltimore, MD	2015
Marshville, NC	2016
Durham, NC	2016
Raleigh, NC	2016
Marcy, NY	2016
Alexandria, VA	2016
Danvers, MA	2016
Durham, NC	2016
Austin, TX	2016
Saint Louis, MO Tucker, GA	2016
Saint Augustine, FL	2016 2016
Charlotte, NC	2010
Raleigh, NC	2016
Concord, NC	2016
Apex, NC	2016
North Chesterfield, VA	2016
Elgin, SC	2016
Baton Rouge, LA	2016
Cary, NC	2016
Quinton, VA	2016
Catlett, VA	2016
Memphis, TN	2016
Raleigh, NC	2016
Angier, NC	2016
Atlanta, GA	2016
Chapel Hill, NC	2016
Florence, SC	2016
Franklin, VA	2016
Greensboro, NC	2016
Durham, NC	2016
Holly Springs, NC	2016
Dublin, GA Blenheim, SC	2016 2017
Kalamazoo, MI	2017
Rincon, GA	2017
Manteo, NC	2017
Raleigh, NC	2017
Greensboro, NC	2017
Sandy Springs, GA	2017
Kalamazoo, MI	2017
Tallahassee, FL	2017
Natchitoches, LA	2017
Charleston, SC	2017

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Durham, NC 2017 Asheville, NC 2017 Morrisville, NC 2017 Garner, NC 2017 Corvallis, OR 2017 Kingsport, TN 2017 Raleigh, NC 2017 Kinston, NC 2017 Leland, NC 2017 Wilmington, NC 2017 Newport, NC 2017 Wake Forest, NC 2017 Wake Forest, NC 2017 Greensboro, NC 2017 Easthampton, MA 2017 Wilmington, NC 2017 Summerfield, NC 2017 Raleigh, NC 2017 Waxhaw, NC 2017 Savannah, GA 2017 Tryon, NC 2017 Durham, NC 2017 Savannah, GA 2018 Belmont, NC 2018 Lake Jackson, TX 2018 Lafayette, IN 2018 Charlotte, NC 2018 Memphis, TN 2018 North Myrtle Beach, SC 2018 Timberlake, VA 2018 Charleston, SC 2018 Ocean City, NJ 2018 Richmond, VA 2018 Trent Woods, NC 2018 Charlotte, NC 2018 Aiken, SC 2018 Riverdale, MD 2018 White Pine, TN 2018 Dothan, AL 2018 Mercado Dublin, OH 2018 Savannah, GA 2018 New Bern, NC 2018 Sandston, VA 2018 Raleigh, NC 2018 Savannah, TN 2018 2018 Phenix City, AL Raleigh, NC 2018 Summerfield, NC 2018 Jamesville, NC 2018 Zebulon, NC 2018 Raleigh, NC 2018 Wilmington, NC 2018 Hillsborough, NC 2018 Raleigh, NC 2018 Littleton, NC 2018 Northampton, MA 2018 Knoxville, TN 2018 Littleton, NC 2018 Savannah, TN 2018 Chocowinity, NC 2018 Winterville, NC 2018 Charlotte, NC 2018 Raleigh, NC 2018 Raleigh, NC 2018 Arden, NC 2019

Russell Aryeetey Sanders Barnes Reagan Barnhill Abigail Cloney Nathaniel Combs Avery Conklin Austin Emery Ryan Faulconer Trevor Franklin Trevor Gamache Jeremy Gwiozdowski Andrew Hamrick Jeffrey Hunter **Michael Jones** Joshua Lambert Ryan Lee Lindsay Leonard Manon Macallister **Ravnier Medina Olivo** Samuel Melikian Alexander Moon Brooke Orr Aaron Register Matthew Rice **Jacob** Rooks Katherine Santoro Joshua Scott **Bailey Tebou Timothy Towers** Mary Wallace Alec Ward Jared Wolfe Kable Young Kristen Young Travis Baker Allison Brockman Matthew Burleson Nicholas Costello Thomas Dang Tanner Evans Marshall Farr Patrick Fazekas Matthew Frink Ayers Gilmore Winslow Gurney Meagan Harrison Allison Hellwig **Emilyann Howell** Lillian Humphries Peter Janecek Brandon Long William Maier **Daniel McAdams** Makayla Moore Evan Morris Kara Mullanev Zebadiah Murrav **Connor Nance Claudia Patterson Daniel Richardson Breonda** Snead Carson Snyder Nicholas Starrett Jonathan Swope Phoenix Tiller

Mooresville, NC 2019 Wilson, NC 2019 Natchitoches, LA 2019 Laurinburg, NC 2019 Raleigh, NC 2019 Minneapolis, MN 2019 Wilmington, NC 2019 Holly Springs, NC 2019 Wilmington, NC 2019 Summerfield, NC 2019 Broken Arrow, OK 2019 Aberdeen, NC 2019 Eugene, OR 2019 Cary, NC 2019 Concord, NC 2019 Cary, NC 2019 Hartsville, SC 2019 Pawleys Island, SC 2019 Pittsfield, MA 2019 Little Falls, NY 2019 Kingsport, TN 2019 Hartsville, SC 2019 2019 Prattville, AL Atlanta, GA 2019 Hickory, NC 2019 Portland, ME 2019 Trinity, NC 2019 Pooler GA 2019 Kannapolis, NC 2019 Harrisburg, NC 2019 Raleigh, NC 2019 Bossier City, LA 2019 Lynchburg, VA 2019 Wilmington, NC 2019 Holly Springs, NC 2020 Richmond, VA 2020 Savannah, GA 2020 Morrisville, NC 2020 Pawleys Island, SC 2020 Beachwood, OH 2020 Cornelius, NC 2020 Valdosta, GA 2020 Rocky Mount, NC 2020 Oak Ridge, NC 2020 Richmond, VA 2020 Blacksburg, VA 2020 Houston, TX 2020 Indian Trail, NC 2020 Kingsport, TN 2020 Greensboro, NC 2020 Nakina, NC 2020 Williamsburg, VA 2020 Banner Elk, NC 2020 Florence, SC 2020 Portland, ME 2020 2020 Denver, CO Reidsville, NC 2020 New London, CT 2020 Asheville, NC 2020 Jacksonville, FL 2020 2020 Cayce, SC Asheville, NC 2020 Raleigh, NC 2020 Wilmington, NC 2020 Raleigh, NC 2020

Megan Yang Brian Yanik Rukmini Arcot Allison Brame Audra Chenoweth Kathryn Clayson Thomas Cluen Terri Davis Aldo De Leon Resendiz **Trevor Hinshaw** Connor McCollum Michael McKenzie Haley Oakes Kadin Peterman William Schriefer **Riley Webb** Devin Wyatt

Newton, NC	2020
Asheville, NC	2020
Florence, SC	2021
Garden City, GA	2021
Salisbury, NC	2021
Glenview, IL	2021
Taylorville, IL	2021
Cary, NC	2021
Charlotte, NC	2021
Climax, NC	2021
Wilmington, NC	2021
Rock Hill, SC	2021
Lincolnton, NC	2021
Chapel Hill, NC	2021
Charlotte, NC	2021
Augusta, GA	2021
Winston-Salem, NC	2021

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