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COLLEGE OF NATURAL RESOURCES / NC STATE UNIVERSITY

TRADITION AND TRANSFORMATION



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	BOARD OF DIRECTORS	FACULTY PROFILES	12
COVER	BOARD OFFICERS	TAPPI FELLOWS INDUCTEES	14
	Advisory board	CORPORATE MEMBERS	16
	ROTATING DIRECTORS	CORPORATE CONTRIBUTORS	16
2	MESSAGE FROM THE PRESIDENT	LIFETIME GIVING SOCIETIES	16
2	PAST PRESIDENTS	INDIVIDUAL DONORS	17
4	CNR NEW DEAN -	COMMITTEE OF 100	17
r	DR. MARY WATZIN	FOUNDERS	18
5	MESSAGE FROM NEW EXECUTIVE DIRECTOR – MS. JENNIFER PIERCY	ENDOWED SCHOLARSHIP	19
6	2011-2012 PAPER SCIENCE	CASH FLOW STATEMENT	20
7	ENGINEERING UPDATE	2011 FALL MEETING MINUTES	21
7	DECEMBER 2011 MAY 2011 GRADUATES PLACEMENT	2012 SPRING MEETING MINUTES	22
7	2012 INTERNSHIP CO-OP PLACEMENT	ALUMNI	24
8	2012–2013 SCHOLARSHIP RECIPIENTS	2012 ANNUAL REPORT COVER	
9	FOUNDATION SCHOLARSHIPS	The cover photo features the graduating	ng class of
10	WOLFPACK BABY PICTURES	1964 and Dr. Rojas' Fall 2012 Paper Properti (PSE 212).	
11	FOREST BIOMATERIALS FACULTY AND ADMINISTRATORS		

"PART OF OUR GLORIOUS TRADITION IS THAT WE HAVE BEEN TRANSFORMING ALL ALONG!"

- Jennifer Piercy

of



GREETINGS FROM RONNIE HISE TO ALUMNI, MEMBER-COMPANY REPRESENTATIVES, FACULTY, ADMINISTRATORS, STAFF, AND STUDENTS!

Can it be that a full year has gone by since I agreed to serve in this leadership role for the Foundation? I can recall the immediate feelings of inadequacy when I was asked to consider it. So much tradition, so many large shoes to fill over the history of this great organization! Thanks to all the folks who provided good advice and great help during this first year of my three year term!

Founded in 1954 (before I was born), the Foundation has done many, many good things, on behalf of this program and for the students and graduates, over the past 58 years. The mission of the Foundation has always been to help recruit the brightest and best high school students into the program, with the intent that many, if not most, would then work in this industry when they graduate. This is done primarily by raising money for scholarships, part of which comes from corporate members' dues, part from individual annual gifts, and part from Foundation endowments. Member companies also provide intern and co-op opportunities in mill operations and with vendor organizations, to help students get a better feel for the "real world."

Is this an antiquated model? Are we kidding ourselves that, in this global high-tech economy, young people will really want to work in a "bricks and mortar" industrial sector? Aren't they going to be more interested in doing something related to "environmental sustainability," focused on producing goods and services that consumers want and need, making a great salary? Wait a minute – I think I just described the paper industry, and the companies that provide goods and services to that industry: high-tech, global, environmentally sustainable, focused on meeting the needs of consumers, and among the highest paid graduates every year!

Introspection – a healthy exercise

We have an abundance of tradition, as noted above, and we

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are living in a transforming world. A healthy exercise for any organization is to challenge our mission and vision as a Foundation. Is our mission still viable and worthwhile? Are we doing the best we can with the resources we have been given? Where will this organization be in 10 or 20 years? We have convened an ad hoc committee to study and debate these and related questions and bring back recommendations to the Advisory Board. That effort should be completed in time for our Spring 2013 Foundation Meeting.

Lots of things have changed for our industry since the Foundation came on the scene. There are fewer and larger companies due to mergers and acquisitions, many companies have global operations; MANY more regulations and laws exist now with which we must comply, global competition has dramatically increased, energy costs are higher, much more automation exists, and there are many new computer-based applications and tools available. Many things HAVEN'T changed: our industry's primary raw material (wood) is still a renewable natural resource, mills are still located primarily in rural areas, mill operations still require coordination across many departments with (literally) lots of "moving parts" and heavy equipment, operating economically and efficiently still requires sound engineering knowledge and thought-processes; and driving innovation is as important today as it has ever been. Is the Foundation still focused on "the right things" and using all the right tools? That's what we will be challenging and discussing.

What are we focused on achieving for the coming year?

Along with an introspective look at our mission and vision for the future, the Foundation is focusing on three tactical areas: (1) (re-)engagement of alumni and corporations, (2) making sure we're addressing the future needs of the industry and the students coming through this program, and (3) the structure of the Foundation (governance, committees, etc.).

Re-engaging with Alumni and Corporations

We are very pleased and excited to welcome Jennifer Piercy (Class of 1994) as our new Executive Director of the Foundation! While her duties will include all three areas, a primary emphasis will be on re-engaging with our roughly 1500 alumni and encouraging them to "get involved." Similarly, we will be reaching out to existing companies to renew their commitments and recruiting new companies to join the Foundation. There are many companies, especially equipment vendors and suppliers, who benefit greatly from hiring our graduates but aren't members. We're working on developing a marketing strategy that succinctly defines and explains the "value proposition" for the PSE program and our Foundation.

Addressing the Future Needs of the Industry and the Students

Does the existing program adequately address the changes affecting our industry that were mentioned earlier? Are we equipping these graduates to be competitive in the jobs marketplace, not just with "book skills" but with leadership skills and good work ethics? Our numbers would suggest that we do. Can we do better? Of course! The Foundation has traditionally played an important role in bringing to faculty and administrators suggestions for introducing new topics and courses to the curriculum and by providing perspective on global trends. The Foundation has also helped identify opportunities for summer, fall and spring co-op and intern positions where students develop leadership skills and really learn what roles they might play when they graduate. Over the next year or two, we will be assessing how we can do an even better job and further strengthen the ties between the university and the industry to make sure we are turning out the best qualified candidates for jobs.

Structure of the Foundation

The Pulp and Paper Foundation is still adjusting to a major shift that occurred three years ago when the NC State Natural Resources Foundation, Inc. was formed. The main difference is that we are no longer actively managing an endowment. This allows us to focus exclusively on executing our primary mission of recruiting high school students via our scholarship program and providing industry feedback regarding the curriculum. Do we have the right structure in place? Are all the right committees in place and working on the "right things?" Is our meeting structure and timing still appropriate? We will be testing and discussing these and other issues in the coming year. We encourage you to come alongside us, help us answer these questions and guide our transformation in the coming years. As always, thank you for your support and contributions to our outstanding program and foundation!

Best wishes for a profitable and rewarding year!

Ronnie Hise, Ph.D. President NC State Pulp & Paper Foundation

PAST PRESIDENTS

E.J. Gayner III *	1952 – 1955
Dwight Thomson	1955 – 1957
Sture G. Olsson *	1957 – 1959
Charles S. Huestis *	1959 – 1961
Charles E. Hartford *	1961 – 1963
H.Y. Charbonnier *	1963 – 1965
E.H. Graves *	1965 – 1967
R.E. Phinney *	1967 – 1969
R.J. Leahy *	1969 – 1971
F.B. Schelhorn	1971 – 1973
M.L. Boinest Jr. *	1973 – 1975
H.M. Reed Jr. *	1975 – 1977
L.H. Camp *	1977 – 1979
C.C. Peters *	1979 – 1981
J.M. Piette	1981 – 1983
Daniel O. Adams *	1983 – 1985
David L. Ashcraft	1985 – 1987
J. Robert Carpenter	1987 – 1989
J. Carter Fox	1989 – 1991
Robert C. Harrison	1991 – 1993
Joe K. Donald	1993 – 1995
Ted A. Owens	1995 – 1997
Jerry H. Ballengee	1997 – 1999
Richard B. Phillips	1999 – 2001
A. Ben Groce	2001 – 2003
Bob Harley	2003 – 2005
Jim Bowen	2005 – 2007
Lou Boos	2007 – 2009
David Hickman	2009 – 2011

* Deceased

DR. MARY WATZIN BECOMES THE NEW DEAN OF THE COLLEGE OF NATURAL RESOURCES

"There were many things that went into my decision to take this position, but one of the most important was the people. I saw a community, in the fullest sense of that word. I look forward to getting to know each and every one of you."

- Dr. Watzin



North Carolina State University Provost Warwick Arden announced in late June that Dr. Mary Catherine Watzin had been named dean of the College of Natural Resources. Watzin succeeds retiring dean, Dr. Robert Brown.

"I'm very pleased that Dr. Watzin will be joining us to lead the College of Natural Resources," Arden says. "She has demonstrated significant administrative leadership skills and experience, and brings a broad perspective on natural resources and the environment that will serve this highly regarded college extremely well moving forward."

Watzin, who is currently the dean of the Rubenstein School of Environment and Natural Resources at the University of Vermont will step into her new role on October 15, 2012. "I am deeply honored by the opportunity to lead NC State's nationally prominent College of Natural Resources," she said. "The college and the university have a bold vision for the future and I am inspired by the transformational change that is under way across the campus. Solutions to the challenges of today's world will come through new collaborations and the kinds of interdisciplinary teaching, research and global engagement that NC State is pursuing. I am very excited to join this effort."

An expert in marine sciences, aquatic ecology and management, Watzin has served as dean of the Rubenstein School since 2009 and as professor since 2005. Before becoming dean, she founded and directed the University of Vermont's lakefront ecosystem science laboratory, which also oversees the university's research vessel and collaborates closely with an adjacent science center and aquarium. A prolific scholar and noted speaker, Watzin has authored and co-authored more than 60 refereed journal articles and book chapters and more than 45 refereed technical reports and other publications. For the last decade she has presented local talks on research and environmental topics of interest to her community.

Watzin received her bachelor's degree in marine science from the University of South Carolina in 1978 and her Ph.D. in marine sciences from the University of North Carolina at Chapel Hill in 1984. After receiving her Ph.D., she worked as an ecologist for the National Wetlands Research Center, part of the U.S. Fish and Wildlife Service, in Slidell, La.

"We look forward to welcoming Dr. Watzin back to North Carolina and assisting her transition in any way we can," said Pulp & Paper Foundation President Ronnie Hise. "Our foundation and its membership have always maintained a positive relationship with the PSE Program, the College of Natural Resources and the University. We expect that to continue under Dr. Watzin's leadership and are honored that she recognizes the sense of community and relationship we all strive to achieve."

The future looks very bright for the Paper Science and Engineering Program at NC State. We look forward to partnering with Dean Watzin in her efforts to leverage the traditional strengths of the college and to position CNR as the nation's most comprehensive and impressive natural resources college.

MS. JENNIFER PIERCY NAMED NEW EXECUTIVE DIRECTOR OF THE PULP • PAPER FOUNDATION



"It's hard to believe that almost 25 years ago I was pondering the endless opportunities for my college education. I must have had over 15 applications in the works when I met John Pritchard (NCSU '68) at a local recruiting event in Western, KY. I was so energized and excited about the Pulp & Paper program, the dual degree option, and the scholarship opportunities that I accepted admission to NC State before I ever stepped foot in the state of North Carolina! Having just met the incoming freshman class, I can heartily say that this type of excitement is ever-present and on a much grander scale! Our tradition is one almost 60 years strong and growing!"

- Jennifer Piercy

As the new Pulp and Paper Foundation Executive Director, I can't even begin to put into words what a privilege and honor it is to accept this role. I am a PPT/CHE dual degree holder from the class of 1994. My experiences include 8 years in the paper industry; 5 years in higher education; and 5 years as a small business owner. I have worked with high school students, undergraduate and graduate students, alumni, corporate recruiters and industry members during this time. Not only am I excited to see all these skill sets come together in what I have deemed as "the perfect role" for me; but it is for the Pulp & Paper Program and NC State! These are both things that are near and dear to my heart. I feel an immense sense of pride in this role. I am committed to continue our strong tradition while at the same time transforming us to reach new horizons.

You will hear the university (and our foundation) talk a lot about the 125th anniversary theme of "Tradition and Transformation". Our program has deeply rooted traditions and some things never change. I loved seeing many of the same faculty members who spent countless hours teaching and mentoring me; the same building; the same "baby" paper machine; the same smell (which we industry folks don't mind a bit). The transformation is also very apparent with additional faculty ready to share and mentor; upgraded labs and classrooms; a new student lounge; more technology and students who will knock your socks off! Part of our glorious tradition is that we have been transforming all along! In the coming months, I will be working with the Foundation board, members and committees to define our short and long term goals. We will focus our efforts to meet these goals. After a trend of spending cutbacks for almost 4 years, we're beginning to spend money as annual giving increases. We have already begun increasing scholarship funds with a goal of adding \$100,000 in 4 years to these funds. We will challenge our alumni to become more involved and partner with us in new ways to provide more support for our students than ever before! We will recruit and retain high achieving students inside and outside of North Carolina to produce the best product available anywhere in our marketplace! Our foundation will become one of significant contribution to the program, the students and industry and companies it serves!

Our industry is essential to our society. Natural resources are sustainable and renewable. On these principles NC State and the Pulp & Paper Foundation have built a rock solid tradition. It is on these very same principles that we will remain focused as we transition into a new and exciting era. I am beyond honored to serve in this capacity. I can't wait to get out and meet our fabulous alumni, friends and industry supporters. I will leave you with a recent quote I made to some foundation and faculty members: "I feel a tremendous obligation (in a healthy way) to take the Foundation and Program in the positive direction that it deserves; worthy of all the hard work that industry leaders, staff and faculty have put into it over the years!"

"I LOOK FORWARD TO MEETING AND RECONNECTING WITH EVERYONE SOON!"

6 2011-2012 PAPER SCIENCE © ENGINEERING UPDATE

This was another year full of challenges...and successes. Continued budget cuts and the unprecedented loss of some support positions stretched departmental resources thin. The loss of recruiter Katie McIntyre, and the time it took to replace her, added to the concerns about recruiting for the upcoming year.

And yet, even with these considerable challenges, the key results for the year were overwhelmingly positive: A) 26 graduates, most with multiple job offers – 100% placement; B) a large incoming freshman class, with 33 students. These numbers maintain NC State's position as the largest US program awarding a specific degree in Paper Science & Engineering.

Permanent job offers were abundant, with many students receiving up to 6 offers from manufacturers and suppliers. Of the 26 graduates, 20 (77%) accepted offers in the paper and allied industries, while 6 accepted offers in other industries.

Co-op positions continued to be plentiful, with more positions open than there were students to fill them. More and more students are doing at least one co-op rotation, with an increasing number doing so in the sophomore year. Summer internships, while still not available at the pre-recession level, were much improved. Most upperclassmen seeking an internship were able to obtain one, and 8 out of the 33 incoming freshmen were placed into internships.

The success in freshman recruiting was due in part to the early work done by Katie, and, we suspect, to the pervasive message that the PSE degree carries with it the promise of a job. In fact, when some freshmen were asked why they applied to PSE, they said "because we heard that you can get a job." In a tough economic climate, that message resonates!

The diversity of the freshman class was impressive -36% female and 21% under-represented populations. Even more impressive was the fact that most of these students were retained after the first year. We continue to focus on improving the diversity of our student body.

On-campus recruiting continues to add to the PSE undergraduate enrollment figures. Ten additional students from other programs on campus joined PSE in the spring semester.

The Foundation has expressed an interest in restoring the proportion of out-of-state students in the program to the levels of years past (approximately 20%). To this end, the "Paper Super Scholars" scholarship program again proved to be a valuable tool. Approximately 80 applications were received for this full-ride scholarship, from students in a variety of states. Overall, the qualifications of these applicants were amazing. The Scholarship Committee selected nine finalists to attend PULP PAPER FOUNDATION ANNUAL REPORT 2012

2011-2012 Year in Summary Number of Graduates: 26 Job Placement: 100% Average Salary: \$65,000 Incoming Freshman (Fall 2011): 33 Transfer Students Added: 10

an on-campus interview event. Six students accepted. From that group, one student – Steven Gillespie of Chester, VA – was selected to receive the full ride. The other finalists were offered awards ranging from \$2500 to \$5000 per year. Five of the six offers were accepted. When combined with other out-of-state admissions, the incoming freshmen class for the fall of 2012 will have 18% of its students from outside of NC.

Recruiting for the upcoming year (2012-2013) has yielded one of the largest incoming classes in recent years – 34 new PSE students!

The ground-breaking Transatlantic Paper Science (TAPS) degree program reached an important benchmark in 2012 with the awarding of an NC State paper science and engineering degree to two students from the EU that studied with us in 2010-2011. The students also received a degree from their home institutions. It is expected that five NC State PSE students will likewise receive a second degree from the EU when they finish their studies in May 2013. Two more PSE students are currently studying abroad in the TAPS program, and five more will go out this fall. This amazing program is helping to increase the global knowledge of our students.

The departure of recruiter Katie McIntyre presented a challenge. After significant internal discussions, it was decided to change the position from one primarily dedicated to recruiting to one that also focuses on industry contacts/outreach, program publicity, and alumni relations. When we posted the position opening for this "Director of Program Enhancement," we were amazed to get applications from five program alumni. The position has now been filled by Jennifer Piercy (PPT/CHE 1994), and we hope that all of you will get to meet her in the upcoming months.

We were sad to say goodbye to senior lab technician Linda McMurray (early retirement), who had provided strong teaching lab support for over 20 years. But we are glad to welcome her replacement, Beverly Miller. Beverly has extensive laboratory experience in the pulp and paper industry, most recently with MeadWestvaco at the research center in Raleigh.

Our thanks to the alumni, friends, and supporters who help us achieve our mission. We will continue to provide a strong focus on the core pulp and paper industry, while keeping an eye on innovation and new products that will sustain us in the future.

STUDENT PLACEMENT 7

"Due to the accreditation of the program and numerous internship opportunities, I was able to do a co-op with Packaging Corporation of America in Valdosta, GA after my freshman year. I am working in the Pulp and Paper Laboratories as a Service Technician, learning about a variety of testing methods and effects of cooking variables on different substances. I gained a great amount of experience that will benefit my professional career after graduation."

- Patrick Leasure

DECEMBER 2011 © MAY 2012 GRADUATING SENIOR PLACEMENT

Rahat Ashique Peter Chen Jonathan Dew Brandion Dillard John Donnelly Brian Fanning Kelly Fitzwater David Froggatt Nick Hale Cedric Harville Greg Hollis Sonja Jones Stephen Kaminskas Yashar Kasebi Jeremy Liles Kyle Lindsey Maria Luna Ryan Oliver Aaron Patterson Jamie Pye Taylor Resparc John D. Robinson Jessica Rogers Kolby Stockton Alyson Wade Aaron Ward

Temple Inland **Considering Several Offers** Weyerhaeuser PCS Phosphates Rayonier Domtar GE Hitachi Nuclear Energy International Paper Kapstone Paper General Electric Temple Inland Nalco International Paper New Page Paper AKG of America Rayonier International Paper Sonoco Internaional Paper Rayonier EDT Kapstone Paper International Paper Domtar International Paper International Paper

Maysville, KY Vanceboro, NC Aurora, NC Jesup, GA Kingsport, TN Wilmington, NC Riegelwood, NC Roanoke Rapids, NC Greenville, NC Orange, TX Naperville, IL Riegelwood, NC Wickliffe, KY Mebane, NC Fernandina Beach, FL Georgetown, NC Richmond, VA Ticonderoga, NY Fernandina Beach, FL Norcross, GA Charleston, SC Augusta, GA Bennettsville, SC Springfield, OR Riegelwood, NC

2012 SUMMER INTERNSHIPS 5 CO-OP COMPANY PLACEMENT

Albemarle Corporation	Houston, TX	1
Ashland	Appleton, WI	1
BASF	Charlotte, NC	1
Buckeye Technologies	Perry, FL	2
Carolina Biological	Burlington, NC	1
Cascades Tissue Group	Rochingham, NC	1
Domtar	Ashdown, AR	1
Domtar	Bennettsville, SC	8
Domtar	Plymouth, NC	1
Domtar	Kingsport, TN	2
EDT	Norcross, GA	1
Eka	Catawba, SC	1
Eka	Raleigh, NC	1
ExxonMobil	Baytown, TX	1
First Quality Tissue	Anderson, SC	4
Greif	Amherst, VA	1
Highland Industries	Cheraw, SC	1
Hitachi Metals	China Grove, NC	1
International Paper	Eastover, SC	2
International Paper	Mansfield, LA	1
International Paper	Orange, TX	1

*This listing represents the total number of student placements as reported by the students

GRADUATING SENIORS, CLASS OF 2012



FRESHMAN SCHOLARSHIPS



Michael Bailey Lumberton, NC



Roland Cady Manteo, NC



Jamie Caldwell Stanfield, NC



Andrew Chatelain Cary, NC



Grant Clark Raleigh, NC



Georgia Daniel

Pelham, NC

Madeleine Foster Frederick, MD



Emily Hunt Cornelius, NC



Steven Gillespie

Chester, VA

Grant Joiner Richlands, NC



Kevin Hamm

Kernersville, NC



Nathaniel Harmon Statesville, NC



William Mason Kinston, NC



Samuel Hoeferkamp

Wilson, NC



Hope Padgett Cary, NC



Steven Jones

Jefferson Pugsley Charlotte, NC



Charles Robertson Raleigh, NC



Jackson Russell Rocky Mount, NC



Clayton Sapp Mooresville, NC

Sarah Sassorossi Summerfield, NC



Kristina Sievers Charlotte, NC



Heather Starkey Vale, NC



James Vislockey Holly Springs, NC



John Willis Raeford, NC



Benjamin Slaydon Thomasville, NC



Raleigh, NC



Rebekah Smith





Ryan Barnes Durham, NC

Martin Lenski Franklin, NC

Nelessa Lewis Henderson, NC

Alexia Lipscomb Cary, NC

Mary Webb

Marion, NC

Joshua Helms Stanley, NC

UPPER-CLASS SCHOLARSHIP FOR FALL 2012

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M. Boinest Endowed Scholarship

Albany International Scholarship Albright & Wilson Endowed Scholarship Alonzo Aldrich Scholarship Arroyo Family Scholarship Asea Brown Boveri Endowed Scholarship Barlow Scholarship Binkley Memorial Scholarship Bob Menard Scholarship Boise Cascade Scholarship Brown & Root Scholarship C. Cline Peters Scholarship Caraustar Industries Endowed Scholarship Carol & Carter Fox Scholarship Cascades Tissue Group Scholarship Charles N. Rogers Scholarship Charles W. Coker, Sr. Endowed Scholarship Clariant Corporation for Chemical Studies Scholarship Class of 1966 Scholarship Continental Forest Industries Scholarship David & Doris Bossen Scholarship Dietrich V. Asten Scholarship Dr. Fred B. Schelhorn Scholarship Dr. Hou-min & Anne Chang Scholarship Drs. Li-Sho & Lee-Fun Chang Scholarship Dwight Thomson Scholarship E. E. Ellis Endowed Scholarship E.J. Woody Rice Family Scholarship EKA Chemical Scholarship Eric Ellwood Scholarship Erkine J. & Sue W. Brickhouse Scholarship Ernie & Beverly Alexander Scholarship Friends of Bill Cross Scholarship George Oakley Scholarship Georgia-Pacific Scholarship Harold Kamine Endowed Scholarship Harry Saunders Scholarship Hazard H. May Scholarship Heider Memorial Scholarship Hercules Employees Scholarship Hercules Incorporated Endowed Scholarship Hoelzle-Thornton Scholarship in Paper Science & Engineering Hunter Scholarship Endowment Inland / NC State Alumni Scholarship Inland Paperboard & Packaging Scholarship International Paper Scholarship International Paper NCSU Alumni Scholarship Irene Crisp Memorial Endowment J. Robert Carpenter Scholarship Jacob C. Belin Scholarship Jacobs Engineers Scholarship Jacque Moore Scholarship James A. Buzzard Scholarship James Piette Scholarship John A. Heitmann, III Endowed Scholarship John L. Moore Scholarship John Milton May Scholarship John R. Kennedy Endowed Scholarship Kemira Endowed Scholarship Kirk Semke Scholarship Lawrence H. Camp Endowed Scholarship

Matthew Howey Patrick Leasure Daniel Dudley Joe McDonald Kyle Black Kyle Leslie Kyle Keating Kendre Kesler Phillip Barker Jared Saintsing Scott Strednak Kelly Fitzwater Joseph Badgett Jeremy Carter Austin Dix Jason Fung Alysono K. Wade Alex Isenberger Jacob Vrooman Robert Wayland Jonathan Roesch Evan Musten Scott Warren David Stenger Joey Slepitza Joel Ruoth Cydney Anderson Ryan Anderson Jacob Vrooman Sean Bullock Kyle Keating Taylor Resparc Joey Slepitza Jonathan Dew Katherine Payne Maurice Savage Laura Johnston Martin Lenski Maria Luna Nicholas Savage Jason Frizzell Alexia Lipscomb Charles Southard Jonathan Henley Reagan Howard Katherine Marshall Caitlin Ho Aaron Patterson Joe McDonald Steven Hansen Michael Woolford

Lauren Moody

Nathan Mosley

Emily Walsh

Cayle Machek

David Froggatt

David Froggatt

Nelessa Lewis

Nathan Wood

Christopher Moore

Mark Alexander Endowed Scholarship MeadWestvaco Scholarship Metso Paper Scholarship Michael Sherman Scholarship Mitchell Scholarship Nalco Company Scholarship NCSU Pulp and Paper Freshman Scholarship Omnova Solutions Scholarship Paper Chase Scholarship Phillip B. Jackson Scholarship Phillips Family Scholarship Procter and Gamble Scholarship Ray Smith Endowed Scholarship Rector/Ashcraft Endowed Scholarship Richard Owens Scholarship Robert E. Mason Scholarship Robert Hitchings Endowed Scholarship Ronald Estridge Family Scholarship Shouvlin Family Scholarship Smith / ECC Scholarship Sonoco Alumni Scholarship Specialty Chemical Scholarship Specialty Minerals Scholarship St. Joe's Pape Scholarship St. Laurent Scholarship Stone Container Scholarship Sture G. Olsson Endowed Scholarship TAPPI Envirochase Scholarship Terry Cecil / JWI Group Scholarship Terry P. Charbonnier Endowed Scholarship Thermo Fibertek Scholarship Thiele Kaolin Company Scholarship Thomas S. Coldewey Scholarship Tidewater Construction Scholarship Turner Family Scholarship Union Camp Scholarship Virginia Fibre Corp. / Robert Macauley Scholarship Voith Fabrics Scholarship W. E. Hamilton Endowed Scholarship Weyerhaeuser Company Foundation Scholarship Will Lovin Endowed Scholarship William Bailey Scholarship William E. Caldwell Endowed Scholarship William Greig Scholarship William V. Cross/ Nalco Scholarship

Kelly Fitzwater Ashley Quick Madison Meekins Joey Slepitza Katherine Payne Matthew Howey Bryan Robison Phillip Barker Alex Isenberger Martin Lenski Alexia Lipscomb Charles Southard Miguel Sanchez Matthew Skinner Ryan Barnes Caitlin Ho Nelessa Lewis Alexia Lipscomb Deaven McLean Mary Webb Nathan Woods Patrick Leasure Scott Conrad Stanton Wiggins Katherine Payne Kevin Daniel Jessica Rogers Michelle Blood William Sydnor Kendre Kesler Evan Musten Jared Saintsing Deaven McLean Mary Webb Ryan Anderson Jacob Vrooman David Froggatt Michael Woolford Michael Woolford Kelly Fitzwater Kim Phillips David Froggatt Jared Saintsing John Edwards John Edwards Adam Elhammoumi Ashley Massey Christopher Westerbeck Mitchell Jones Kyle Lindsay Kolby Stockton Madison Meekins Geoffrey Bogner Caleb Hill

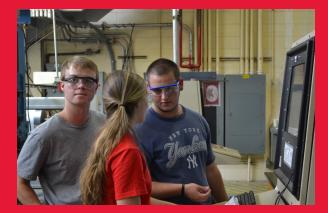
*Foundation awards are funded from endowed scholarships and annual corporate and individual contributions

10 WOLFPACK BABY!



College is more than just time spent in a four-walled classroom. It's about time spent learning about what's inside you and what makes you! NC State is the definition of personal development!

- Elijah Gore II



2ND YEAR STUDENTS MAKING PAPER ON THE WOLFPACK BABY







FACULTY 11

FOREST BIOMATERIALS FACULTY



Dr. Stephen Kelley Department Head



Dr. Drimitris Argyropoulos

Dr. Sudipta Dasmohapatra

Dr. Martin Hubbe

Dr. Richard Lemaster



Dr. Medwick Byrd

Dr. Joe Denig

Dr. Hasan Jameel

Dr. Lucian Lucia





Dr. Vincent Chiang







Dr. Michael Kocurek



Dr. Sunkyu Park



Dr. Richard Phillips





Dr. Perry Peralta







Dr. Elisabeth A. Wheeler Professor Emeritus

Dr. Richard J. Thomas Professor Emeritus Dr. Larry W. Tombaugh Dean Emeritus

FACULTY

EMERITUS

Dr. Robert Brown

Dr. Hou-Min Chang

Professor Emeritus

Dr. Eric L. Ellwood Dean Emeritus

Robert G. Hitchings Professor Emeritus Dr. Larry Nielson Dean Emeritus Dr. Heinz G. Olf Professor Emeritus * Dr. Richard Preston

* Dr. Richard D. Gilbert Professor Emeritus * Dr. Josef S. Gratzl Professor Emeritus

ADMINISTRATORS

Dean, College of Natural Resources

* Deceased

Dean Emeritus

FOUNDATIONS G DEVELOPMENT

Jennifer Piercv Executive Director Pulp & Paper Foundation

David Ashcraft Executive Director NC State Natural Resources Foundation

Jennifer Viets Associate Director NC State Natural Resources Foundation

Patti Woodbury Program Manager NC State Natural Resources Foundation

Gus Cottros Development Officer

Ernie Alexander Development Officer

Dr. Orlando Rojas

Dr. Joel Pawlak

Dr. Daniel Saloni

Dr. David Tilotta

Dr. Richard Venditti



Dr. Ronalds Gonzalez

Dr. Adrianna Kirkman

Dr. Philip Mitchell

Dr. Ilona Peszlen

Dr. Hou-Min Chang

Dr. Dimitris S. Argyropoulos

Professor, Finland Distinguished Professor

Ph.D. McGill University Montreal

His research interests are centered around the organic chemistry of wood components with emphasis on the development on new Forest-based Advanced Materials. Current research in his group includes the development of novel processing platforms (ionic liquids), oxidation chemistry, and catalysts for the synthesis of bio-based monomers, polymers, and solvents. He teaches Wood Chemistry.

Dr. Medwick V. Byrd

Teaching Associate Professor

Ph.D. North Carolina State University

His research interests are mechanical pulping, chemical pulping and bleaching, and non-wood pulping. Other areas of his research and technical services are agricultural fibers and biomass. He teaches Pulping and Papermaking Technology, the Project design and Analysis, and an almost infinite number of E101 sections.

Dr. Hou-Min Chang

Reuben B. Robertson Professor Emeritus

Ph.D. University of Washington

His research interests are in the chemistry of lignin, chemical processing of wood, chemistry of pulping and bleaching processes, production of energy products from biomass, and chemical and morphological characterization of wood as related to tree breeding and transgenetic trees.

Dr. Vincent Chiang

Jordan Family Distinguished Professor for Natural Resources Innovation; Co-Director, Forest Biotechnology Group; Ph.D. University of Washington His research interests are chemistry, biochemistry, and molecular biology of lignin biosynthesis with a focus on systems approach; cellulose and hemicellulose biosynthesis; functional genomics and genomic reconstruction for wood formation.

Dr. Sudipta Dasmohapatra

Assistant Professor

Ph.D. The Pennsylvania State University

Her research interest is in the area of forest products business and analytics, including strategic management, marketing, supply chain management, perceived value, and emerging markets.

Dr. Joe Denig

Professor and Departmental Extension Leader

Ph.D. Virginia Polytechnic Institute and State University

He provides educational programs and technical assistance to the primary manufacturing wood products industry in North Carolina with emphasis on sawmills. Major program areas include log breakdown and lumber optimization, quality control, thin kerf sawing, equipment and mill layout, and lumber drying.

Dr. Ronalds Gonzalez

Assistant Professor

Ph.D. North Carolina State University

Dr. Gonzalez uses his skills in supply chain, conversion simulation & economics, and business models to identify the most profitable way to convert a given feedstock into a desired product. Products of interest include pulp and paper, wood and energy products, with a focus on opportunities for integration between these different conversion processes. His analyses allow identifying opportunities, risks and tradeoffs.

Dr. John A. Heitmann, Jr.

Professor

Ph.D. Institute of Paper Chemistry

He is a specialist in papermaking science. His research interests are recycled fibers, biotechnological applications to papermaking processes, wet end chemistry, and other aspects of papermaking. He teaches Paper Process Analysis, and Pulp and Paper Unit Processes I.

Dr. Martin A. Hubbe

Buckman Professor

Ph.D. Clarkson University

His research is based on the fundamentals of physical chemistry and biomass surfaces, and applied to electrokinetics, drystrength development, and effects of polyelectrolytes on the papermaking process. He teaches Wet-end/Polymer Chemistry.

Dr. Hasan Jameel

Elis and Signe Olsson Professor Ph.D. Princeton University

His research interests are pulping and bleaching processes, process modeling and simulation, biofuels production and integration, and black liquor gasification. He teaches Pulping Process Analysis and Pulp and Paper Unit Processes II

Dr. Stephen S. Kelley

Professor and Department Head

Ph.D. Virginia Polytechnic Institute and State University

His research work is focused on the development and characterization of bioenergy, and biomaterials. In the bioenergy arena he works to develop improved analytical tools and processes for the production of liquid fuels and other products. In the biomaterials arena he develops polymer blends and cross-linked materials that are useful for membranes and composites.

Dr. Adrianna Grant Kirkman

Professor and Associate Dean

Ph.D. North Carolina State University

Her research interests are process analysis, mathematical modeling and simulation. She teaches Process Design and Analysis Laboratory.

Dr. Michael J. Kocurek

Professor Emeritus Ph.D. College of Forestry at Syracuse University Dr. Kocurek is a TAPPI Fellow. His areas of expertise are Paper Properties, and Pulp and Paper Technology.

Dr. Richard L. Lemaster

Research Professor - Director of the Wood Machining & Tooling Research Program - Ph.D. North Carolina State University

He is an expert in the fields of wood machining, process monitoring, surface finish evaluation, as well as non-destructive evaluation (NDE). He research interests also include applying his NDE experience to wood frame housing.

Dr. Lucian A. Lucia

Associate Professor

Ph.D. University of Florida

His research is focused on developing renewable and biocompatible scaffolds for tissue engineering, generating biocomposites, synthesizing renewable materials based on lignin and polysaccharides, and enhancing the use of wood. He teaches Green Chemistry.

Dr. Philip H. Mitchell

Associate Professor

Ph.D. Virginia Polytechnic Institute and State University

He provides educational programs and technical assistance to the value-added manufacturing wood products industry in North Carolina with emphasis on the furniture and cabinet industries.

Dr. Sunkyu Park

Assistant Professor

Ph.D. North Carolina State University

His research focuses on the bioenergy production from lignocellulosic materials. Current research interests include the investigation of biomass recalcitrance affecting enzymatic action efficiency, development of novel pretreatment process, and process simulation of bioenergy production. He teaches Bioenergy and Biomaterials Engineering.

Dr. Joel Pawlak

Associate Professor and Interim Associate Dean

Ph.D. College of Environmental Science and Forestry at Syracuse University His research interests include new materials from natural polymers, micro-cellular foams, organic/inorganic composites, 100% natural composites, and the physical behavior of paper. His teaches classes in the areas of paper physics, forest biomaterials physics, and product design. He teaches Paper Properties, and Paper Physics and Product Design.

Dr. Perry Peralta

Associate Professor

Ph.D. Virginia Polytechnic Institute and State University

His research interest is in the area of wood physics, including transport phenomena in wood and wood composites, woodmoisture relations, and lumber drying. His current research projects include the evaluation of the visco-elastic properties of genetically engineered wood.

Dr. Ilona Peszlen

Associate Professor - Director of Graduate Programs

Ph.D. Virginia Polytechnic Institute and State University Her research emphasis is in juvenile and reaction wood, environmental effects on and genetic improvement of wood

quality, and the properties and utilization of plantation wood.

Dr. Richard Phillips

Executive in Residence

Ph.D. North Carolina State University

His research is focused on the technical and economic evaluation of biomass conversion processes. He teaches Paper Industry Strategies and Project Analysis.

Dr. Orlando J. Rojas

Associate Professor, Finland Distinguish Professor, Aalto University PhD. Auburn University

His research focuses on colloid and surface science and the adsorption behaviors of surfactants and biopolymers at solid/ liquid interfaces. His group currently works on the dynamics of enzymatic degradation; biosensor development; friction and adhesion in polymeric interfaces; adsorption dynamics and, the separation, derivatization and use of natural polymers and surfactants. He teaches Paper Properties.

Dr. Daniel E. Saloni

Assistant Professor

Ph.D. North Carolina State University

He has specialized in the area of supply chain, manufacturing and process improvement for the forest products industry, including biomass supply chain, techno-economic analysis on energy densification and torrefied materials, and life cycle analysis.

Dr. David C. Tilotta

Professor

Ph.D. Kansas State University

His research interests include the chemical contamination and decontamination of wood and the development of analytical methodology for the detection of organic and inorganic components in wood.

Dr. Richard A. Venditti

Professor

Ph.D. Princeton University

Research interests include novel processing and applications for cellulose, lignin and other forest biomaterials; lignocellulosic feedstocks to produce biofuels; efficient paper recycling processes and life cycle analysis. He teaches Process Control and Life Cycle Analysis.

14 TAPPI FELLOWS

NC STATE'S PAPER SCIENCE © ENGINEERING PROGRAM NOW HAS SIX TAPPI FELLOWS

"I am honored to receive this prestigious award and would like to thank TAPPI for it's recognition of outstanding faculty and industry contributors at NC State and beyond."



- Dr. Richard Venditti

Each year, the Association elects members as TAPPI Fellows in recognition of meritorious service to the Association and the industry. In 2012, Dr. Richard A. Venditti was elected as a TAPPI Fellow, joining TAPPI Fellows and NC State faculty Drs. Hou-min Chang, Martin A. Hubbe, Hasan Jameel, Michael J. Kocurek, and Richard B. Phillips.

Dr. Richard A. Venditti

Dr. Venditti's election was based, in part, on his contributions to automatic sorting of wastepaper through the development of a lignin sensor that is now utilized in the most modern automated paper sorting equipment (MSS Sorting Equipment). Additionally, his work on recycled paper and 'stickies' behavior has been instrumental in understanding the detection/removal/ separation of stickies. Venditti was an important contributor to the multiinstitutional stickies detection round robin testing. He has directed, lectured and taught labs in the highly ranked TAPPI/NCSU Hands On Workshop for Pulp and Paper Basics, which has taught more than 700 industry professionals since 1996. The course brings much needed hands-on training to the paper industry workforce. Both his teaching of NCSU and industry short course students has helped provide better trained, highly motivated and loyal employees to the industry.

In 2001, he was awarded The Investigator of the Year Award by the AF&PA Containerboard Group Technical Division for his research in paper recycling. In 2009, he received a Fulbright Senior Specialist in Environmental Science for travel to South Africa and in 2010, was awarded the Association for the Concerns of African American Graduate Students Advocacy Award at NCSU. In addition, the program has five other TAPPI Fellows who have all made far-reaching, high impact contributions to technology and education for the pulp and paper industry.

Dr. Michael J. Kocurek

In 1985, Dr. Michael Kocurek, Professor Emeritus, was elected for his contributions to TAPPI, and as an academic leader and research manager. Dr. Kocurek has taught over 3,000 industry operators and professionals at over 50 paper industry corporations, government and other organizations; in addition to his teaching of undergraduate and graduate students since 1970. Mike has taught TAPPI's oldest and most highly ranked short course, "Introduction to Pulp & Paper" for over 34 years.

Prior to joining NC State, he served as Paper Science Department Head at the University of Wisconsin-Stevens Point, an academic program he founded. He also served as Executive Director of the Herty Foundation, where he oversaw a \$27 million modernization of the laboratory, creating the largest pilot scale P&P and advanced fiber development center in the US.

In addition to being a TAPPI Fellow he has been honored with the TAPPI Distinguished Service Award, and induction into the Paper Industry International Hall of Fame – an honor bestowed on individuals who have made preeminent contributions to the global paper industry.

Dr. Hou-min Chang

In 1999, Dr. Hou-min Chang, Professor Emeritus, was elected as a TAPPI Fellow for his contributions as a researcher and educator in the areas of pulping and bleaching chemistry, lignin biodegradation chemistry and the biological treatment of ligninderived wastewaters. His studies in the chemistry of pulping and bleaching have included oxygen delignification and bleaching reactions, characterization of residual lignin, anthraquinone pulping, extended delignification, and chlorinefree bleaching processes. He has been a pioneer in investigating "oxidative extraction" to improve bleaching efficiency. He continues to serve the Paper Science and Engineering Program by training and supervising graduate students and research projects, and contributing his tremendous chemical insights to a wide variety of pulp and paper, and bioenergy research projects.

In addition Dr. Chang was honored by North Carolina State's Alumni Association with an Outstanding Research Award (1985) and held the Reuben B. Robertson Professor of Pulp and Paper from 1990-2005.

Dr. Richard B. Phillips

In 2002, Dr. Richard B. Phillips, Executive in Residence, was elected for his work at International Paper as a manager of chemical process technology, and Vice President and Director of process technology. He managed research and development, product development, engineering, and mill technical services for over 32 years. When he retired in 2006, he joined the Paper Science and Engineering program at NC State where he has taught classes, supervised graduate students and research projects, and contributed his financial and engineering skill to a wide variety of pulp and paper, and bioenergy projects.

Dr. Hasan Jameel

In 2007, Dr. Hasan Jameel, Ellis Signe Olsen Distinguished Professor, was elected for his exceptional contributions to pulping, bleaching and recycling. He worked for International Paper for 8 years where he led the installation of the first commercial MC bleaching system, and studies on ECF bleaching and pulp yield. At NC State he studied chlorine dioxide bleaching, pH profiling and methods for controlling metals profiles. He also led the development of the distance education master's program in Paper Science, the first of its kind, which still provides educational opportunities to students from around the world.

In 2005, he won the TAPPI Pulping Division Technical Award and the C.F.C. Richter Prize for outstanding contributions. He also won the Wetherhorn Prize for his contributions to pulping and bleaching processes. He has also been selected as a NC State Outstanding Teacher (1990, 2005) and as a NC State Outstanding Advisor (2006).

Dr. Martin A. Hubbe

In 2010, Dr. Martin Hubbe, Professor and Buckman

Distinguished Scientist, was elected for his contributions to the charge-related properties of fiber furnish, development of the science and technology relating to paper dry-strength, optimization of retention aids, and chemical process to promote dewatering. In these areas he has achieved international recognition as an innovative researcher and an important contributor to the development of fundamental science and applied technology.

Hubbe has provided meritorious service to TAPPI including contributions as the Director of the TAPPI courses "Introduction to Wet End Chemistry" and "Cost Saving Strategies in Papermaking Chemistry" from 1999 to 2005. Realizing the considerable cost of both presenting and attending an off-site course, Martin Hubbe helped convert the latter course material into a text-book that is now available through TAPPI Press. Starting in the 1990s, and continuing through the present, he served on the Papermaking Additives Committee of the Paper and Board division. Through this committee he has served twice as a conference track manager, multiple times as a session chair, and has also made scientific presentations at numerous conferences.



STUDENT TAPPI STUDY ROOM

16 PAPER SCIENCE © ENGINEERING CONTRIBUTORS

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* Deceased



Katie Payne (left) and Michelle Blood (right) in front of Rayonier Fibers Mill in Jesup, Georgia

"I joined PSE in 2008 after being recruited at a dinner in West Point, Va. The energetic Med Byrd spoke about the "Golden Ticket" dual degree of Paper Science and Chemical Engineering. I was sold, accepting a fullride scholarship. I have taken advantage of many opportunities ever since - 3 summer internships (the first in Mississippi after my freshman year earned me enough money to be nearly self-sufficient!); a \$12,000 scholarship to study in Europe for a year (taking classes that counted towards my graduation!); and a paid research opportunity with a PSE professor. I am always amazed at how much time and effort the teachers and staff invest into making sure that we are educated, well-rounded students. Because of the paper science and engineering program at NC State, I have a great education, real experience, and many friends!"

- Katie Payne

I would not be where I am today without receiving a Foundation scholarship. The scholarship made it possible for my family to afford out-of-state tuition so I could earn the PSE degree. I have been working in the paper industry for about 7 years now and can honestly say that I love my job! I look forward to many more years in the industry, and am very thankful for the opportunities the program has given me! This is why I set up a scholarship fund immediately upon graduation - to show my appreciation and give back to the program!

- Mary Ellen May Johnson

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Continental Forest Scholarship	1979
Weyerhaeuser Scholarship #1	1980
Harry H. Saunders Scholarship	1980
John R. Kennedy Scholarship	1981
Shouvlin Family Scholarship	1981
5 1	
Stone Container Scholarship	1979
Lawrence H. Camp Scholarship	1982
PaperChase Scholarship	1983
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Dr. Fred B. Schelhorn Scholarship	1983
J. Robert Carpenter Scholarship	1984
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International Paper Scholarship	1984
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Dietrich V. Asten Scholarship	1985
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International Paper/NCSU Alumni #1 Scholarship	1993
Ciba-Geigy Scholarship	1993
Valmet Scholarship (now Metso Paper)	1993
Class of 1966 Scholarship	1993
International Paper/NCSU Alumni #2 Scholarship	1994
Irving and Helen Haft Goldstein Graduate Fellowship	1994
Charles N. Rogers Scholarship	1994
Sonoco/NCSU Alumni Scholarship	
	1994
Thiele Kaolin Scholarship	1994
TAPPI Envirochase Scholarship	1994
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†Cecil Terry /JWI Group Scholarship	1995
John L. Moore Scholarship	1995
Asea Brown Boveri Scholarship	1995
Virginia Fibre Corporation/Robert C. Macauley Scholarship	1995
Jacqueline S. Moore Scholarship	1996
Dr. Hou-Min Chang Scholarship	1996
Bowater/NC State Alumni Scholarship	1996
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Bill Cross Scholarship	1996
†St. Laurent Paper Products Corp./NCSU Alumni	1996
Scholarship	1997
EKA Chemical Scholarship	1997
Albany International Scholarship	1997
Speciality Minerals Scholarship	1997
Kellogg Brown & Root Scholarship	1997
Jacobs Engineering Group Scholarship	1997
Inland/NCSU Alumni Scholarship	1997
Inland PaperBoard and Packaging Scholarship	1997
*Wes Smith Scholarship	1997
Homer Slick Lusby Scholarship	1997
Thermo Web Scholarship	1997
Kirk Semke Scholarship	1997
Magdalene Thompson Donald Scholarship	1997
William E. and Therese Smith/EEC International Scholarship	1997
Weavexx Scholarship	1998
Boise Scholarship	1998
OMNOVA Solutions, Inc. Scholarship	1998
*J. Robert Carpenter Scholarship	1998
Wm. (Scotty) Greig Scholarship	1999
†IP Riegelwood/NCSU Alumni	1999
Georgia-Pacific Scholarship	2000
Barre Mitchell Scholarship	2000
†The Phillips Family Scholarship	2000
William H. Billy Sprague Scholarship	2000
Hercules Employees/NCSU Scholarship	2000
*Ted A. Owens	2001
Josef S. Gratzl Graduate Fellowship	2001
[†] Louis J. Boos Family International Internship Award	2001
Wayne and Harriet Barlow Scholarship	2001
James Heider Memorial	2001
Jacob C. Belin Scholarship	2001
St. Joe Paper Company Scholarship	2001
Thomas S. Coldewey Scholarship	2001
NCSU Class of 1970 Scholarship	2002
†Neil Binkley Memorial Scholarship	2002
Irene Flowers Crisp Memorial Scholarship	2002
Stanley J. Buckman Memorial International Internship Award	2002
Roy W. Hunter Scholarship	2002
Jameel Family Endowment Scholarship	2002
Ryan T. Smith Class Of 2001 Scholarship	2002
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Ben and Peggy Chilton Fund	
†Arroyo Family Enhancement Fund	2003
James A. Buzzard Scholarship	2003
Class Of 2003 Scholarship	2003
	2003
Richard P. Joncas Memorial Scholarship	
Bob Menard Scholarship	2003
Richard H. Holley Graduate Fellowship	2004
Ronald B. & Cynthia Estridge Graduate Fellowship	2004
*A. Ben Groce	2005
†Dr. Hou-Min Chang Honorary Endowment For Research	2005
†Ben and Peggy Chilton Enhancement Fund	2005
Raymond H. Taylor Family Scholarship	2006
†Mary Ellen May Johnson Scholarship	2006
Agostino Lucia Memorial Scholarship	2007
Jim and Paula Bowen Endowed Scholarship	2009
Bud Hoezlzle, David and Mark Thorton Endowment	2010
Bob and Donna Harley Endowed Scholarship	2010
Mike Kocurek Endowment for Student Leadership	2010
†Ernie and Beverly Alexander Endowed Scholarship	2011
†Hercules Employees Scholarship	2012
Ted and Joanne Owens Scholarship	
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*Deferred gift †Contributions in FY 2012

20 CASH FLOW STATEMENT

Fiscal Year Ending June 30, 2012.

Cash In	2009	2010	2011	2012
Membership Gifts, Corporate Membership Gifts, Individual Paper International Experience Annual Meeting <i>Total</i>	145,473 32,197 28,158 36,100 \$241,928	150,660 19,737 100 2,180 \$172,677	134,838 36,138 46,637 23,270 \$240,883	162,349 40,537 3,375 29,290 \$235,551
Cash Out	2009	2010	2011	2012
Scholarships Program Support Paper International Experience Annual Meeting Gift Assessment Total	133,284 85,340 9,562 25,384 \$253,570	109,033 32,158 80 2,093 \$143,364	106,937 32,297 60,283 20,418 9,446 \$229,381	287,547 78,525 0 25,443 10,116 \$401,631
Account Balances	2009	2010	2011	2012
Pulp & Paper Fund Paper Science Scholarships Annual Meeting Paper International Experience Endowment Spending Account	325,573 32,197 10,716 18,596	356,291 30,685 10,803 18,615	387,968 22,761 13,620 3,541	243,087 (5,535) 17,467 6,823 212,325
Total	\$387,082	\$416,395	\$427,890	\$474,167

OCTOBER 13, 2011 MEETING MINUTES 21

President David Hickman called to order the Pulp and Paper Foundation Board of Directors at 4:30 pm on October 13, 2011. He welcomed board members and guests and reminded everyone of the Foundation's antitrust policy. He also noted that the only action item on the agenda is the election of officers and directors.

Minutes from the previous spring 2011 board meeting were approved by unanimous consent.

Dr. Steve Kelley, Department Head, then provided a quick update on recruiting and scholarships: permanent jobs for students are still plentiful and the number of entering freshmen is at a comfortable level. Although total costs of a college education at NC State continue to increase while the value of the scholarship has remained flat, the number of students recruited from on campus has more than offset the loss in students from traditional mill towns. Comments from various board members indicated a desire to maintain the regionality of the program.

Mr. David Ashcraft, executive director of the NC State Natural Resources Foundation, reported on the progress in obtaining pledges from Members of the Committee of 100 – friends and alumni whose five-year pledge to give \$1,000 per year to Paper Science scholarships. He reported that the cash available to the Foundation totaled \$445,738. The projected income from endowment spending accounts available for scholarships during the current fiscal year is \$175,000.

By unanimous consent the board elected the following officers:

President:	Dr. Ronnie Hise
Vice President:	Mr. CA McDonald
Acting Secretary:	Ms. Patti Woodbury

The following were elected as rotating directors:

Mr. Gus Cottros	2012
Mr. Bob Harley	2012
Mr. Gray Carter	2013
Mr. Rob Quarles	2013
Ms. Cindy Hendren	2014
Ms. Jan Morgan	2014

Incoming President Hise reviewed operating guidelines for the Foundation and asked for volunteers to serve on various committees to update committees as well as reset the Foundation's mission and vision. He asked the committees to meet the following day and to make their first report at the spring 2012 board meeting with a follow-up report at the fall 2012 board meeting.

Incoming President Hise adjourned the meeting at 5:40 pm.

Minutes recorded by: David Ashcraft



Dr. Ronnie Hise, president of the NC State Pulp and Paper Foundation Board of Directors called to order the spring 2012 business meeting at 9:00 am on March 23, 2012. He welcomed board members and guests and reminded everyone of the Foundation's antitrust policy. In addition to Dr. Hise, board members attending the meeting included Mr. Gray Carter, Mr. CA McDonald, Dr. Steve Kelley, Mr. Tom Corey, Mr. Bob Harley, Ms. Jan Morgan, Mr. Gus Cottros and Mr. David Hickman. Board members participating by phone included Ms. Rebecca Leitch, Mr. Lou Boos, Mr. Rex Robertson and Ms. Cindy Hendren. Guests attending included Ms. Patti Woodbury, Dr. Adrianna Kirkman, Dr. Med Byrd, Dr. Ernie Alexander and Mr. David Ashcraft.

Dr. Byrd updated the board on the accreditation process and requested feedback on the Paper Science Program's Education and Learning Outcomes. After discussion, and questions and answers, Mr. McDonald made a motion with a second by Mr. Carter to approve the PEO's and PLO's as written.

Dr. Byrd then led a discussion of potential modifications to the curriculum. A senior level course (PSE 465) will be revised, and Dr. Byrd offered several suggestions on what the changes might include – a focus on decision-making tools, or an emphasis on primary paper products or an emphasis on environmental impact and life cycle analysis. Dr. Kelley suggested that the program could trial the College of Textiles "tools course" this fall to determine if PSE would offer a similar course in 2014. Dr. Byrd invited board members to send comments regarding the proposed changes in the curriculum to him.

Drs. Byrd and Kelley then updated the committee on students enrolled in the program and also the actions taken by the Recruiting and Scholarship committee at the February 2012 meeting. Dr. Hise commented that the Executive Committee had provided guidelines to the Recruiting and Scholarship Committee meeting prior to the February meeting and that this practice would continue. Student statistics include:

132 students enrolled
52 students in PSE 201
57 new scholarships offered, including transfers from on campus in-state out-of-state

Overview of the University, College, Department and PSE Program by Dr. Steve Kelley:

The NC State task forces on 'Academic Science Programs'

(http://www.provost.ncsu.edu/governance/task-forces/ academic-science/2011/as-2011.php) and 'Review of Academic Programs' (http://www.provost.ncsu.edu/governance/taskforces/academic-program-review/2011/index.php) are both making progress and there do not appear to be any real concerns for the College or PSE program. The 'Academic Science Programs' task force could have recommended merging Colleges or Departments to improve the educational and research quality of the University's 'science' programs. The task force has made a number of recommendations to the Provost but none that negatively impact the College. The Provost has not made any final decisions on their recommendations.

The 'Review of Academic Programs' task force is looking at numeric measures of the productivity and impacts of different Departments. Their initial report shows that the Department of Forest Biomaterials is small, but the PSE program remains very strong. Areas of particular concern include the time it takes to graduate (due to internships and co-ops), a high cost per Student Credit Hour (due to the small classes), and low per faculty graduate student productivity (due to a high number of post-doctoral associates). The Department has responded to this report and has plans for improvements and/or good justifications for areas of concern.

Dean Bob Brown's retirement will be effective July 1, 2012. The Dean Search Committee, appointed by the Provost, has scheduled airport interviews during early April and on-site interviews for the finalists no later than the first week of May.

Dr. Dan Robison, associate dean of research, has been named the Dean of the College of Natural Resources, Design and Agriculture in West Virginia. Dr. Joel Pawlak, Paper Science and Engineering faculty member, has been named Interim Associate Dean Research for one year. The plan is to cover his PSE 212 class with other PSE faculty and his PSE 465 class will be covered by a statistical analysis class for one year.

A new Director Recruiting/Industry Relations will be hired to strengthen Paper Science's relationship with industry, increase annual giving and recruit high school students and assist Dr. Byrd in on-campus recruiting. The new person will report to Mr. David Ashcraft, Executive Director of the NC State Natural Resources Foundation, but will be officed in the Paper Science area in Robertson.

Subsequent to the board meeting, the new position was advertised in TAPPI and in an email blast to Paper Science friends, and the number of applicants increased to 37. There

APRIL 02, 2012 MEETING MINUTES 23

was general discussion regarding the salary level and how much the foundation could afford to pay for the position. Compensation plus travel is projected to cost \$100,000 per year or about 50% of this year's gifts.

Permanent jobs continue to be plentiful but additional summer internships are needed to provide summer employment for the larger number of students now in the program.

Mr. Ashcraft reviewed the financial condition of the Paper Science program; the current balance in the department's restricted accounts totals \$440,000. He reported that the Foundation is now at the \$100,000 per year level; at the end of four years the total annual scholarship spending will be \$400,000 per year. In addition to the additional spending on scholarships, the Foundation will increase spending for the new Director position by \$75,000 per year. The new Director is expected to increase fundraising during this same four-year period to increase the additional expenses. Mr. Ashcraft agreed to provide a detailed four year projection of cash flow, including numbers of students prior to the fall meeting.

Ms. Jan Morgan presented the report from the ad hoc committee on Scholarship Funding (Cindy Hendren, Tim Corey, Jan Morgan and Jack Lowdermilk.) The committee recommended:

- Publicize the new online giving site
- Better definition of benefits associated with giving
- Quarterly contacts with alumni, including one hard copy newsletter

Recommendations from this committee will be turned over to the Member Development Committee. Mr. Tim Corey agreed to be the chair of the Member Development Committee.

Mr. CA McDonald presented the report from the ad hoc committee on Recruiting Out-of State Students (OSS). The committee has identified a couple of companies that may be interested and capable of providing additional funding so that a full ride scholarship may be offered if the Foundation provides \$7,500. This committee's recommendations will be turned over to the Scholarship Committee for implementation. Ms. Rebecca Leitch is the current chair of the Scholarship Committee.

The PPF and PSE program continue to work to increase OOS enrollment. This includes a few full-ride scholarships and several enhanced scholarships (\$5,000). After the state legislature approves the state budget for the 2012-2013 fiscal year we should know if the OOS tuition wavier for academic scholarship students will continue to be honored. If this is the case we might want to increase our OOS full-ride commitments. The OOS wavier is worth about \$12,834 for the current year,

but also constitutes a \$38,473 liability for EACH full-ride OOS if the NC legislature were to remove this waiver. Thus the PPF and PSE program have to move carefully to limit the potential liability until the state budget stabilizes.

The Development Office and PPF members will continue to explore options for individual mills to create full-ride OOS scholarship packages that can be used to attract students from mill locations.

Dr. Alexander reported for the ad hoc Committee on Committees:

Recommended permanent committees include: Member Development, Scholarship, Recruiting, Intern/Summer Employment and Program Advisory

Discussed whether or not to have a specific Curriculum Committee (PSE Program Advisory Committee) or allow the full board to function as the committee. A decision on the need for the committee will be made at the fall meeting.

Follow up actions required for the committees:

- "Responsibilities" for approval at the fall meeting
- Chair, Vice Chair and members for each Committee
- Decide if Committee chairs and or members must be Members of the Foundation

Ms. Patti Woodbury reviewed plans for the fall 2012 Annual Meeting:

Wednesday Industry Day

Thursday

Committee and Board meetings, Women in Paper Science and Social and Banquet

Friday Golf

Saturday

Pig Pickin' Tailgate and Football

The new Director will have the responsibility to coordinate the Annual Meeting and all activities.

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

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Charles Holder Marion Holt Robert Ihle James Jonakin John Lamm John McClendon Ronald Mizell Arthur Morris William Parham Homer Parker David Safrit Hayden Simmerson Ray Taylor Robert Thomas Thomas Tomlin Ernest Alexander Stanley Brewer William Broughman David Coleman Naravan Deka Douglas Hamilton Howard Harrell Ransom Hinton William Hood James Kear Ralph Mullis Khaja Naimuddin George Pemble Walter Reed James Watson David Ashcraft Mack Bailey Joseph Boggs Leslie Britton Gale Goodman Jack Holder Andrew Johnson Lawrence Johnson George Lennon Charles McLemore Roger Ogden John Prichard Johnnie Respass Harry Sellers Michael Ward David Zukowski William Adams William Armstrong Cornelius Binkley George Brown Martin Check Samuel Collier Jerry Cox Watson DeVane Charles Gardner Kenneth Hayes Raymond Haynie David Herlt Enos Liverman Jonathan Shelfer Henry Slagle James Small Joseph Spruill Charles Wall Mitchell Whittington Willian Antley Dewey Barber Michael Brenton Daniel Clark Jerry Coker Woodrow Collins Clarence Dykes Joseph Furr Raymond Harrison Gary Hickerson James Hoffmaster Wayne Honeycutt

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Ernest Howard Joseph Lewis Marcus Martin Harry McCarthy * Jimmy Nall Robert Ousley Leon Owen Mark Pask Martin Schroeter William Snellings William Wade Dan Adams * Robert Allison David Fowler Carroll Frye Larry Griffin Carroll Hazelwood * Larry Horne * Gary Howell Barry Kelly Richard Lever Robert Mitchell Tony Parson Warren Parton James Ouarterman Randall Shirley Charles Skinner Waldon Suggs Joseph Tamsberg Harry Thompson Charles Adkins Robert Armstrong Thomas Botkins Jim Bowen Walter Campbell William Cothern Steven Davidson William Hardison Benjamin Harley James Hilton Charles Holmes * William Hudgins * Walker Ivie Robert James Richard Lasater Wavne McFee Larry Nelson Thomas Rabb Ronald Ralev Joseph Shaw Fredrick Tanner Philip Whichard Chester Williams Robert Adams Michael Allen Jack Armstrong Russell Barnes **Richard Betts** Adrian Black Harlev Brafford Marvin Cherry Mark Crean George Curtis Jefferv Dalev Thomas Dawson George Gailey Bobby Handley Jeffrey Hearn Ames Hudson Daniel Hunter Ronald Jovner Gregory Karson Henry King Baron Newton

Charles Prince

Robert Rogers

Jonesboro, LA 1970 Hemingway, SC 1970 Charlottesville, VA 1970 1970 Holly Springs, NC 1970 1970 Henderson, KY Cherryville, NC 1970 1970 Cape May, NJ Savannah, GA 1970 Sea Island, GA 1970 Fernandina Beach, FL 1970 1971 1971 Gainesville, FL 1971 Puyallup, WA 1971 Henderson, KY 1971 1971 1971 Merrill, WI 1971 Dunn, NC 1971 Mooresville, NC 1971 1971 Blythewood, SC Amherst, VA 1971 Lilburn, GA 1971 Fernandina Beach, FL 1971 Colorado Springs, CO 1971 Concord, NC 1971 1971 Florence, SC Georgetown, SC 1971 Plymouth. NC 1971 King and Queen Court 1972 House, VA 1972 Savannah, TN Hot Springs, VA 1972 Hartsville, SC 1972 West Point, VA 1972 Rock Hill, SC 1972 1972 Florence, SC 1972 Jamesville, NC Simpsonville, SC 1972 Portland, OR 1972 1972 1972 Seneca, SC 1972 1972 Bellevue, WA Raleigh, NC 1972 1972 Banks, AL Brevard, NC 1972 Greeneville, TN 1972 Chillicothe, OH 1972 McClellanville, SC 1972 1972 Fort Gratiot, MI Hartsville, SC 1972 Lower Peach Tree, AL 1972 Clinton, NC 1973 Louisville, MS 1973 Tyner, NC 1973 Florence, SC 1973 West Point, VA 1973 1973 Arden, NC Memphis, TN 1973 1973 New Bern, NC Richmond, VA 1973 Williamston, NC 1973 Cumberland, MD 1973 Kennesaw, GA 1973 1973 Springboro, OH Mobile, AL 1973 Bluffton, SC 1973 Destin, FL 1973 Boone, NC 1973 Goose Creek, SC 1973 Milledgeville, GA 1973 1973 Hartsville, SC Lake Charles, LA 1973 Statesville, NC 1973 Minnetonka, MN 1973

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 Bradlev Arch Davis George Davis * Michael Dennison Robert Durland John Faulkner Glenn Harman David Howell Kent Hudson Kathleen Jackson Jeffrey 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 Metheney Harold Midyette 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

San Antonio, TX Monterey Park, CA Deridder, LA Cary, NC Tacoma, WA Green Bay, WI Royse City, TX Rhinelander, WI Butler, AL Neenah, WI Rockingham, NC Issaquah, WA Hartsville, SC Paducah, KY Gallion, AL Raleigh, NC Camden, TN Georgetown, SC Maineville, OH Raleigh, NC Jacksonville, FL Galena, IL New Bern, NC Cary, NC Beaumont, TX Centerville, PA Georgetown, SC Appleton, WI Wansan, WI Rock Hill, SC Orange, TX Roper, NC Mobile, AL Rock Hill, SC Plymouth, NC Moneta, VA Manakin Sabot, VA Sylacauga, AL Raleigh, NC Lynn Haven, FL Williamston, SC West Point, VA Wilmington, NC Loveland, OH North Bend, OR Raleigh, NC Rison, AR Landenberg, PA Alexandria, LA Seabrook, TX Athens, GA Simpsonville, SC Jackson Springs, NC Rochester, MN Pensacola, FL Plymouth, NC Raleigh, NC Birmingham, AL Charlotte, NC Hanahan, SC Mentor, OH Midlothian, VA Jacksonville, FL Neenah, WI Orange Park, FL Hartsville, SC Wilmington, NC Forest, VA Wilmington, NC Bethel, OH Appleton, WI Mason, OH West Monroe, LA Mount Pleasant, SC Cumming, GA

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Clarence Rose Ernest Shearin Scott Short Howard Sproull Emma Volker Brian Waite Thomas Barnes Kimberly Belt Robert Benjamin Timothy Bernhardt Curtis Correll Kathryn Daniels Philip Davis Howard Deal Julia Dickens Eugene Dickey Roland Etsano William Greeson Kenneth Griffin Timothy Griffin Charles Hancock Gregory Hedrick Ronnie Hise Robert Jackson Hollis Maton John Monteith Garrett Nicholson Franklin Norris Larry Norton Diane Oberstadt Daniel Post Carrie Russell Anthony Smith Kevin Speight Charles Stillwell Philip Strader James Strickland Robert Trepte Anthony Upchurch William Wicks Karen Witherspoon Mark Alexander * Susan Boss Sharon Brav Roy Brinson John Carpenter Myra Carpenter Stanley Chesson Arnold Conrad * Glenn Corcoran Anthony Cross Larry Head Karen Hinson Calvin Hodgin Douglas Howell Sheri Humphrev 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 Jim Coward James Farley Steven Gordon Julian Grimes

Rock Hill, SC Roanoke Rapids, NC Nampa, ID Skokie, IL Newtown, PA York, PA Cartersville, GA Natchitoches, LA Fletcher, NC Memphis, TN Blounts Creek, NC Hartsville, SC Brandon, FL Fernandina Beach, FL 1981 Jacksonville, FL Chapel Hill, NC Fuquay Varina, NC Clarks Summit, PA Encinitas, CA Midlothian, VA Covington, VA Cartersville, GA Brunswick, GA Houston, TX Fort Mill. SC Baton Rouge, LA Lakeway, TX Warner Robins, GA Panama City, FL Rock Hill, SC Fernandina Beach, FL 1981 Winston Salem, NC Pensacola, FL Vancouver, WA Roanoke Rapids, NC Roswell, GA Amherst, VA Valdosta, GA Charlotte, NC Cumming, GA Pawlevs Island, SC Grantsboro, NC Easley, SC Easley, SC Woodstock, GA Evans, GA Darlington, SC Prattville, AL Macon, GA Pfafftown, NC Cantonment, FL Birmingham, AL New City, NY Calhoun, TN Mason, OH Matthews, NC Germantown, TN Chelsea, AL Orange, TX Matthews, NC Midlothian, VA Orange Park, FL Suwanee, GA York, PA Lake Worth, FL Ooltewah, TN Morrisville, NC Wilmington, NC Narberth, PA Canton, NC Virginia Beach, VA Fernandina Beach, FL 1983

Dwayne Hinkie Joseph Hosch Todd Hudson Derwin Johnson Steven Kirk John Landy Allen Midyette Michael Miess Jeffrey Moore Brian Morris Steven Parker James Parnell William Petke John Phillips George Radford William Rogers Mark Ryan David Seyler Laura Seyler Thomas Single John Slavdon 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 Rov Grant Harri Haikala Alan Henderson Glenn Henderson Eric Howell Michael Jackson Michele Kesler William Mallory David Milner Albert Miner Wilton Mitchell Teddy Morris Christopher Nelson William Oliver Susan Purdue Jeffrev Reese Tommy Riddle

1983 Beaumont, TX Delaware, OH 1983 Evans, GA 1983 Reidsville, NC 1983 Saint Simmons Island, 1983 GA 1983 Jacksonville, FL 1983 Greenville, SC 1983 Cornelius, NC 1983 Chester, VA 1983 High Point, NC 1983 Raleigh, NC 1983 Jacksonville, FL 1983 1983 Rock Hill, SC Wilmington, NC 1983 Havelock, NC 1983 Crossett. AR 1983 Escanaba, MI 1983 Lebannon, OR 1983 1983 Lebannon, OR Marietta, GA 1983 1983 Wooster, OH Woodbridge, VA 1983 Mobile, AL 1983 Medford, NJ 1983 Pooler, GA 1983 1983 Waxhaw, NC Wadesboro, NC 1983 Chillicothe, OH 1983 1984 Marion, NC Raleigh, NC 1984 Collierville, TN 1984 Greensboro, NC 1984 Summerville, SC 1984 Georgetown, SC 1984 Chapin, SC 1984 Roanoke Rapids, NC 1984 Pensacola, FL 1984 San Francisco, CA 1984 Apex, NC 1984 Kalamazoo, MI 1984 Seaboard, NC 1984 Frostburg, MD 1984 Asheville, NC 1984 Scottsboro, AL 1984 Lexington, KY 1984 League City, TX 1984 Canton, NC 1984 1984 Rock Hill, SC Dayton, OH 1984 Batavia, OH 1984 1984 Oxford, AL Winston Salem, NC 1984 1985 Findlay, OH Avon, CO 1985 Austin, TX 1985 Clarkston, WA 1985 Clyde, NC 1985 Birmingham, AL 1985 Charlotte, NC 1985 1985 Fairhope, AL Birmingham, AL 1985 Cheraw, SC 1985 Grayson, GA 1985 Holly Springs, NC 1985 Simpsonville, SC 1985 Easley, SC 1985 1985 Dallas, TX 1985 Cary, NC 1985 Plymouth, NC 1985 Spencer, NC 1985 Williamston, NC 1985 1985 Centerville, OH 1985 Sharon, MA Loveland, OH 1985 Henderson, NC 1985

Michael Rosendale **Charles Sanders** Steven Scheve Gary Steiger Kevin Thomason Richard Turner Larry Warren John West Joey 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 Clark John Frazier Jasdev Gill Barbara Hall David Hall Jerry 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 Scott Legrand William Lipscomb Gerald Marks Paul Martin Timothy Nuckols Kai Simonsen Milan Thomas William Thomas Jeffrev Thornton Maureen Tullis Dianne Van Valkenburgh

1985 Sedalia, MO Childersburg, AL 1985 Martinez, CA 1985 Atlanta, GA 1985 1985 Leland, NC Geneva, IL 1985 Rock Hill, SC 1985 Surf City, NC 1985 1985 1985 Augusta, GA East Granby, CT 1986 Rincon, GA 1986 Chesapeake, VA 1986 1986 Evans, GA Franklin, VA 1986 Batavia, IL 1986 Atlanta, GA 1986 Eufaula, AL 1986 Poway, CA 1986 1986 Los Altos, CA Augusta, GA 1986 1986 Apex, NC 1986 1986 Pawleys island, SC 1986 Cleveland, TN 1986 Savannah, TN 1986 Auburn, AL Milton, FL 1986 Raleigh, NC 1986 1986 Cary, NC Charlotte, NC 1986 Hawkinsville, GA 1986 Wausau, WI 1986 Monroeville, AL 1986 West Chester, PA 1986 JOnesboro, GA 1986 1986 Cary, NC 1987 Fernandina Beach, FL 1987 Macon, GA 1987 Lilburn, GA 1987 1987 Columbia, SC Raleigh, NC 1987 1987 Columbia, SC Willingboro, NJ 1987 Covington, VA 1987 Acworth, GA 1987 York, PA 1987 1987 Atlanta, GA Gulf Breeze, FL 1987 Wilmington, NC 1987 Gates, NC 1987 Ocala, FL 1987 Matthews, NC 1987 Pawleys Island, SC 1987 Castle Hayne, NC 1987 Silsbee, TX 1987 Roanoke Rapids, NC 1987 West Monroe, LA 1988 Wisconsin Rapids, WI 1988 Chester, VA 1988 Vanceboro, NC 1988 Hendersonville, NC 1988 1988 Windsor, VA West Monroe, LA 1988 1988 Savannah, TN West Point, VA 1988 Roper, NC 1988 1988 Huron, OH 1988 Colonial Heights, VA 1988 Nahunta, GA 1988 Lake Park, GA 1988 1988 Indianapolis, IN 1988 1988 Lynchburg, VA

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1994

Richard Venditti John Weatherman Andrew Gloster Christopher Gore Deborah Hammack Robert Harris David Hyer Joseph Johnson George Joncas Brvan Kav Christopher Mastro Barbara McCabe Gary Modlin Derek Owens Jack Robinson Esmond Sadler Angela Tate Retha Threatt Timothy Wilde Albert Williams **DeNorris 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 Larry Jackson Bernardo Jurado-Blanco Heidi Kincaid Andrea Lewis Mitchell Malcolm John Michael Stephenson Nguyen John Single Dennis Singleton Ronald Smith Steven Spencer Paulette Thomas Ronald Tucker Joey Albright James Best Mark Best Christopher Blenk Amy Brady Matthew Brown Ronald Estridge Douglas Falls Richard Fielding Charles Haney Thomas Kirkpatrick Stephen Lawson Patrick Low Robert McRee William Norris Breton Pate Daniel Pouchot Marv Rush Wade Rushing Teddy Suratmadji Jeffrey Thomas Edward Turner Gregory Venditti **Richard Williams**

Trov Willis

Bradford Barron

1988 Raleigh, NC Evans, GA 1988 Texarkana, AR 1989 Bennettsville, SC 1989 1989 Gasburg, VA Lumberton, TX 1989 Oakland, CA 1989 Knoxville, TN 1989 1989 1989 York, PA Midlothian, VA 1989 Basking Ridge, NJ 1989 Williamston, NC 1989 1989 Raleigh, NC Bellbrook, OH 1989 Goose Creek, SC 1989 Rock Hill, SC 1989 Panama City, FL 1989 Leesburg, GA 1989 Copper Ctr, AK 1989 1989 Moseley, VA 1989 Brentwood, TN Gaithersburg, MD 1989 1990 1990 Brunswick, MD 1990 Silsbee, TX 1990 Harrisburg, NC 1990 Pinetown, NC 1990 Hartsville, SC 1990 Kingwood, TX 1990 Huntersville, NC 1990 Jackson, AL 1990 Thomasville, AL 1990 1990 Sterrett, AL Covington, VA 1990 Collierville, TN 1990 Durham, NC 1990 1990 Covington, VA Mount Pleasant, SC 1990 1990 Leesburg, GA Cincinnati, OH 1990 1990 Westminster, CA Spanish Fort, AL 1990 Marietta, GA 1990 1990 Brunswick, GA Holly Springs, NC 1990 1990 Eureka, CA Lima, OH 1990 Kernersville, NC 1991 1991 Winston Salem, NC Savannah, GA 1991 Charlotte, NC 1991 Lexington, SC 1991 Richmond Hill, GA 1991 1991 Rockwall, TX Rome, GA 1991 Mooresville, NC 1991 Hartsville, SC 1991 Charlotte, NC 1991 Washington, NC 1991 Rock Hill, SC 1991 1991 Monroe, LA Saint Simons Island, 1991 GA Roanoke Rapids, NC 1991 Gloucester, VA 1991 Kailua, HI 1991 White, GA 1991 1991 San Francisco, CA 1991 Alpharetta, GA 1991 1991 Savannah, GA 1991 Wilmington, NC 1991 Perrv. GA Cincinnati, OH 1992

Angela Beaver Gary Brewer Timothy Brinker Edward Chao Jason Cronin Jason Cronin Lisa Greene Kimberly Havnes Christopher Hayter Mark Hayter Andrew Hobson Todd Hunt Michael Jackson James Johnson Christopher Jones John Lewis Albert Linn Matthew McCracken Robert Revels Steven Rogers Carol Sanders Udav Singh Harvey White John Windley Dana Barnhill Mark Betler Jennifer Bidwell Stephen Bidwell Theresa Blanchard Gary Boettcher James Brewer Bradley Evans Joel Fanti Joseph Flanagan John Fullenwider Timothy Gill Cobb Golson Andrew Goolsby John Goss Kevin Minnick Jerome Mitchell David Norton Paul Palmer Ku Puangchinda Darryll Rasberry Douglas Robinson Robert Simmons Shaun Slocumb William Small Jeffrey Spitz Joseph Stephens Brian Sterling George Stubbins Trevor Thompson Scott Tingle Monica Winghart Yen-Ling Wylie Brian Zehner Angela Adams Michael Alford Ravmon Bass Nicole BlankenbecklerRichmond, VA Mark Bochey Melanie Bock Darnell Brewington Curtis Brown Jacob Brown Montoya Brown Jeffrey Buchanan Janice Cecil Marty Daniel Kevin Farley Jerry Floyd Linda Freeman Karen Griffin Sidonia Harrison David Hasty

Concord, NC 1992 Greensboro, NC 1992 Cantonment, FL 1992 Gig Harbor, WA 1992 Zionsville, IN 1992 Zionsville, IN 1992 Wake Village, TX 1992 Woodland, WA 1992 Prattville, AL 1992 1992 Hartsville, SC West Monroe, LA 1992 Cumming, GA 1992 Kings Mountain, NC 1992 Chester, VA 1992 Chatsworth, CA 1992 Washington, NC 1992 Knoxville, TN 1992 Hartsville, SC 1992 Charlotte, NC 1992 1992 Orange Park, FL Huntersville, NC 1992 Lakeland, FL 1992 Humble, TX 1992 Daphne, AL 1992 1993 Elba, AL Union, WV 1993 Columbia, SC 1993 Columbia, SC 1993 Grovetown, GA 1993 Juliette, GA 1993 Roanoke Rapids, NC 1993 1993 Lindale, GA Supply, NC 1993 Statesville, NC 1993 1993 Owensboro, KY Wilmington, NC 1993 Saint Augustine, FL 1993 Clyde, NC 1993 Mandeville, LA 1993 Saint Marys, GA 1993 Roswell, GA 1993 1993 Canton, NC Madison Heights, VA 1993 1993 Baton Rouge, LA Madison, AL 1993 Pinehurst, NC 1993 1993 Texarkana, TX Jacksonville, FL 1993 1993 Florence, SC Charlotte, NC 1993 Wake Forest, NC 1993 1993 Houston, TX San Mateo, CA 1993 1993 Atlanta, GA Palatka, FL 1993 Newark, CA 1993 Spring, TX 1993 North Charleston, SC 1993 1994 Fort Mill, SC Rincon, GA 1994 Vidor. TX 1994 1994 Austin, TX 1994 Ankeny, IA 1994 Clayton, NC 1994 Jamesville, NC 1994 Jacksonville, FL 1994 Saint Augustine, FL 1994 Horse Shoe, NC 1994 Cary, NC 1994 Pelham, NC 1994 Knoxville, TN 1994 Brunswick, GA 1994 1994 Florence, SC 1994 Ruther Glen, VA Jacksonville, NC 1994 Seaboard, NC 1994

Asher Husain David Kear Donald Kinsev Jennifer Lachance Jamison Medlin Lawrence Offill Jennifer Piercy Stacie Reavis Edzel Sarigumba John Small James Vaughan John Vonnoh Sayed Walker Brian Allen Crawford Arrington Brian Ashley Edgar Atkins Elizrean Bethea Christopher Bolt Edgar Campbell Edward Chao Christina Clark Cynthia Cotton Jefferson Cox Steven Daniels Neil Davis Christopher Deberry Travis Deel Rita Edwards Tonva Elium Robert Gerard Anne Gresham Thomas Hair Eric Henson Kent Hightower Brook Holland Jason Huckaby Richard Jennings Jeffrev Leonard Donnie Martin Dinesh Mathew George Maxwell Aaron Meredith Jeffrey Miller Antonio Murphy Kimberly O'Daniel William O'Daniel Dunford Okoth Robert Rhea Tricia Rosen Jason Stephens Jennifer Stephens Denisha Turner Clifford Vann Ted Viands Tammy Wright Robert Andrews Steven Bacon Leigh Barr Kendra Batley Dehavalvn Black Milton Burgess Kari Cahoon Melissa Carroll James Cawthorne Tony Clary David Floyd Gary Gardner Rvan Hobbs Kevin Holtman Todd Howell Jon Jackson Phillip Jordan Paula Kurilla Harry Lawton Seung Lee Danah Livingston

Northville, MI Fernandina Beach, FL 1994 Wilmington, NC 1994 Hephzibah, GA 1994 1994 Fairview NC Lexington, SC 1994 Wake Forest, NC 1994 New Bern, NC 1994 1994 Seattle, WA 1994 Mathews, VA Prattville, AL 1994 Fernandina Beach, FL 1994 Jacksonville, FL 1994 1995 Kernersville, NC 1995 Clarksville, TN Providence Forge, VA 1995 Covington, VA 1995 Covington, GA 1995 Wilson, NC 1995 1995 Hartsville, SC Gig Harbor, WA 1995 1995 Hardy, VA Castle Hayne, NC 1995 Simpsonville, SC 1995 Chapel Hill, NC 1995 Asheboro, NC 1995 Seaboard, NC 1995 Covington, VA 1995 Lumberton, TX 1995 Yulee, FL 1995 Raleigh, NC 1995 1995 Urbanna, VA Beaumont, TX 1995 Battle Creek, MI 1995 1995 Mount Carmel, TN Canton, NC 1995 1995 Boise, ID Santa Monica, CA 1995 Covington, VA 1995 Brookhaven, MS 1995 Beaverton, OR 1995 1995 Palatka, FL Decatur, GA 1995 Ashland, VA 1995 Richmond Hill, GA 1995 Warner Robins, GA 1995 1995 Warner Robins, GA Raleigh, NC 1995 1995 Kenosha, WI Guyton, GA 1995 Fairhope, AL 1995 1995 Fairhope, AL Chesterfield, VA 1995 Bonner, MT 1995 Savannah, GA 1995 Lakeland, FL 1995 Hot Springs, VA 1996 Barnesville, GA 1996 1996 Corpus Christi, TX Wilmington, NC 1996 Winston Salem, NC 1996 Marietta, GA 1996 Roper, NC 1996 Raleigh, NC 1996 West Lafayette, IN 1996 1996 Macon, GA Holly Springs, NC 1996 Greer, SC 1996 Apex, NC 1996 Walnut Creek, CA 1996 Raleigh, NC 1996 Raleigh, NC 1996 Mount Pleasant, SC 1996 1996 Savannah, GA 1996 Atlanta, GA 1996 ADEX, NC Cantonment, FL 1996

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Joseph Malak Carlotta Mattison James Moore Michael Moore Weslev 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 Eric Bryant Chad Caldwell Matthew Campbell David Clemmons Ronald Crawford Eugene 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 Lindsey Julie Lovelace Robin Lowery Bradley Lucas William Martin Ryan McNair Valerie Minor Matthew Morgan Patrick Morgan Michele Parsons Jennifer Raiford Stan 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 Rov Corn David Council

Samuel Dunning

Pawleys Island, SC Charlotte, NC New Bern, NC Castle Havne, NC Kannapolis, NC Richmond Hill, GA Folsom, PA Norcross, GA Brewton, AL Ashburn, VA Covington, VA Dinwiddie, VA Hanahan, SC Plymouth, NC Maysville, KY Augusta, GA Raleigh, NC Ocala, FL Hamilton, OH Louisville, KY Bonaire, GA Augusta, GA Houston, TX Cloverdale, VA Stuart, FL Rock Hill, SC Charlotte, NC Smithfield, NC Jamesville, NC Columbia, SC Yorba Linda, CA Lewisville, NC Sumter, SC Hattiesburg, MS Wilson, NC Appleton, WI Clayton, NC Raleigh, NC Leicester, NC Tampa, FL Clyde, NC Liberty Twp, OH Clayton, NC Menasha. WI Plover, WI Apex, NC Yulee, FL Covington, GA Salem, VA Greensboro, NC Waverly, VA Lithia Springs, GA Atlanta, GA Franklinton, NC Greenfield, WI Delray Beach, FL Charlotte, NC Hartsville, SC Cincinnati, OH Fort Mill, SC West Monroe, LA Raleigh, NC Cumming, GA Raleigh, NC Raleigh, NC Rock Hill, SC Macon, GA Glen Allen, VA Hickory, NC Edenton, NC Charleston, SC Springfield, VA Long Beach, MS Elkin, NC Raleigh, NC Washington, NC Bristol, VA

Stephen Farmer Adam Ferguson Eric Fisher Kimberly Geiger Wesley Griffin Michael Halstead John Harvey Tamika Havden Kerri Knight Terri Lail Glenn Martin Dwayne Matthews Lilton Moore Charles Mundy Trov Muro James Nixon Angela Parker William Ponton Matthew Quick Manoj Reddy Joshua Respess George Shorter William Sparks Chin-Shu Su Christopher Swift Jacquelyn Taylor Elfrey Tedder James Ward Michael Will Yen Chun Wu Christina Yochelson Christopher Alexander Kingsport, TN 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 Julian, NC Andrew Linn Jason Mayberry Percy McIntyre Derek Morris Alicia Pham **Richard Phillips** April Rhodes James Samp Christine Schwartz Michael Scotti Shahnawaz Siddigui Matthew Turner Andrew Weller Michael Yoder William Boyette Rvan Burgess Neil Caudill Kevin Copeland Amy Darchuk Tanya Davis Keith Donaldson * Erik Edwards Chen Fan Jeffery Goodwin Brian Jones Jeffrev Jordan Bryan Laney Rebecca Leitch

Glen Allen, VA Clayton, NC Raleigh, NC Charlotte, NC Vanceboro, NC Pollocksville, NC Cantonment, FL Durham, NC Loveland, OH Denver, NC Clinton Township, MI Garner, NC Kennesaw, GA Aylett, VA Evans, GA China, TX Dallas, TX Trent Woods, NC Rincon, GA Raleigh, NC Bath, NC Houston, TX Roanoke Rapids, NC Holly Springs, NC Durham, NC Murrells Inlet, SC Myrtle Beach, SC Fair Play, SC Birmingham, AL Orange Beach, AL Cary, NC Maiden, NC Humble, TX Cincinnati, OH Savannah, TN Charlotte, NC Saint Marys, PA Appleton, WI New Bern, NC Pantego, NC Anderson, SC Hopkins, SC Garner, NC Dorado, PR Appleton, WI Fort Mill, SC Lynchburg, VA Atlanta, GA Jamestown, NC Brunswick, GA Cedar Park, TX Albany, GA Remington, VA Sugar Hill, GA Greensboro, NC Westerville, OH Grimesland, NC Fairbanks, AK Cleveland, TN Wilmington, NC Marietta, GA Olympia, WA Roswell, GA Beaumont, TX Kannapolis, NC Yulee, FL Allen, TX Deer Park, TX Katy, TX Hartsville, SC Hartsville, SC Clifton Forge, VA Lorraine Montgomery Valdosta, GA

1998 John Morgan 1998 Cameron Morris 1998 Ashley O'Neill 1998 Joanna Shapiro 1998 Miranda Shope 1998 Cynthia Spruill 1998 Sophia Sun 1998 Michael Vance Arthur Welker 1998 1998 Kimberly Williams 1998 Cynthia Winston 1998 Marquis Bennett 1998 Robert Blythe 1998 David Bowen 1998 James Boyd 1998 Jonathan Chipley 1998 Stacev Davidson 1998 Kelsey Edwards 1998 Marianne Gaskins 1998 Albert Gurkin 1998 Zachary Guy 1998 Tasha Hardison 1998 Benjamin Harley 1998 Carlton Johnson 1998 Jason Jones 1998 Travis Lail 1998 Daniel Leach 1998 Samuel Littlejohn 1998 Robert Lowe 1998 Jeremy Mevers 1998 Richard Miller 1999 Kvle Moodv 1999 Janet Morgan 1999 Kevin Pease 1999 Randall Pittard Justin Rice 1999 Tiffany Robinson 1999 Daniel Sharkey 1999 Jonathan Shorter 1999 Scott Taylor 1999 Elizabeth Thompson 1999 John Thompson 1999 Betsy Whitley 1999 Erik Yarbrough 1999 Jonathan Anderson 1999 William Bragg 1999 Brandon Brav 1999 Christy Bryson 1999 Julie Cheng 1999 Charles Daw 1999 Emily Duke 1999 Jeffrey Flanagan Ricky Gardner 1999 Charles Hinson 1999 David Johnson 1999 Ryan Long 1999 Jason Persinger 1999 John Quick 1999 Alvsia Ritch 1999 Aaron Smith 1999 Elizabeth Speller 1999 William Stallings 2000 Brian Stepp Charles Wallace 2000 2000 Nicholas Weaver 2000 Erik Welf Nicholas Wilson 2000 2000 Chad Wray 2000 Edwin Alston 2000 Timothy Armstrong 2000 David Ashcraft 2000 Harry Countryman 2000 Crystal Currie 2000 David Foster 2000 Jennifer Harris 2000 Keri Lake 2000 Anthony Lee

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Suffolk, VA 2000 Raleigh, NC 2000 Pittsburgh, PA 2000 Pomona, NY 2000 Wilsonville, AL 2000 Raleigh, NC 2000 Harrodsburg, KY 2000 Huntersville, NC 2000 Chester, VA 2000 Powder Springs, GA 2000 Raleigh, NC 2000 Raleigh, NC 2001 Baton Rouge, LA 2001 2001 Houston, TX 2001 Carv. NC Beaumont, TX 2001 Falls Church, VA 2001 Irmo, SC 2001 Florence, SC 2001 Richmond Hill, GA 2001 Waynesville, NC 2001 Greenville, NC 2001 Raleigh, NC 2001 Raleigh, NC 2001 2001 Oregonia, OH Washington, DC 2001 2001 Charlottesville, VA West Columbia, SC 2001 Chicago, IL 2001 Mount Vernon, MO 2001 Rock Hill, SC 2001 Jonesborough, TN 2001 Silsbee, TX 2001 Apex, NC 2001 2001 Cordova, TN 2001 2001 Manson, NC Benton, LA 2001 Roanoke, VA 2001 Prattville, AL 2001 Rochester, MN 2001 2001 Raleigh, NC Charlotte, NC 2001 2001 Sylva, NC Mechanicsville, VA 2002 Rock Hill, SC 2002 2002 Champaign, IL Brevard, NC 2002 2002 Atlanta, GA Demopolis, AL 2002 Lutz, FL 2002 Raleigh, NC 2002 Society Hill, SC 2002 Milledgeville, GA 2002 Stanley, NC 2002 Fayetteville, NC 2002 Kingsport, TN 2002 Independence, KS 2002 Aiken, SC 2002 Alpharetta, GA 2002 Williamston, NC 2002 Mobile, AL 2002 Pittsburgh, PA 2002 2002 Durham, NC Williamston, NC 2002 2002 Raleigh, NC Greenville, NC 2002 Roanoke Rapids, NC 2002 Youngsville, NC 2003 Raleigh, NC 2003 Austin, TX 2003 Evans, GA 2003 Houston, TX 2003 2003 Raleigh, NC 2003 Currie, NC 2003 Mobile, AL Pleasant Hill, NC 2003

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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 Bovd Joshua Cottrell Jonathan Dunn Rachel Ernest Christopher Foess Brian Gustin Stephanie Hafer Rvan Hill Jamie Jones Michael Mixon Courtney Pate Susan Roszko Willard Salley Michael Smith Heather Smyth Shavoya Underdue Christopher Wilson Megan Winfield Michael Wojdyla Jonathan Barnes Patrick Behan Timothy Byer Christopher Duncan Larry Eason Colin Haves Cynthia Hendren Dustin Herrmann Brian Hoffert Adam Hoffman Mary Ellen Johnson Min Lee Min Lee Jonathan Leerkes Dyron Liverman Elena Malak Aaron Miller Jared Morris Angela Roach Rebecca Robertson Casey Sawyer Ryan Sharkey Sara Abbe Milton Bennett Patrick Clearv Carl Cox Meredith Fulp Benjamin Godfrey Maryn Heermann Marvn Hilkin Meredith Mackey Niral Patel Vesna Tosanovic Jerrid Watts Douglas Way David Albrecht Brandon Boyd Charles Culbertson Bradley Cunningham Jeremy Haddock Jeffrey Harke

Indian Land, SC Wendell, NC Selma, NC Covington, VA Liberty, NC Hartsville, SC Drexel Hill, PA Charlotte, NC Albany, GA Raleigh, NC Greensboro, NC Apex, NC Walla Walla, WA Aragon, GA Rock Hill, SC Marianna, FL Bloomingdale, GA Rock City Fls, NY Timmonsville, SC Raleigh, NC Dallas, TX Roswell, GA Laurinburg, NC Oakland, CA Katy, TX Shawnee, KS Wagram, NC Raleigh, NC Lexington, SC Edenton, NC Lynchburg, VA Queensbury, NY Atlanta, GA Houston, TX Forest, VA Jackson, NC Riegelwood, NC Covington, VA Durham, NC Bladenboro, NC Apex, NC Evans, GA North Charleston, SC New Hill, NC DeRidder, LA Springfield, MA Cary, NC Greensboro, NC Houston, TX Fort Mill, SC Fontana, CA Leland, NC Grifton, NC Roanoke Rapids, NC Jamesville, NC Charlotte, NC Lynchburg, VA Bedford, VA Columbia, SC Baytown, TX Vienna, VA Belvidere, NC Cedar Rapids, IA Vienna, WV Winterville, NC Greensboro, NC Wilmington, NC Pooler, GA Pasadena, CA Rock Hill, SC Virginia Beach, VA Myrtle Beach, SC Chocowinity, NC Port Huron, MI

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Jason Harman Joel Love Hunter Morris Valeria Ortega Joseph Rawls Kelley Spence Cary Strickland Stephen Stroud Jarrod Tucker David Watts Graham White Amanda Bedard Amber Bowen Seth Carter Janderson Cibils Devin Cribb 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 Tabatha Blalock Amber Bruk Catherine Currence Justin Farmer Corey Gooden Dane Grismer Zachary Hobbs Madison Howard Shelly Johnson Mark King Matthew Lapaire Laura Navolio Tabatha Penny Metts Potter Jannov Rusli Susan Short Andrew Wallace Sean Warby Travis Bernard Travis Blanks David Chen Ashleigh Eason Haoyu Jin Brandon Jones Nicholas King Carter Kirwan Camille Kump Daniel Lawson Andrew Martin Peter McAnulty Andrew Moore Patrick O'Neill Zachary Putnam Nicholas Quimby Andrew Reep David Rojas-Holmquist Jordan Russell Samantha Ackerly Minhazul Arefin Patrich Buenaventura Peter Chen Brandon Dillard John Donnelly Samuel Fipps Kristin Grant

Jackson Springs, NC 2007 Boulder, CO 2007 Wilmington, NC 2007 DeRidder, LA 2007 Alpharetta, GA 2007 Apex, NC 2007 Raleigh, NC 2007 Raleigh, NC 2007 West Chester, OH 2007 2007 Whiteville, NC Baton Rouge, LA 2007 Green Bay, WI 2008 Bennettsville, SC 2008 Leesburg, GA 2008 Richmond, VA 2008 Morven, NC 2008 Paducah, KY 2008 Charleston, SC 2008 Church Hill, TN 2008 2008 Raleigh, NC Hot Springs, VA 2008 Scottsville, VA 2008 Charleston, SC 2008 2008 Ames, IA Greensboro, NC 2008 Franklin, VA 2008 Pikeville, NC 2008 Raleigh, NC 2008 Southern Pines, NC 2008 Fernandina Beach, FL 2008 Rock Hill, SC 2009 Fuquay Varina, NC 2009 Buna, TX 2009 Brunswick, GA 2009 Knightdale, NC 2009 Raleigh, NC 2009 2009 Notre Dame, IN Cary, NC 2009 Rockingham, NC 2009 Wilmington, NC 2009 Saint Pauls, NC 2009 2009 Wilmington, NC Raleigh, NC 2009 Fuquay Varina, NC 2009 New Bern, NC 2009 Raleigh, NC 2009 2009 Jesup, GA Durham, NC 2009 Golden, CO 2009 Milton, NC 2010 Rome, GA 2010 Durham, NC 2010 Wake Forest, NC 2010 Pfafftown, NC 2010 Raleigh, NC 2010 Huntersville, NC 2010 Atlanta, GA 2010 Covington, VA 2010 Warrenville, SC 2010 Sanford, NC 2010 Harrisonburg, VA 2010 2010 Gastonia, NC Atlanta, GA 2010 Kings Mountain, NC 2010 Wilson, NC 2010 Southern Pines, NC 2010 Cary, NC 2010 Houston, TX 2010 Augusta, GA 2011 Raleigh, NC 2011 Jesup, GA 2011 Durham, NC 2011 Thomasville, NC 2011 2011 Jesup, GA

2011

2011

Jesup, GA

Raleigh, NC

Xavier Harville Colby Jackson Sonja Jones Stephen Kaminskas Matthew Kollman Jeremy Liles Kyle Lindsay Daniel Martin Reno Mc Gaha Douglas Mehlenbacher Kevin Miller Nathan Moore Ryan Oliver Genevieve Pike **Richard Pridgen** James Pve Jessica Rogers Kolby Stockton Alyson Wade Rahat Ashique Jonathan Dew Brian Fanning Kelley Fitzwater David Froggatt Nick Hale Greg Hollis Yashar Kasebi Marianne Luna Aaron Patterson Taylor Resparc LD Robinson Aaron Ward

	Hopkins, SC	2011
	Denver, NC	2011
	Waxhaw, NC	2011
s	Fleming Island, FL	2011
	Raleigh, NC	2011
	Littleton, NC	2011
	Raleigh, NC	2011
	Wilmington, NC	2011
	Maggie Valley, NC	2011
	Jesup, GA	2011
	1	
	Garner, NC	2011
	Statesville, NC	2011
	Indian Trail, NC	2011
	Hanahan, SC	2011
	Goldsboro, NC	2011
	Mount Pleasant, SC	2011
	Greensboro, NC	2011
	Cheraw, SC	2011
	Mooresville, NC	2011
	Maysville, KY	2012
	New Bern, NC	2012
	Kingsport, TN	2012
	Wilmington, NC	2012
	Riegelwood, NC	2012
	Roanoke Rapids, NC	2012
	Orange, TX	2012
	Wickliffe, KY	2012
	Georgetown, SC	2012
	Ticonderoga, NY	2012
	Atlanta, GA	2012
	Charleston, SC	2012
	Riegelwood, NC	2012

* Deceased

CONGRATULATIONS TO OUR 2012 GRADUATES





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