

***Biltmore Hall,
Home of the College of Forest Resources.***

***On a particularly sunny day in April,
when you have a bad case of spring fever
combined with “senior-itis”
you might just forget why you are here.***

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PI *NE* TUM

**1996 - 1997
62nd Edition**

Dedicated to the College of Forest Resources 1997 graduates:
they worked harder and achieved more than they ever imagined they could.



The Journal of the North Carolina State University
College of Forest Resources
Box 8001
Raleigh, North Carolina
27695-8001

COMMENTS FROM THE DEAN

Dean Larry Tombaugh

The 1994-96 College of Forest Resources biennial report had the following equation on its cover:

Exemplary Faculty and Staff
+ Bright Students
+ Outstanding Facilities
+ Committed Friends and Supporters
= Excellence.

This is the formula we use to guide our administrative activities in the college to assure that we are delivering the highest quality of educational services to our students. It is a simple equation, but it is a powerful way to direct our attention to the essence of what comprises a first-rate academic institution.

We do have an exemplary faculty and staff. As one indicator, it should be noted that no other college of its kind in the United States has a member of the prestigious National Academy of Sciences on its faculty. We are blessed with not one but two members of the Academy.



Our faculty regularly distinguishes itself in a variety of ways, not the least is by winning many different awards for teaching. Most of our faculty members have earned international reputations for their scholarship and the quality of their ideas, but all are committed to the common goal of teaching and creating a lively learning environment.

Equally impressive is the staff of the College. I have never worked with a finer, more dedicated, more competent group of professionals. This issue is appropriately dedicated to one such person, Nancy Roberts, who served this College with total commitment and loyalty for 32 years. All of us miss Nancy's warm, gentle, caring personality. But we are also pleased that Dawn Silsbee has joined my office in Nancy's position.

The item in the equation that makes this College a particularly enjoyable place to be is the students. Quite simply, our students are wonderful young men and women. Let me offer three examples. Xi Sigma Pi is one of our honorary societies. At its annual banquet a few weeks ago, I sat at a table with about eight new inductees, and I can say without fear of correction that these are the brightest, most mature, focused, and fun young people as can be found. The second example stems from Hurricane Fran, a storm that devastated the Raleigh area last September.



Hurricane Fran damage to Schenck Forest.

“Although we are one of the smallest colleges at North Carolina State University, we are blessed with more endowed scholarships than any other.”

Several of our undergraduate forestry majors “adopted” an elderly family and, over several weekends, cleaned up the extensive storm damage from their house and property. These students were recently recognized by the Wake County Commissioners for their voluntary service to the community. Finally, I want to publicly thank Kelley Duffield for her outstanding leadership in getting the *Pinetum* published. It was about to be discontinued a year ago. Not having a continuous historical record bothered Kelley, so she took the lead in producing the *Pinetum* last year and is playing a major role in its production this year. This is the kind of initiative that we like to see in our students.

Another variable in the equation for excellence is the cadre of committed friends and supporters that we enjoy in the College of Forest Resources. One of the ways this support is manifested is in gifts of endowed

funds for scholarships. Although we are one of the smallest colleges at North Carolina State University, we are blessed with more endowed scholarships than any other. It is these scholarships that help us recruit and retain some of our really bright students. Our friends and supporters also provide private gifts for endowed professorships and gifts in kind that enable us to upgrade our teaching and research facilities.

These four variables will continue to occupy the attention of the College administrative team for some time to come. If we pursue them diligently, we will be able to continue to provide the taxpayers of North Carolina, our students, and the industries and agencies that employ our students the best education, research, and extension programs that are available anywhere.

Nancy Roberts, people have been talking about you!

By the "Officers" of the *Unofficial Nancy Roberts Fan Club*

Toward the end of the fall '96 semester, the College of Forest Resources celebrated the career and service of Ms. Nancy Roberts. Ms. Roberts was the "right hand" of the Dean's Office for over 25 years. She was a secretary to the Department Head of Wood & Paper Science for 7 years prior to that. Few persons have served the University for as long and with such dedication as Nancy Roberts.

The day of her farewell party on the second floor in Biltmore was an emotional one and her retirement banquet was even more so. But she continues to be a frequent visitor and, on occasion, a temporary employee at the College of Forest Resources. Sources close to Ms. Roberts tell the *Pinetum* that between her world travel excursions, award-winning cross-stitch she still has time to be a renowned cat-lover.

Although Nancy has so many friends at the CFR who truly miss her and look forward to her visits, several folks went "on record" on the subject of Nancy Roberts. Here is what they told the *Pinetum* about Nancy:

Dr. Lester Holley, CFR Faculty Member

"Nancy was a most outstanding secretary and a fine lady... I miss seeing her around here. She had the most burglar proof filing system you'd ever seen. There was no way any thief could figure out her mounds of paperwork."

"You know she and I are both from South Carolina. I believe that when she left South Carolina the average IQ of the state went down. Of course, when I left South Carolina after her, the average IQ went back up."

Dean Larry Tombaugh, Dean of the College of Forest Resources

"I have a distinctive memory about Nancy, aside from her superb work service to the College. The very first time I met her, before I became Dean, she had this vintage Mustang. It was a classic at that time and when I returned years later to my post as Dean she still had that car. It was like a trade mark of hers for many years."



Kelley Duffield, Editor of the Pinetum

"Wow! Nancy, I think I could learn plenty from you. Thanks for helping the Pinetum all these years."

Mrs. Mary Walker, Former Co-worker and friend.

"Nancy and I worked together for 15 years. She has also been a good friend to me too. We play bridge together and I marvel at the beautiful cross-stitch work that she does. She has won ribbons at the NC State Fair for her cross-stitch. She used to have a classic Mustang, it was bluish-green and people used to approach her on the street and offer to buy it, but she wouldn't sell!"

Eric Ellwood, Dean Emeritus of the College of Forest Resources

"I hired Nancy Roberts as an administrative assistant in 1964 when I was the Wood and Paper Science Department Head. She came with me when I became Dean in 1971 and we worked together for 25 years, until my retirement in 1989."

"Her duties were multifarious! She managed the Dean's Office, performed normal secretarial and receptionist duties. She also oversaw administrative procedures regarding research, facilities, financial matters, screening, referrals and so much more. She constantly carried an overload and was in many ways, the model service employee."

"Nancy was recognized for her high level of professionalism. In 1983 she became one of only six Certified Professional Secretaries at NC State (which had 396 secretaries in total). She was awarded the Distinguished Performance Award in 1990. Despite her achievements and praise from co-workers, Nancy has always been a modest person who managed to be pleasant to everyone even in the most hectic times."

"Nancy Roberts is one of those rare people whose combination of loyalty, comprehensive knowledge of the University, longevity with the College, helpfulness to others, warmth of human spirit and complete dedication to furthering the effectiveness of the operation, puts her in the category of a "University Treasure."

The NCFF Survives Fran and Takes the Bull By The Horns

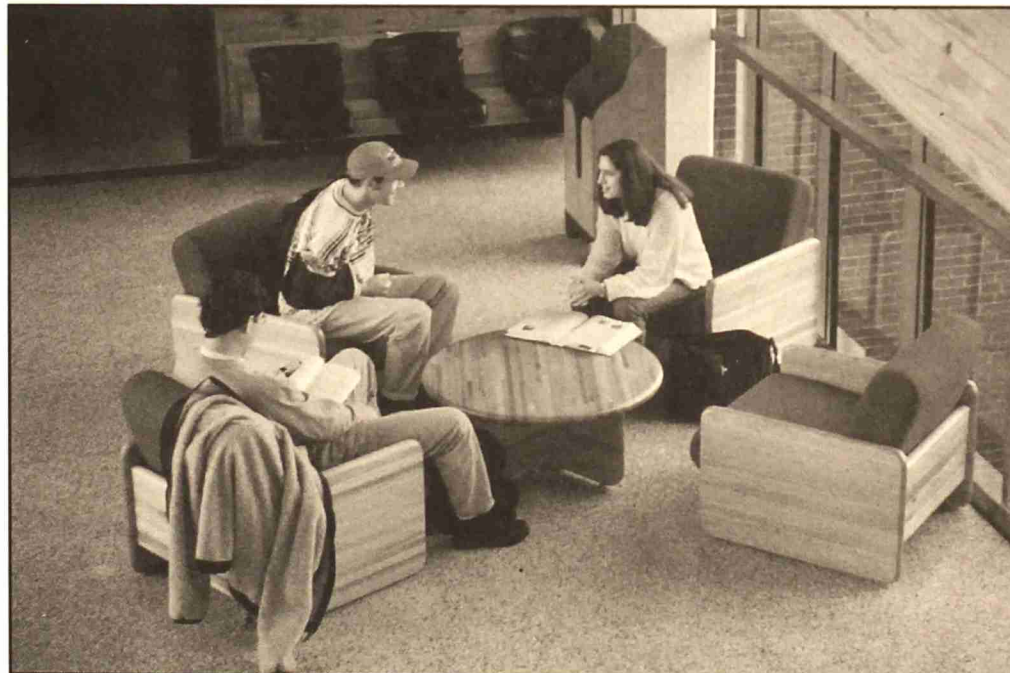
The North Carolina Forestry Foundation (NCFF) is the driving force behind the College of Forest Resources. It is the oldest foundation at NC State and has quietly been fulfilling its mission for over six decades:

“... to aid and promote by financial assistance and otherwise all types of forest education and research at, or by, the College Forest Resources ...”

The goal of providing funds for the College is met through careful management of the land and timber assets such as the Hoffman Forest in eastern North Carolina. On September 7, 1996, that goal was more than a little sidetracked. Hurricane Fran slammed into the CFR forests throughout the state and leveled a significant amount of timber that would someday become scholarships or new computers. Fortunately, the members of the NCFF oversaw a successful salvage cutting operation that made the most of the Fran disaster.

On a brighter note, the acquisition of acreage for a new educational forest was completed in 1996: Bull Neck Swamp. The tract is a 5600 acres bordering Bulls Bay in Washington County, North Carolina. The planning process for management of the forest has begun with the overall objective of providing an ecological research site where the effects of terrestrial activities on the marine environment can be better understood.

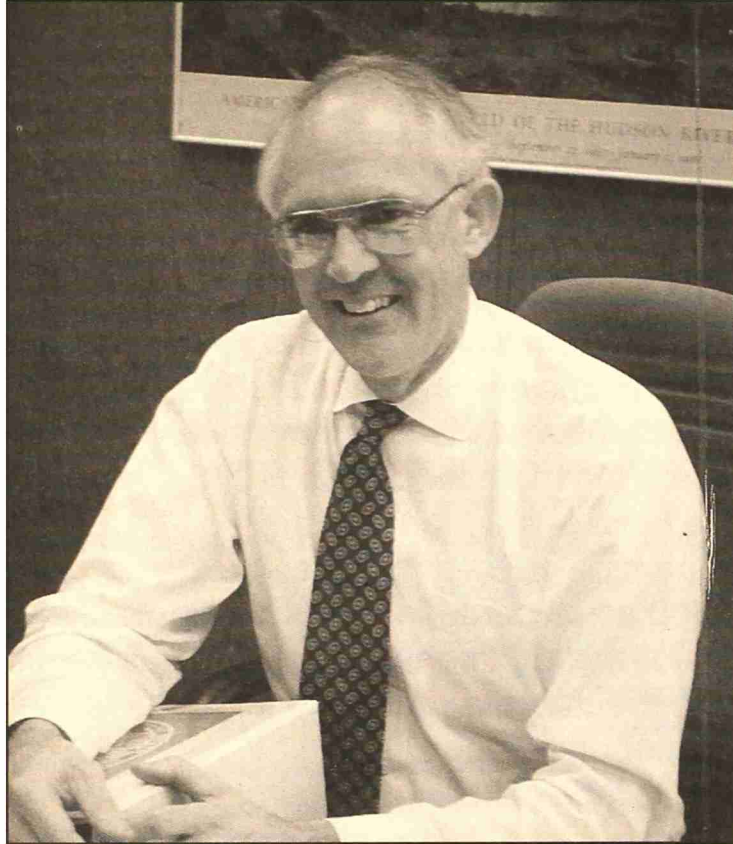
The support of the NCFF can be seen at the College of Forest Resources, but most of us don't notice it. The routine upgrading of the computer hardware and services, that we come to expect and rely on would not happen without the NCFF. Scholarships, student travel expenses (regional and international), and free tutorial services are made possible by the Foundation. Even if these opportunities have not yet made been a part of your life at the CFR, just ask yourself this question: Where did all this new furniture come from?



The Pinetum wishes to thank the North Carolina Forestry Foundation, Dean Larry Tombaugh and Mr. Ben Chilton for their generous funding of this yearbook.

Dreams and Realities

Associate Dean for Academic Affairs,
J. Douglas Wellman



"Every reform was once a private opinion."
Ralph Waldo Emerson

As Emerson correctly saw it, ideas change the world. It may take a long time for an idea to be realized, but if it is strong, and hopefully if it is good, sooner or later it will become reality.

One of the great things about working for the College of Forest Resources at NC State is how quickly good ideas have a way of turning into reality. In the seven years I've worked here, I've seen many dreams lead to changes which have strengthened the College and improved the quality of our students' educational experiences. At the risk of offending the many creative and positive contributors I can't mention in this little essay, let me give you a few illustrations of people who dreamed up ways to make this a better place and transformed their dreams into reality.

Exhibit A is the CFR Student Computer Lab. When I arrived it was housed in a small room and the equipment was severely over-taxed. Communications within the College and with the outside world were routed through "multiplexers," which were continually breaking down. With the leadership of Hugh Devine, who has chaired the College Computer Committee for years, Liz House, and many others, the lab has evolved into a first-rate facility, with Pentium and UNIX machines in the main lab and satellite labs in the departments, all fully networked and much better located. The Educational Technology Fee has provided much of the funding for equipment, but it has taken the dreams and hard work of College faculty, students, and staff to bring our first-class student computer lab into being.

Exhibit B is the Pinchot Scholars program, begun in 1996. This program involves a partnership between the Department of Forestry and the Division of Multidisciplinary Studies in the College of Humanities and Social Sciences. The Pinchot Scholars program is modelled on the Jefferson (Agriculture and Life Sciences), Franklin (Engineering), and Whitney (Textiles) programs, and it joins the DaVinci (Design) as a new program on campus. Pinchot Scholars take one additional year to achieve bachelors degrees in both forest management and either political science or international studies. This program recognizes that a keen sense of policy and a global perspective are absolutely essential to future leadership in forestry. After years of patient coaxing from CHASS Dean Emeritus Bill Toole, Dick Lancia of the Department of Forestry took the lead and, working with Forestry faculty and their counterparts in MDS, brought the program into being. The first two Pinchot Scholars are Jennifer Buzzard and Teri Galinski, and they are paving the way for what we hope will be a very successful program.

Exhibit C is the Pinetum itself. Following 60 years' continuous publication, because of lack of interest there was no Pinetum in 1995. The following year, Kelley Duffield came to me with a proposal to re-start the journal. Kelley's idea was to prepare a computerized template for the Pinetum, so that the burden on successive editors would be minimized. Kelley developed an excellent proposal for a "sustainable Pinetum," and she presented her proposal to the College Executive Committee and won their endorsement. She then led preparation of the 61st edition in 1996, and she is currently completing work on the 1997 edition. After Kelley steps down as editor, her successor will find the job to be very manageable, with a computer all set up and a manual of procedures to follow. We all owe Kelley a debt of gratitude for her creativity and energy in restoring an important tradition in the College.

So, what's next? As I write, a host of dreams and schemes are being hatched, many of which will make this a better place in the years to come. Let me close by sketching the outlines of one specific dream that is currently taking shape. On several occasions in the past few years, the university has encouraged us to think about "master classrooms," in which faculty and students would have the latest electronic learning support systems at their fingertips. Added to this of late is the suggestion that we think creatively about distance learning (which can include on-campus students located in various places and active at various times, as well as off-campus students). These calls to action recognize that we will be called upon in the future to educate many more students without building lots more classrooms, and that we must learn to accommodate different student learning patterns. For example, one prediction I have seen is that workers in the 21st Century will "return to school" seven times during their careers, on average. Education, at all levels, is key to America's future. Tech-

nology must be used to make education more efficient, more accessible, and, most important of all, more effective than it now is. NC State and the College of Forest Resources must be active participants in shaping the future of American higher education.

This spring, an ad hoc committee comprised of Carolyn Argentati (NR Library), Hugh Devine (PRTM), Scott Payne (Extension Forestry), Hal Meeks (Computer Center) and I pulled together a proposal for a "master classroom suite" in Biltmore 2010 and 2006. When this dream becomes a reality, these classrooms will be able to support both "student-directed, information-rich" education, which brings together cooperative learning and the wealth of information available through the Internet, and distance learning, which will permit our faculty to reach many more students, and to reach them at times and places that work well for them.

***“Education,
at all levels,
is key to
America’s future.”***

The master classroom suite is clearly within reach, and I do expect this dream will become a reality in the not-too-distant future. It is only one example of the many new ideas for improving teaching and learning that are bubbling up in the College of Forest Resources. In higher education today, the era of yellowed lecture notes is quickly fading, and we are entering an exciting, challenging world where the only constant is change. If we are to rise to the challenge, we must have the best thinking - and dreaming - of everyone. I encourage anyone with a dream of how to make the College of Forest Resources a better place to bring it forward—you may be surprised to see it become a reality.

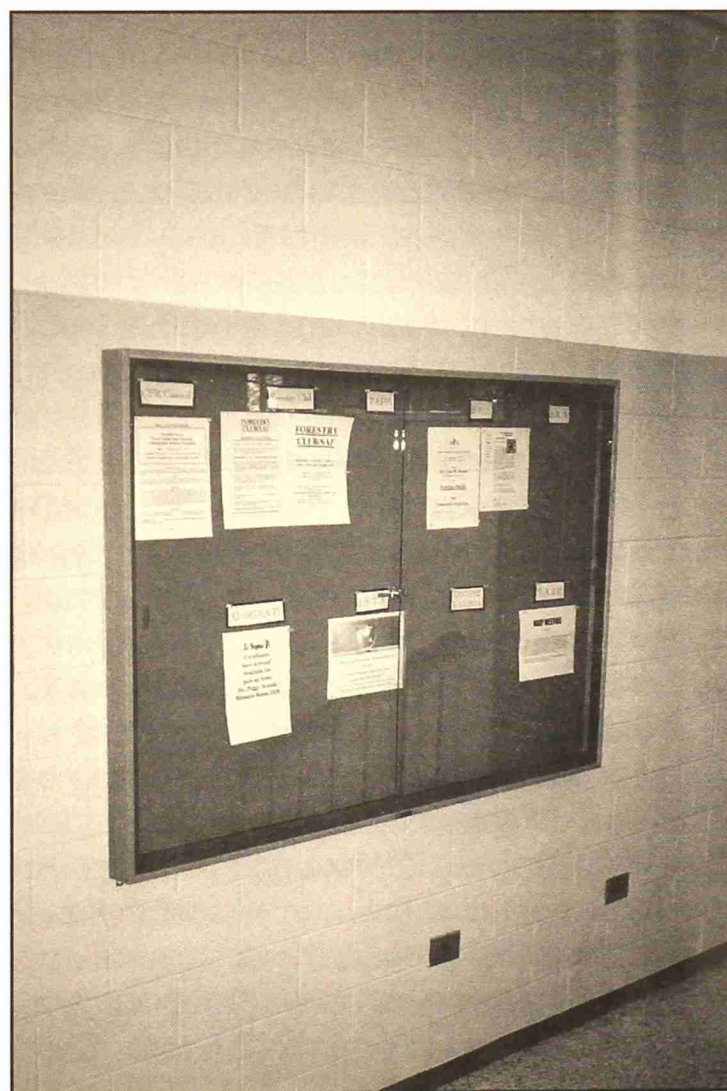
College of Forest Resources 1996 - 1997 Student Council

1996 - 1997 Officers

Michael Carver, President
Steve Shepard, Vice President
Adrienne Bailey, Treasurer

At the beginning of the Spring '97 semesters students noticed a new addition to the landing between the first and second floors in Biltmore Hall. A new display case was erected for official CFR club information. The Student Council felt that important notices and information from official CFR clubs was being lost among the advertisements for graduate school and credit cards. Since the case is glass enclosed, notices can now be posted and easily seen. Better communications between organizations and their members has been an immediate benefit.

Appropriating funds from the student activities fees is one of the most important and difficult tasks of the Student Council. The demand for funds always exceeds the supply requiring the council members to make some tough decisions. One of those decisions involved the annual CFR Dinner Dance. The council decided to coordinate with Xi Sigma Pi this year in putting on the traditional Spring Semester Picnic. This would allow the Student Council to appropriate more funds to the clubs' events. Members of the Student Council are to be commended for taking a creative approach to funding this year.



Kristina Martin Casts a Focused Net as CFR Recruiter

By Kelley Duffield

The College of Forest Resources has an "Assistant to the Associate Dean for Academic Affairs and Lecturer." Most people know her by a shorter title than the official one just mentioned; Kristina Martin is the Recruiting Officer for our College.

On March 14, I had the opportunity to interview Ms. Martin. Those who have worked with Kristina Martin will probably find the following description of her to be true. She is energetic and insightful. She is proud of the work that she has done since assuming her post and enthusiastic about the future of the CFR. She seems more than willing to put forth her best effort on behalf of the College.

In her position, she may be the very first impression that the College makes on a potential enrollee. This role comes naturally to Ms. Martin because she is a recent graduate of the College of Forest Resources. She received her BS in Parks, Recreation and Tourism Management in 1991. She spent nearly a year working with the outgoing Recruiting Officer before accepting the job permanently in June of 1992.

Her efforts are beginning to pay off. Although she assured me that the 44% growth in enrollment over the past five years is not due solely to her efforts, she is nonetheless proud of the current appeal of the CFR.

I asked her how she does it. How do you recruit for the College of Forest Resources? Ms. Martin explained, "We used to take a shotgun approach... go to any place... as many events as possible, that were invited to. We set up a display, put out some literature and answered questions."

She next described an approach that she has instituted during her tenure. "What I like to do is go after focused events which attract a target audience. And in some cases, we [CFR] create and host the event." She went on to describe partnerships with the Research Triangle Science and Mathematics Alliance, the NC Department of Public Instruction, the US For-



est Service, the National Institute of Environmental Health Sciences and the Mathematics and the Science Education Network Pre-College Program.

Ms. Martin told me that one of the most important sources for enrollment in the coming years will be from NC Community Colleges. The Forestry Department has developed articulation agreements with the four NC Community Colleges that offer Forest Management programs. These agreements will allow students from these community colleges to transfer into the Forestry Department with ease.

The newly formed First Year College at NC State is also a critical target audience for CFR recruiting. This spring Ms. Martin organized an event in which First Year College students visited Schenck Forest and Lake Crabtree Park to get a glimpse of some of the natural settings where undergraduates work.

I asked her how she has time for all of these activities. Her response was, "I really like my job. I enjoy all of these activities so much that I don't really notice how busy I am."

Recruiting activities for the College of Forest Resources take place every day. It's just another aspect of the College that most students do not realize is going on around them. Some of you have probably been put on the spot when Ms. Martin has stopped you in the hall way or computer lab and asked you to describe the experience of being a student in CFR to a prospective student and his or her family. The fact is that our friends, relatives, peers and employers judge the quality of the CFR by what they see in us. In this way, we are all recruiters.

FOR IMMEDIATE RELEASE

Dr. Michael J. Kocurek Joins NC State College of Forest Resources as Wood and Paper Science Department Head

Michael J. Kocurek has been named Head of the Department of Wood and Paper Science at North Carolina State University. In this new capacity, Dr. Kocurek will oversee teaching, research, and extension programs in pulp and paper science and technology and in wood products.

Dr. Michael J. Kocurek is a well-known educator throughout the paper industry. Kocurek has served on the Board of Directors and was named a TAPPI Fellow in 1985. He has been a member of the Board's Membership Committee and is active in its human resource Development (HRD) and Marketing Committees. He chaired the Continuing Education Subcommittee of the HRD Committee and previously headed the Board's Publications Committee. He has chaired the Research Management Committee of the Research and Development Division and the Technical Operations Council, which oversees the operations of the TAPPI's 11 technical divisions. He received TAPPI's Distinguished Service Award in 1992.

Pursuing his commitment to education, Kocurek was a review editor for TAPPI's Papermaking: The Process and the Product and Kraft Pulping Simulation interactive videodisk courses. He has been the sole instructor for TAPPI's Introduction to Pulp and Paper Technology Short Course, which has been attended by over 1900 new employees in the industry. He also served as co-instructor for TAPPI's Marketing to the Pulp and Paper Industry Short Course and Kraft Pulping Short Course.

Kocurek's leadership in the educational and professional development field has benefited Association members and technical personnel nationwide. He served as the producer and author of the 21-chapter video-tape course, Introduction to Pulp and Paper Technology, the first and most widely distributed pulp and paper series in the world. He has co-produced and co-authored videotape programs Paper Quest and Pulp Mill Quality, which troubleshoot product quality problems, and has served as a review editor for the textbook Handbook for Pulp and Paper Technologists. As a long-standing member of the Joint Textbook Committee of the Paper Industry, Kocurek is the editor of the nine-volume, third edition of the Pulp and Paper Manufacture series. He has been an in-mill instructor on pulping and paper mill operators for over 35 companies and 4000 mill production personnel. He also has authored several papers on technical trends.



Dr. Michael J. Kocurek,
Wood and Paper Science Department Head

After earning BS, MS, and Ph.D. degrees from the State University of New York College of Environmental Science and Forestry at Syracuse, Kocurek joined the University of Wisconsin at Stevens Point. He established and chaired the Department of Paper Science and Engineering for 16 years. He is presently an adjunct professor at Georgia Tech and Georgian Southern University.

In 1986, Kocurek was named Executive Director of the Charles Herty Foundation in Savannah, Georgia. As an authority of the state of Georgia, Herty is known throughout the world as a non profit, contractual R&D organization. Its mission is to conduct a broad range of laboratory, pilot scale, and limited production investigations of all fibrous materials. A \$27 million expansion program has resulted in the largest development center in North America.

In commenting on the new appointment, Dean Larry Tombaugh observed that NC State scoured the world for the most accomplished and respected academic administrator that could be found. "We got the right person," he said, "when Mike Kocurek agreed to lead our program."

Wood Products & Forest Products Society

1996-97 The Year of Terminal Velocity

By Dave Laramée, FPS Chapter President

1996-97 FPS Officers:

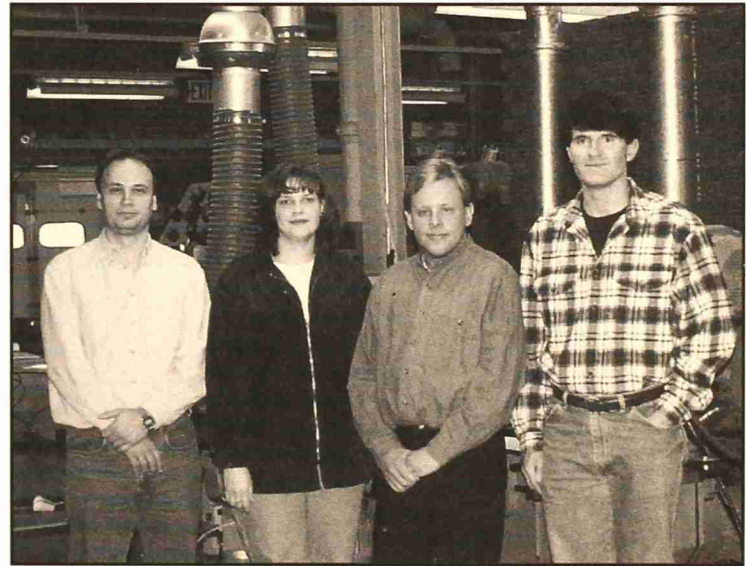
Dave Laramée, President
Pam Wall, Vice President
Jeff Chapin, Treasurer
Scott Macaulay, Secretary
Steve Shepard, CFR Counsel Representative

The 1996-97 year was productive and a whirlwind for the NCSU Chapter of the Forest Product Society and the entire Wood Products Program. The FPS Club, the professional society for Wood Products majors and graduates, never stopped as we averaged one meeting every three weeks throughout the year. We started out with a picnic and it just got better from there. Every meeting included guest speakers, that traveled from as far as Florida, that were eager to speak to us, provide insights into the wood products industry, provide training, employment opportunities, and interactive discussion. Our speakers included:

Mr. Pat Altham, Huntersville Hardwoods Inc., NC
Ms. Le Ann Fenton, Willamette Industries, SC
Mr. Kevin Griffin, Neste Chemicals, NC
Mr. Randy Grissom, Costa & Grissom Mach. Co., NC
Mr. Scott Grissom, Costa & Grissom Mach. Co., NC
Mr. Alan Jones, Champion International, GA
Dr. Michael Kocurek, WPS Dept. Head, NCSU
Mr. Gene Kropfelder, Champion International, GA
Mr. Richard Peters, A.G. Raymond and Co., NC
Mr. Art Raymond, A.G. Raymond and Co., NC
Mr. Keith Smith, Hardwoods of Morganton, NC
Mr. Gary Young, Champion International, FL

Our academic year started early with the summer's five week practicum where students studied everything from lumber grading to furniture finishing techniques. At the end of the course every student brought home a magnificent three draw chest that he or she had built and finished themselves. Each took hours every day for weeks to finish and the end result was a premier quality chest that would brighten up any Pennsylvania House showroom.

The academics continued to be challenging and the heat never stopped for the countries leading Wood Products Program as Dr. Myron Kelly, Dr. Bo Kasal, Dr. Elisabeth Wheeler, Mr. Bill Bryan, and staff pushed us to the limits along with the program's newest professor, Dr. Perry Peralta. Both faculty and students maintained a program that was productive, rewarding, and full of vigor that most college programs never see. Because of the programs unique size and extreme professionalism, faculty and students bound together into a single entity that drove the curriculum to great heights of academic excellence. New standards were set and a new breed of student produced. It was truly an ultimate achievement and a whirlwind experience. An adventure that built us into professionals and one we will never forget.



"Congratulations to the Class of 1997. Good luck to all of you."

"Keep up the hard work Undergraduates. Maintain our proud tradition of being the best Wood Products majors in the industry."

"Thanks Professors... for guiding and pushing us. We're forever in your debt."

- Dave Laramée

Wood Products Summer Practicum

By Bernard (Bernie) Harberts

The summer practicum is the first time Wood Product students apply their classroom knowledge to the machines and kilns found in Hodges Lab. For most, it marks the transition from studying wood to working with wood. During the five weeks they spend in the lab, they are exposed to the equipment and processes they will find when they graduate. They will build, sand, spray, sweat, swear, and study together. And after five weeks of toil, they will emerge with the fruits of their labor.

To individualize the experience, each student builds a piece of furniture. This year's participants built a three drawer chest. Working in groups, participants transformed green lumber, rough sawn planks, and composite cores into useable components. Drawer fronts were shaped and glued, moldings cut, and tops were beveled. Once sufficient pieces were made, students began assembling individual chests. As the weeks progressed, rails joined stiles, bottoms aligned with sides, and fronts met drawers. Before long, Hodges Lab resembled an assembly line full of furniture awaiting the final finishing coat. By the time they left the spray booth, each chest reflected its builders personality.

But the whole practicum is not spent in the lab. During the last week, students took to the road to visit area wood product plants and industrial facilities. On Monday everyone eagerly piled aboard two red vans bound for their first encounter with industry. This first hand glimpse into the wood industry proved to be an

eye opener. Far from the Ivory Tower and the calculated confines of Hodges Lab, students saw the practices they would face after graduation (both good and bad). The scope of places visited was impressive. At Jordan Lumber Company students witnessed the modern technology of producing structural lumber. At Willamette they saw the processes that come together to produce oriented strand board (OSB). In Chadbourn, North Carolina, they watched high quality desks produced that were destined for offices of top executives around the world. Then finally, at Georgia Pacific, students watched as logs were peeled and laid up into high quality plywood.

In addition to visiting eleven operations, students had a chance to meet graduates from the NCSU Wood Products curriculum. These contacts convinced students that they would really use the material they were studying. But by Friday the week on the road had taken its toll. On the ride home the vans were all quiet. Spent by their encounter with the "real world," students passed the time dreaming of the challenging years of college ahead and the day they would return to companies like these, ready to work.

After five weeks of intense study and hard work the practicum drew to a close. The lab was straightened up, glistening chests loaded into padded trunks, and new friends said good-bye for awhile. With a grand sense of accomplishment, and a twinge of sadness, students left for their homes, internships, and summer jobs. The transition from raw talent to polished experts had begun.



1996 PRACTICUM. - The summer's practicum graduating class. It was a proud day, sun shining, furniture completed, and students anxious to leave for the summer. -(Kneeling, left to right) Craig Stewart, Keith Barrow, Josh Herring. (Standing, left to right) Susan Stone, Brian Cardini, Scott Macaulay, Chris Smithing, Scott Metheny, Shawn Sanders, Adrain Cameron, Doug Willis, James Bailey, Jason Roberson, Scott Rumble, Jason Krings, Dave Laramée, Clint Boggs, Jeff Chapin, Josh Ward, Derrick Carr. (Not present but never forgotten) Steve LaFrance.

May 1997 Wood Products Graduates

Adrian William Cameron
David Paul Laramée
Scott Michael Macaulay
Frederick Mitchell
Robert Michael Padula, Jr.
Jason Lee Roberson
Christopher Thomas Smithing
Craig William Stewart
Pamela R enee Wall



(Front row, left to right) Jeff Chapin, Craig Stewart, Crystal Shipman, Shawn Sanders, Alan Barnes, Richard Kelley. (Mid row, left to right) Derrick Carr, Bob Padula, Chris Smithing, Adrain Cameron, Scott Macaulay, Fred Mitchell. (Back row, left to right) Jason Roberson, Pong Wondeethai, Keith Barrow, Pam Wall, Dave Laram e, Steve Bennett, and Doug Willis.
(Not shown) Brad Kinney and Brandon Mallard.

Potts Informs TAPPI/PIMA

1996-1997 Officers

Gene Foster, President
Jennifer Hinson, Vice President
Karen Shigehara, Secretary
Valerie Pai, Treasurer
Programs Chair, Julie Lovelace
Publicity Chair, Jordan Laufer

Class Representatives

Senior Class Rep., Brad Lucas
Jr. Class Rep., Shannon Bumgarner
Soph. Class Rep., Jason Mayberry
Fr. Class Rep., Mark Chipley
Student Senate Rep., Brent Shorter
Forestry Council Rep., Cory Knox
Textile Rep., Amy Zech

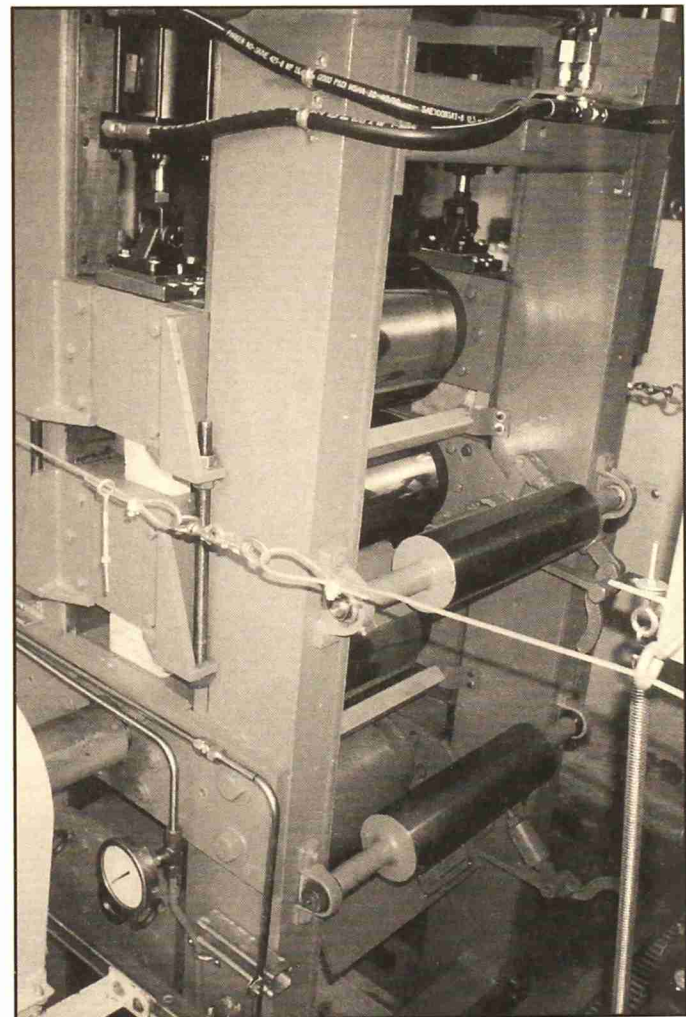
TAPPI/PIMA members were very busy during the 1996-1997 academic year. Numerous companies came in and talked with the students about their companies, and possible permanent positions and summer internships.

During the month of February, Kevin Farley, of Ashland Chemicals, and Willis Potts, Vice President of Union Camp, presented a program to the PIMA chapter about what Pulp and Paper students have to look forward to after graduation. It was an inspirational speech, which was enjoyed by all who attended.

The fund-raiser we are doing this year includes hats and golf balls. These will be on sale soon. See any of the officers to make a purchase.

TAPPI is participating in intramural sports this spring with a coed softball team. If anyone is interested in playing, there is a sign-up sheet on the bulletin board. We want everyone who can play to play, so sign up today.

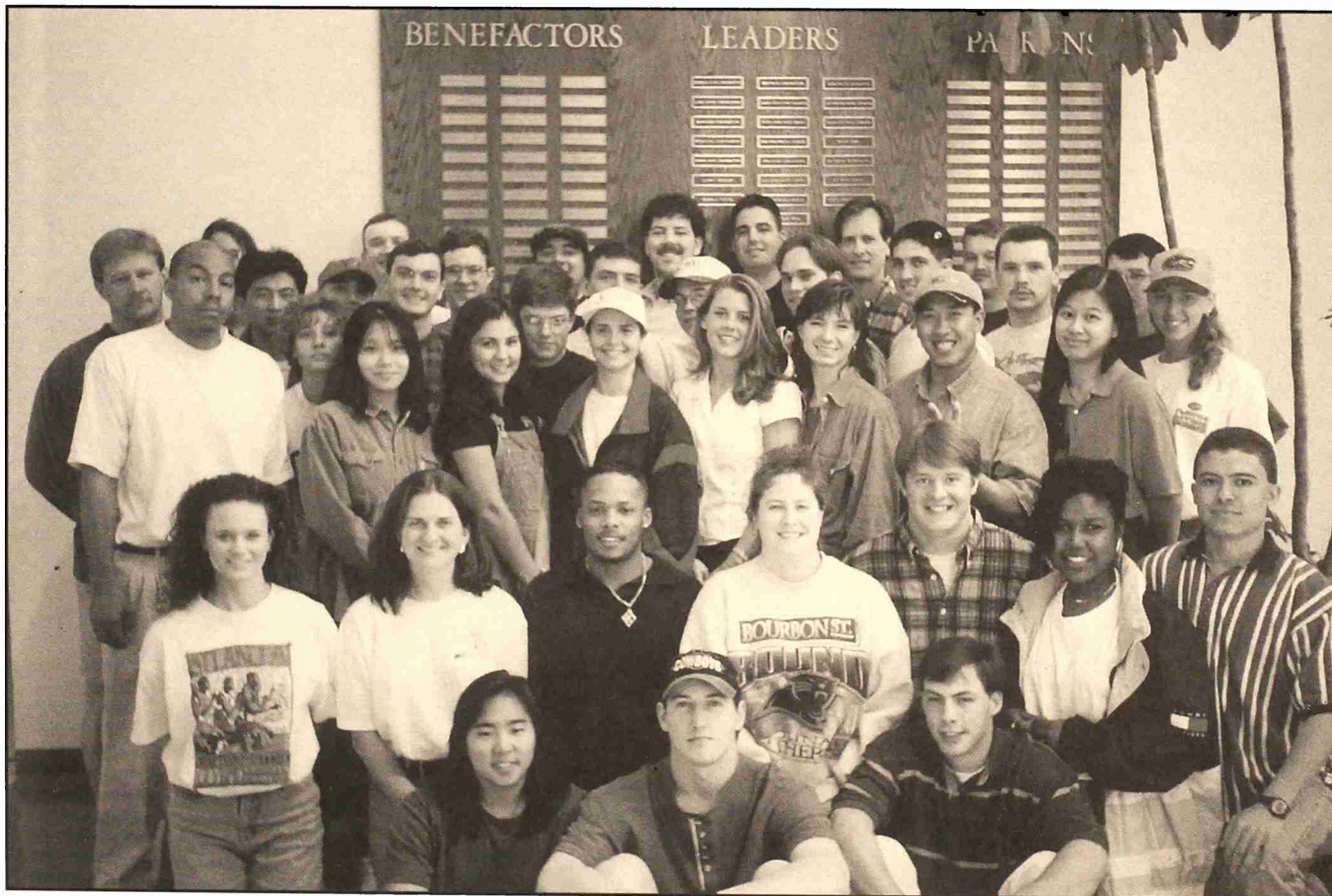
There are approximately 45 students graduating this year. Congratulations and good luck to all the graduates as they progress into the "real" world. As for the under class students, see you next year!!



May 1997 Pulp and Paper Science and Technology Graduates

Marcus Wayne Barnes
Chad Nason Caldwell
Matthew David Campbell
David Lloyd Clemmons
Britt Mills Haddock
Khaleda Hamid
Jennifer Louise Hinson
Veronica Jill Huneycutt
Paul Michael Jett
Ayanna Nicole Hunter
Thomas McLachlan Jenn
Jane Ching-Chin Lee
Julie Spaeth Lovelace
Robin Rodrickus Lowery
William Craig Martin

Ryan Philip McNair
Patrick Scott Morgan
Valerie Ivy Pai
Michele Leigh Parsons
Jennifer Dale Raiford
Gene Stanford Revell
Chester Lewis Rowe, Jr.
Karen Reiko Shigelhara
Mark Andrew Thornton
Jason Lee Tucker
Donald Paul Turk
Valerie Jean Vonnoh
Li Wang
Chancey Boyce Calvin Washburn
Edward Morgan White



NC State's Chapter of the National Association of Environmental Professionals Has Successful Year

1996 - 1997 Officers

Chris Rivenbark, President
Shannon Shinault, Vice President
Selina Gilliam, Secretary
Jennifer Rowell, Treasurer

The Student Chapter of the National Association of Environmental Professionals (NAEP) was established in order to provide a forum for students, faculty and staff, to exchange information, ideas and experiences, relating to environmental vocations. The organization strives to promote the advancement of the state-of-the-art in: interdisciplinary environmental education, research, planning, assessment, review and management.

The NC State Chapter of the NAEP has come into its own in the past year. Meetings were held regularly at various locations on and off campus. The organization draws from all Colleges within NC State. Students from diverse studies like political science, agriculture and geology find the meetings interesting and valuable. Dr. Gary Blank, the Faculty Advisor for the club, encourages the exchange of information between students of different curricula. The meeting topics and guest speakers keep things lively and thought provoking. The sale of NCSU vs. ECU football T-shirts was so strong, that the club had to order twice and continued to get requests for the shirts even after NC State lost the game.

The NAEP at NCSU fosters an on-campus awareness of pertinent environmental issues and ideas that affect natural resources and all people on local, regional, national and interna-



tional levels. The local chapter adheres to the NAEP, Inc. Bylaws and Code of Ethics and Standards of Practice for Environmental Professionals. Delegates from the NC State Chapter will be attending the NAEP annual meeting in Orlando in May '97.

Membership in the organization is open to all students, faculty and alumni of the university with a professional interest in any environmentally related field. Voting members include undergraduate and graduate level students, enrolled in environmentally related degree programs and who attend at least one regular meeting per semester. Students are encouraged to become individual members on both the local and national levels of the organization. Meetings of the NCSU Student Chapter of the NAEP are held at least twice per semester and are open to all interested students and faculty.

May 1997 Natural Resources Graduates

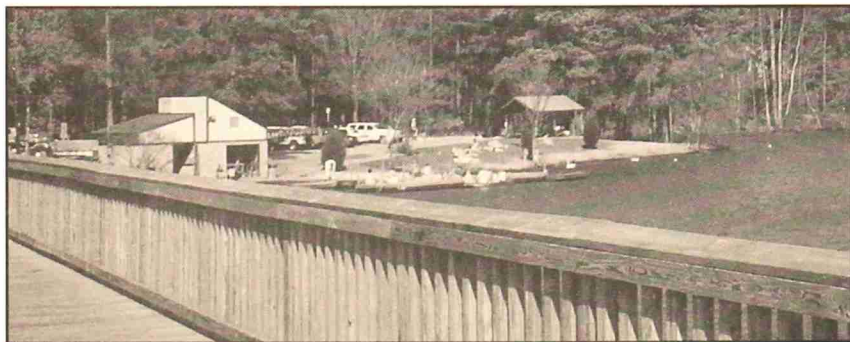
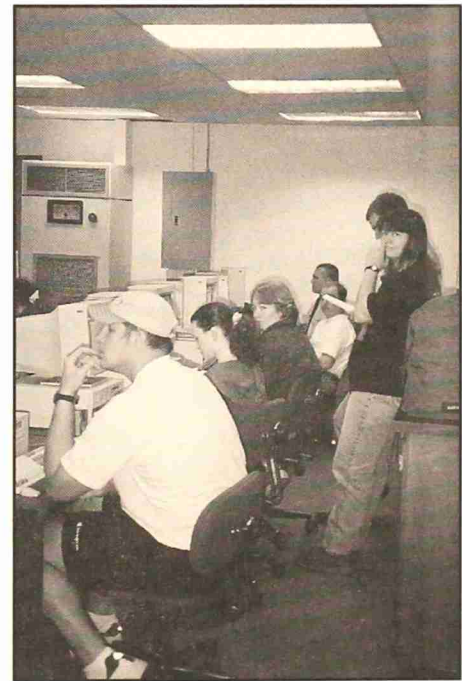
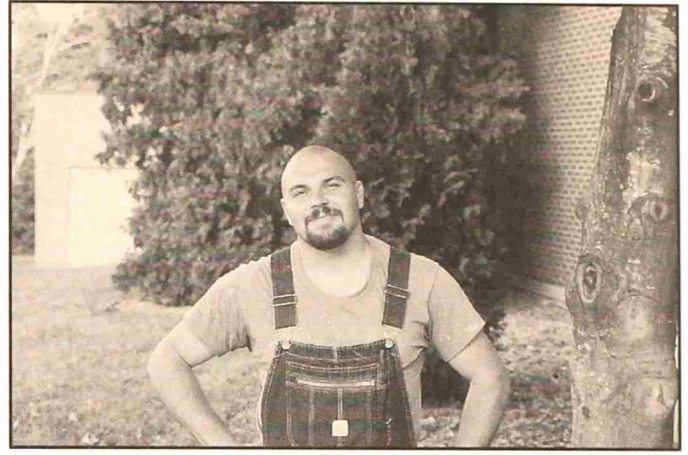
Policy & Administration

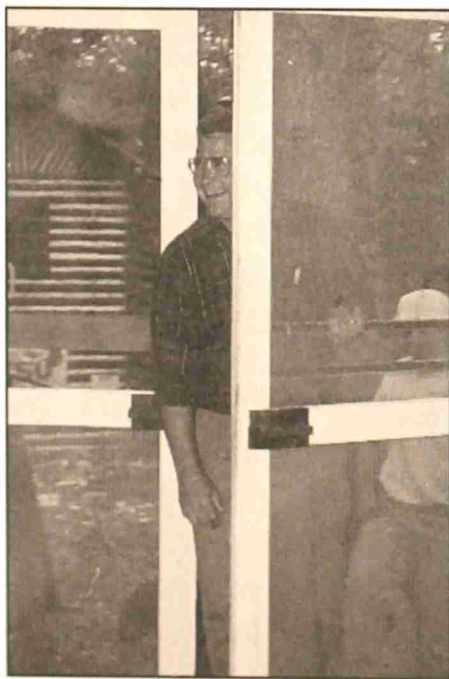
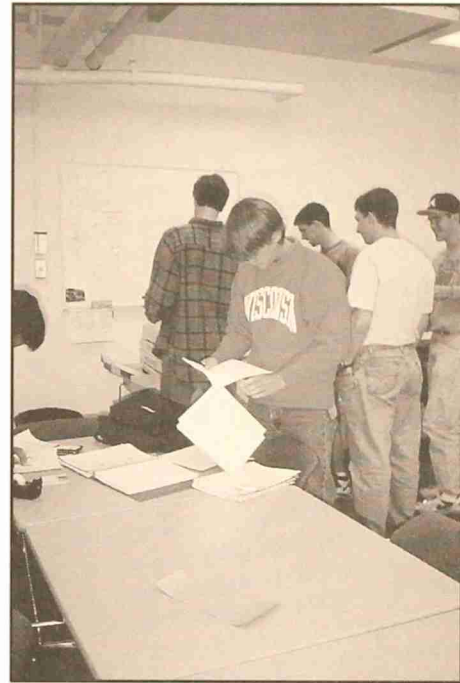
Roy Hunter Copeland
Kelley Margaret Duffield
Stephen Edward Garrett
Selina Marietta Gilliam
Mark Adrian Greene
James Anthony Lichiello
Shearer Kemp Luck

Ecosystem Assessment

Jeffrey Steven Baldwin
Ethen Allen Brodrick
Mark Anthony Burnette
Shanon Maclean Carter
James Daniel Cooper
Joshua Adam Handest
Daniel Patrick Ingram
Michael Ross McCoy
Tracy Dawn McDonald
Charles Edward Olson
Lisa Snyder Warlick
Jeffrey David Wind







Recapping Another Great Year in the Department of Forestry

By Fred Cabbage, Department Head



The Department of Forestry has continued to have substantial accomplishments in the 1996/1997 academic year, ranging from student activities and awards to faculty accomplishments. The undergraduate students in the Department of Forestry have been active in 1996 and 1997 in forestry recreational and professional activities. One of the highlights of the undergraduate forestry accomplishments started on a dubious note, when Hurricane Fran struck the Raleigh area in September. The Forestry Club volunteered to apply their excellent forestry and logging skills to help many local residents clean up the windfalls and yards. On the same weekend, we hosted 21 Danish forestry students and faculty, who camped out without power or hot water at the Hill Forest for three days. In February the NCSU forestry students were recognized by the Raleigh City Council for their exceptional disaster relief efforts.

At the annual Society of American Foresters meeting in Albuquerque, four students from the Club advanced all the way to the final round of the student Quiz Bowl, in their first time entering the competition ever. Several students also attended the Appalachian SAF meeting in Williamsburg as well. The Natural Resources students continued to sponsor many programs with their student chapter of the Natural Association of Environmental Professionals, and planned to send undergraduates to the N.A.E.P. national meeting in Orlando at the end of the 1997 academic year.

Many changes have occurred in the faculty. Several faculty were hired to replace individuals who left or retired, and several of our excellent research programs also hired research faculty, who also contribute to our graduate instructional programs. New faculty that have been hired in the last couple of years include Gary Hodge, quantitative genetics, CAMCORE genetics program; Bialian Li, quantitative genetics, Tree Improvement Co-op; Ben Bergmann, tissue culture; George Hess, biomathematics and ecology; Heather Cheshire, remote sensing; John Frampton, Christmas Tree Genetics; Scott Payne, extension associate, electronic technology; Robert Bardon, extension silviculture and ecology; Mark Ducey, quantitative silviculture; Daniel Robison, hardwood silviculture and co-op director; and Erin Sills, interim economics and international forestry. In fact, we have hired as many new faculty in the last two years as the total number at some forestry departments. We also have hired a host of research associates and research assistants, and post-doctoral scientists as well, which certainly help make us one of the most active research

programs in the country. These individuals and projects make us a leader in research development and extension, as well as help provide many jobs and projects for our undergraduates. Keeping up with all the activities and finding space for all these faculty is another challenge, but an envious position to be in.

The faculty have provided unmatched leadership for NCSU as well for the Department of Forestry. Richard Lancia continued to serve as the first (interim) Director of the NCSU Center for Teaching Excellence. Art Cooper served as the Faculty Representative for the NCSU Athletic programs, and chair of the ACC representatives this year. He helped hire what appears to be our excellent basketball coach, and we hope will not be leading searches for other key coaches. Jim Gregory has served as the coordinator for the Natural Resources undergraduate programs and the Environmental Science programs for all departments on campus. Lester Holley remains as one of the most experienced and effective Graduate Program Directors on

“All our degree programs, students, and faculty are contributing to make the NCSU Department of Forestry a recognized leader in the South and the nation.”

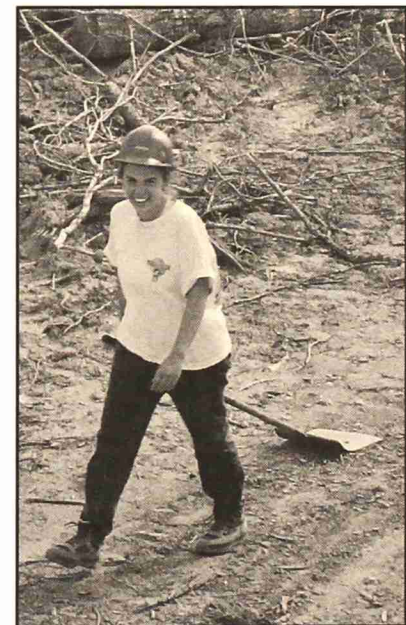
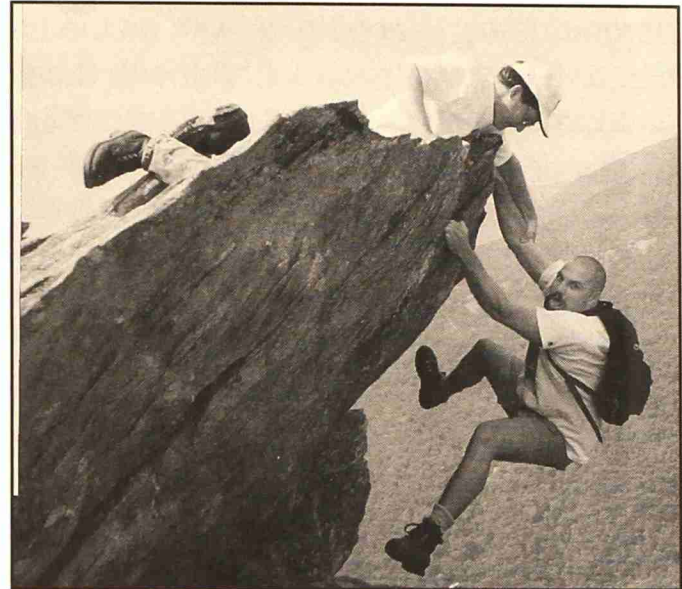
campus--leading the largest forestry graduate student program in the South, with 140 students. All our degree programs, students, and faculty are contributing to make the NCSU Department of Forestry a recognized leader in the South and the nation.



Dr. Cabbage welcomes forestry freshman and their families.

Forestry Summer Camp '96

If you were at forestry summer camp in 1996, you probably remember the mosquitos. You probably remember the smell of breakfast. No doubt you remember the sound of wood thrushes in the morning and whip-poorwills in the night. You probably remember some hairy moments on the bus and close encounters with hairy creatures everywhere else. If you were at forestry summer camp last year, you probably remember some of these phrases too.



"Old Girl"

"Do we need a waterbottle for the mountains, Scott?"—McRee

"I think we can make the mud hole."—Dr. Braham

"My voice should hit puberty any day now."—Wilson

"Well, I kinda need to draw it on the board."—Daniel Carpenter

"It's all good."

"I need to sober up."

"That is what people back home do."

"Hell and Hot Grits!"— Smokey the Bear

"Let me see a picture of yo' girl."— Needham

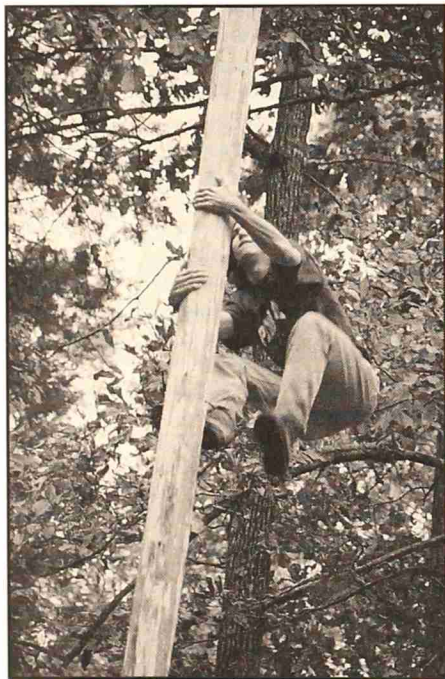
Thanks to Heather Kendall for her contribution of these summer camp quotes.

Forestry Club's Rolleo Competition

October at NC State's College of Forest Resources means ROLLEO. A full day of fun, food and good-natured competition. It's a day at Hill Forest when students, faculty, alumni and their families come together to observe and carry on the tradition of woodsman's arts. Competition between the classes can be intense yet anyone who wants to try their hand at log-rolling, dendrology or crosscut saw can give it a try.



ber Class of '98, alumni will be at Rolleo next fall, ready to take you on again!



After a beautiful day with spirited competition, '96 Rolleo attendees enjoyed plenty of good food and wild story-telling into the night. Thanks Forestry Club, faculty judges and food committee members for another fantastic day at Rolleo!



This year the Senior Class edged out the Junior Class for first place standing after all the events were through. Some outstanding performances by Sophomore Class members indicates that next year's competition will be exciting. And remem-



Forestry Club/SAF

1996 - 1997 Officers

Daniel Carpenter, President

Joey Nicoll, Vice President

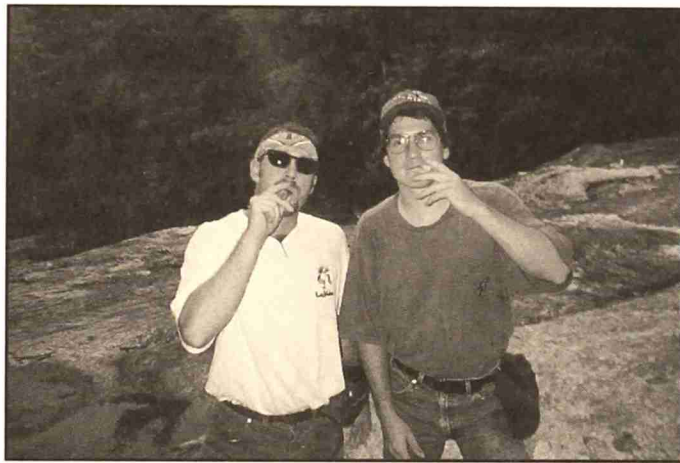
Julien Booth, Treasurer

Jason Cotten, Secretary

Kristofer Baker, Sargeant at Arms

Forestry Club/Society of American Foresters at NCSU was first introduced to me during my orientation to the College of Forest Resources one hot summer day in 1993. I was invited to come to the meetings by the club president. I took up the offer and I can honestly say that being involved in NC State's Forestry Club/SAF had a positive impact on my academic and personal life.

Over the years I have seen the club change. The first few semesters had the club led by strong officers with direction. The club then went through two lean years with low membership and poor meeting turnout. The past two years have been an absolute success for the club. Membership is rising and meeting turnout is terrific. Events such as Crabfest, Roanoke Rapids, and Rolleo (just to name a few) have had many



NCSU foresters and friends competing. There is more energy in the Forestry Club than I have ever seen. This energy should be attributed to our current president, Daniel Carpenter. Daniel has given the club a swift kick in the tail. The current officers have followed Daniel's lead and are very effective at guiding the club in many ways. Hats and T-shirts always seem to be in demand and not in stock. New and high quality equipment will now accompany the club to Conclave in Georgia thanks to the donations by students, alumni, faculty members, and the College of Forest Resources. The club has had a very prosperous year.

All the credit for the success of the club cannot be given to the officers. Credit is to be given to the members who regularly turn out for meetings and events. Many members have helped in different ways, all the while powering the club through the year. Faculty members, including Dr. Joe Roise, have assisted

the club over the semesters. We thank all those who have helped and invite all to come to our meetings.

On a personal level, I must note what the Forestry Club has meant to me over the past four years. First, I have many friends that I have become close to thanks to the club. Sure, it sounds sappy, but it is true! Remember the president that invited me to a meeting on that hot summers day? I now duck hunt, smoke cigars, and talk about stuff we're not supposed to talk about with him. Daniel, the current president, is a regular at the "Baker Bistro". Many club members head to the Farmer's Market for lunch together. I know I will have these friends for a lifetime. The experience of



being a club officer has been great. (Looks good on a resume!) Finally, the most rewarding experience for me in the NC State Forestry Club/SAF has been the opportunity to meet Mr. and Mrs. Bradshaw.

After Hurricane Fran rolled through Raleigh last fall, the Forestry Club adopted an elderly couple, the Bradshaws. Mr. Bradshaw suffered several strokes in the months before the storm and he was in no condition to work on the fallen trees in the yard. The Bradshaws are also retired and their money needs to be spent on necessities. Club members and students in Dr. Roise's FOR 405 class pitched in and cleaned up the Bradshaw's yard. Club members went back in December to clear debris from the sidewalk after the City of Raleigh sent a letter to the Bradshaws requiring the work to be done. I was there each time the club went to the aid of Mr. and Mrs. Bradshaw. I will never forget the gratitude in Mrs. Bradshaw's voice and the love in her hugs as she thanked us all for helping them out. If there was just one thing that I could take with me from my four years in Forestry Club, it would be a hug from Mrs. Bradshaw.

I hope this motivates students and faculty members to get involved in the NC State Forestry Club and the Society of American Foresters. The time you spend will pay off in ways you never dreamed.

- Kristofer Baker

Road to Conclave

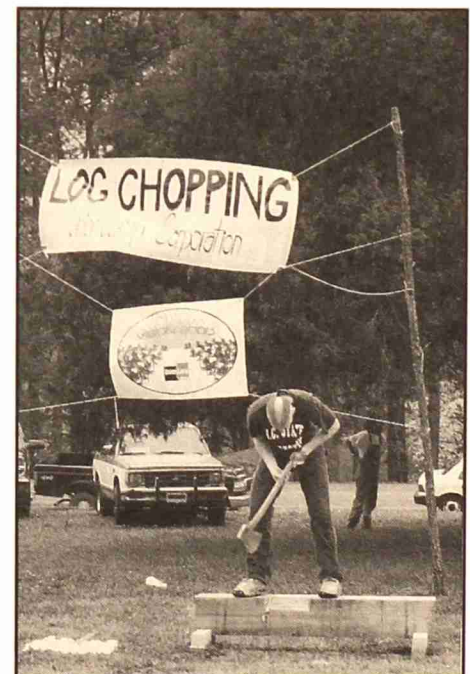
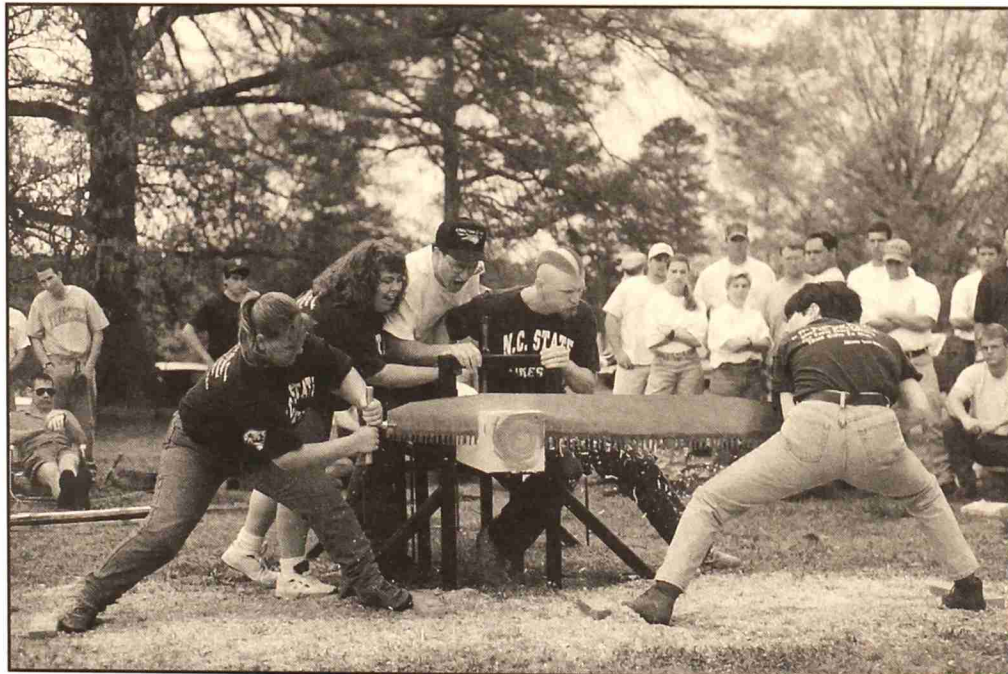
The NC State Forestry Club Conclave Team was ready. Energetic fund-raising during the previous year allowed the team to purchase some new equipment in the fall. Club membership and support of the Forestry Team were strong. There were more practices, more training sessions and plenty of warm-ups to Conclave. Team members showed their stuff at Rolleo in October. They made good showings at the Crabfest and Roanoke Rapids. They talked tough at the Appalachian Section of the Society of American Foresters Annual Meeting in Williamsburg.



On March 25th a contingency of over 30 students and faculty hit the road for Conclave in Madison, Georgia hosted by the University of Georgia. From March 26th through the 28th everyone back at the CFR was rooting for the team. The team came in thrid in overall competition with some outstanding performances!

Shannon McDonald	Air Photo Identification	2nd Place
Daniel Carpenter	Dendrology	1st Place
Ryan Keeter	Compass & Pacing	1st Place
Michael Elliott	Pole Classification	1st Place
<i>Second Place Overall Standing for Technical Events</i>		

Joey Nicoll & Clay Jenkins	Log Roll	3rd Place
Rob Montague	Bow Saw	2nd Place
Rob Montague & Daniel Carpenter	Men's Cross Cut	1st Place
Heather Williams & Heather Hargis	Women's Cross Cut	1st Place
Heather Williams & Daniel Carpenter	Jack & Jill Cross Cut	1st Place
Andy Jenks	Log Chopping	3rd Place
<i>Third Place Overall Standing for Physical Events</i>		



Xi Sigma Pi, Mu Chapter

A Year of Growth

1996 - 1997 Officers

Kelley M. Duffield, Forester
Beverly Mewborn, Associate Forester
Christopher Mewborn, Fiscal Agent
Karen R. Hall, Forest Ranger

Like most activities and organizations at NC State, Hurricane Fran caused the Mu Chapter of Xi Sigma Pi to put off its traditional fall activities. Despite the slow start, the Forestry Honor Fraternity attracted one of the largest and diverse groups of initiates in years. On February 6, 1997, after hand-crafting plaques and acquiring the necessary signatures, fifty-six undergraduates, graduates and faculty took the oath of membership.

Mrs. Peggy Arnold continues to be the day to day muscle of the Mu Chapter by keeping all of the membership records and performing the large mailings needed to keep the organization on track. Kelley Duffield, Mu Chapter Forester remarked, "Xi members have no idea the database and mass mailing activities that Peggy Arnold performs for our chapter. After we have left NC State, Peggy Arnold and Dr. Rich Braham keep the Mu Chapter of Xi Sigma Pi going. We take that for granted don't we?"

1996-1997 Initiates

Jane Marie Almon	Terri D. Lail
Kristofer Clark Baker	Philip A. Larson
Jerry L. Bettis, Sr.	Shearer Kemp Luck
Judith L. Binns	Shannon M. McDonald
Scott Bode	R. Owen Miller
Peter W. Boettinger	Jennifer Anne Moore
Michael Thomas Brame	Matthew R. Needhan
Sean Brogan	Helen S. O'Donnell
Shannon Bumgarner	Kelly A. Porter
Anthony J. Cascio	James W. Price
Susan A. Cohen	Matthew L. Quick
David A. Council	Ryan R. Rodgers
Christa M. Dagley	William Russell
Renina F. Dameron	Brian J. Smyrski
Christopher M. Dunlap	Kimberly S. Spangenburg
Robert J. Eaton	Deborah A. Stark
Jeffrey A. Goodwin	Craig W. Stewart
Jason I. Guidry	Kathleen T. Summit
Michael Halstead	Joseph R. Swartz
Matthew Michael Haney	Todd J. Tugwell
Eric S. Harrold	Li Wang
Claude H. House	Chancey B.C. Washburn
Bryan H. Hulka	D. Norton Webster
Michael G. Jacobson	Jeremy J. West
John R. Kascenska II	Michael J. Young
Heather A. Kendall	Nicole C. Zanini
Stephen M. LaFrance	Ashley J. Zickefoose

International Society of Tropical Foresters

Belize or Bust!

1996-96 Officers

Julie Fontaine, President

John Russell, Treasurer

Wendy Newberry, Secretary

Mat Cooksey, Trip Coordinator

The Raleigh Chapter of the International Society of Tropical Foresters (ISTF) is a student - run, nonprofit organization based at North Carolina State University (NCSU). The organization has greater than 1000 members worldwide. The Raleigh Chapter acts in concert with the Office for International Programs of the College of Forest Resource (CFR). The objectives of the ISTF are 1) to advance the science, technology, education and practice of professional forestry in the tropics and to use the knowledge and skills of the profession to benefit society as a whole 2) to encourage and support the activities of the International Programs of the CFR and the Department of Forestry at NCSU; and 3) to encourage and support ISTF members in their personal and professional development while undertaking their degree programs at NCSU.

Each spring, ISTF organizes a field trip to a "tropical" country. This is the capstone academic experience for future professionals in the fields of tropical conservation, forestry and biology. The objective is to present interested and motivated students and faculty, to the many aspects of tropical forests and a wide variety of projects including industrial plantations, community forestry initiatives, and biodiversity and conservation research. Students without previous tropical or overseas experience gain valuable insights into the culture of a particular country, it's tropical forest management, development and conservation.

"Integrated Strategies for Tropical Conservation and Management" is the title of the 6th Annual Field Trip to Belize, in tropical Central America. It is scheduled for May 14 - 28, 1997. The Trip Leader, John Marc Dreyfors has visited Belize many times in his career as manager of Forests of the World, LLC. It is assured to be 14 days filled with fascinating insights and cultural surprises.

ISTF meets monthly to hear guest speakers and view slide presentations, focusing on some issue in the international arena. Topics usually include current research issues in the tropics in which students and faculty are involved. ISTF also organizes annual events such as conference attendance and special guest speakers. Membership in the organization is open to any person with an interest in international forestry and environmental issues.



Fisheries and Wildlife Program: Integral Part of the CFR

Starting fall semester, 1996, half of the incoming Fisheries and Wildlife Sciences majors were assigned to the College of Forest Resources (CFR). Although the Fisheries and Wildlife Program is jointly administered by the departments of Zoology and Forestry, only graduate admissions were shared previously between CFR and the College of Agriculture and Life Sciences. The new procedure will gradually phase about half of the 160 wildlife majors into the CFR. The unique relationship between the departments—a logical one to mesh animals and habitats—should meet with continued success.

Every summer on Hill Forest, Wildlife and Forestry majors alike have to sweat out their grades through a series of real life field working experiences. During the summer of 1996 wildlifers spent six weeks learning through hands on experiences, but this was no stroll through a park. Wildlife students rose with the birds every morning and spent most days working on their research projects, going on field trips, or listening to guest lecturers. Occasional free afternoons were filled with fishing, bow practice, or trips to town for a little R&R. Somehow though, late at night, in between writing research papers and studying for tests, students managed to find a little free time for mild-mannered, stress-relieving social endeavors. Therein laid the crux of summer camp and the wildlife program itself. Only when forced to live in pest ridden cabins for weeks-on-end, washing filthy dishes, and scrubbing toilets together did the camaraderie of a lifetime develop. Kindred spirits realized that they were in this together, and that made all the difference.

A grateful summer-camp bunch will not forget the wisdom of Dr. Lancia, our faithful leader, nor the wealth of knowledge bestowed by Mark Johns. Great appreciation also goes to Dr. Noble for fish week and to the dedicated and forgiving TA's, Brent Lineberger and Jeanine Tardiff. Thanks also goes to Shawn Hopson (Bam-Bam), the camp steward.

- Neill Yelverton, Class of '98

Fisheries and Wildlife Program Graduates

Spring 1997

Stephen Thomas Barber
Christopher Ray Blanton
Ryan Shane Deans
David Richard Drenzok
Heather Lynn Dye
Faith-Renee Foster
Brian Pender Grogan
Eric Scott Harrold
Doug Alan Hinshaw
Brent Michael Hodges
Leeann Lynn Hughes
Peter Julian Lamb
Benjamin James Meyer
Christopher Linn Murphy
Mark Wayne Rogers
Susan Owner Rogers
Darrell Christopher Walling
Christopher Ryan Whitson

December 1996

Christine M. Alvarez
Rachelle L. Beauregard
Jeffrey N. Burleson
W. Emmett Carawan
Thomas M. Cardwell
Gary Egbert
Shawn P. Hopson
Brent N. Lineberger
B. Erin McNally
Mitchell A. Morton
Derek D. Murry
R. Jason Satterwhite
J. Mike Sutton
B. Gail Tyner
Ray H. Williams
Elizabeth S. Workman

May 1997 Forest Management Graduates

Kristofer Clark Baker
Steven Paul Bennet
Thomas Woodrow Bevier
Christopher Ray Blanton
Tabatha Gail Bledsoe
Julien Binford Booth
Daniel Reginald Carpenter
Jason Reaves Cotten
David Ashley Cowan
Kelley Margaret Duffield
Thomas Matthew Grzebien
Shannon Michael McDonald
Robert Thomas Montague
Joey Randall Nicoll
Anthony Melvin Sutton
Amy Elizabeth Watson



1996-97 Department of Parks, Recreation & Tourism Management

Dr. Phillip S. Rea, Department Head

Fifty years ago Thomas L. Hines, a professor of physical education at North Carolina State College, was asked to develop a curriculum that would prepare graduates to manage recreation programs and facilities in rural communities and in industrial settings as a means of adding enrichment to the lives of citizens that had few enrichment opportunities available. That program evolved into the Department of Parks, Recreation and Tourism Management, one of the largest, strongest and best respected of the 300 recreation, park and leisure service programs in the United States and Canada. As the department completes its 50th year, and begins to prepare for a celebration of its Silver Anniversary, it continues to grow and evolve to meet contemporary needs for leaders to work in park, recreation and tourism settings, and to address the changing interests and needs of NC State University students.

While faculty and students have changed over the years, excellent early leadership enabled the program to set strong roots that enabled it to flourish and to maintain its stature as one of the premier programs among the 300 in North American colleges and universities. Evidence of its high stature can be found in examining current activities in its academic, research and service programs:

Academic

Enrollment increased by 33% from the 1995-96 academic year and by 70% over the past 10 years. Undergraduate enrollment grew by 75% over the past decade while the



number of masters degree candidates increased by 163% during that period. Much of the undergraduate enrollment increase is attributed to the new First Year College program for NC State freshmen and the development of concentrations in tourism and sport management. Even more significant than the dramatic increase in enrollment is the fact that the quality of students is very high as well.

Research

Six of the department's 12 faculty joined the department during the past seven years. With the addition of new faculty came research initiatives that focused on topics ranging from the economic value of parks and greenways and rural tourism development to

the potential value of meaningful recreation participation as a means of reducing youth crime and improving health and fitness. The opportunity for students to study under faculty that are developing new knowledge helps provide graduates with tools to improve the quality of people's lives and the livability of their communities through the provision of parks, recreation and tourism services.

Service

Most individuals attracted to the fields of parks, recreation and tourism are concerned for people and the personal and community benefits that can be attained through modern park systems, involvement in recreation activities, and responsible tourism development. In this area PRTM is without peer.

“Even more significant than the dramatic increase in enrollment is the fact that the quality of students is very high as well.”

The Department of Parks, Recreation and Tourism Management provides technical assistance and professional training within North Carolina and across the nation. Each year the Department provides advanced training or technical assistance to over 3,000 park and recreation professionals, thereby improving park and recreation services to citizens throughout North Carolina and North America. Five new recreation consultants were added to the Department during the past year in four regional offices to help improve park and recreation services to North Carolinians. One service of benefit to students is a monthly job bulletin to assist graduates in finding that first job. For more information on the Job Bulletin or other professional services stop by the Recreation Resources Service office, room 4012 Biltmore Hall.

In addition to the above highlights on the Department's academic, research and service programs, several significant events of the 1996-97 academic year deserve mentioning:

-Dr. Roger Moore was selected the Outstanding Teacher in the College of Forest Resources. Dr. Moore has been selected the Outstanding Teacher in PRTM for the past three years.

-Dr. Michael Kanters joined the faculty in January, 1997. Dr. Kanters, who came to NC State from Brock University in Ontario, Canada, has expertise in sport management and community recreation.

-The Department went through its 20 year accreditation review. The NC State park and recreation curriculum was the first to be accredited in the USA and Canada.

-Several faculty were involved in innovative teaching and learning systems involving advanced electronic technology, including internet experiences and interactive teleconference instruction with other universities. NC State is believed to be the national leader in the application of advanced electronic instructional technologies.

-International students in PRTM continue to increase in numbers. In 1996-97 the Department had students from Canada, Australia, Japan, Taiwan, India and Hong Kong.

As PRTM completes its 50th year we will take time to celebrate a half century of excellence while keeping one eye on the future. Hopefully, some of the students graduating in 1997 will have the opportunity to participate in a 100 year anniversary of the Department in 2047, and will do so with the same pride and enthusiasm that we have in our first 50 years.

Student Recreation Association Leads the Parade and Runs the Fair

1996 - 1997 Officers

Adrienne Bailey, President & CFR Council Representative

Mike Sweitzer, Vice President

Daniel Brown, Secretary

David Mallard, Treasurer

Kathy Hamilton-Brown, Faculty Advisor

The Recreation Majors Club was transformed into the Student Recreation Association in the fall of 1996. Though the name is different, all other aspects of the club are the same. We invite students and faculty of the PRTM curriculum to join and participate in our activities, as well as those from other curriculums. The dues requested are \$5.00/semester and \$8.00/year. The money collected is used for the activities that occur throughout the school year.

We began the fall semester with a picnic at Pullen Park. Many students and faculty attended to enjoy the food, fun and the chance to catch up on summer adventures. Succeeding the picnic the SRA planned a camping trip, registered for BIG SWEEP '96, and worked in the planning of the Knightdale Christmas Parade with Annette Moore's PRT 358 class. Then, Hurricane Fran hit and created a slight problem with our efforts. Big Sweep was postponed and all of the area State Parks were closed, therefore preventing our camping trip. During this lull of activity, the club brought back the BILTMORE BEANERY which, once again, was a success. Luckily, we were still able to participate in the parade and will be rewarded by the City of Knightdale for our efforts. In addition to our fall activities, we were visited by Mr. Dick Trammel who spoke on the Travel and Tourism Industry. He provided our attendees with a diverse presentation on what it takes, requires and involves to be a part of that sect.

The spring semester looks to brighter for the SRA in light of the hurricane. We have begun a tradition of relaxing at Charlie Goodnight's Comedy Club with dinner and a show. Members are free and non-members are only required to join and the cost is reduced. We have rescheduled



our camping trip for the end of the spring and have our fingers crossed to ward off any more adverse weather.

Another venture that is tradition is the PRTM Job Fair. This year we were able to bring approximately 50 agencies from all regions of North Carolina to the Student Center. This is an excellent resource for those students who plan to do their internship this summer or who just want a great summer job in their desired field.

In addition to the Job Fair, is the Spring Banquet for the Department of Parks, Recreation and Tourism Management. This is when students and faculty get recognition for their hard work and dedication to the curriculum. The banquet was held at the NCSU Faculty Club last year and is intended to be held there again this year. It is an evening filled with excellent food, entertainment, prizes and a chance to meet those in the department that you have not been able to.

The Student Recreation Association invites anyone interested in joining our club to do so. As stated, we are an open club and the more diversity we have, the more enjoyable the experience will be.

OUTDOOR RECREATION CONSORTIUM

The Great Smoky Mountains Institute: Tremont, TN.

On March 22 - March 28, 1997, twenty students from the Department of Parks, Recreation and Tourism Management attended the 22nd annual Outdoor Recreation Consortium in the Great Smoky Mountain National Park. Four other universities attended the Consortium as well. They are Pennsylvania State University, Western Illinois University, University of Missouri, and Indiana University. The Consortium is a week-long event involving students with the opportunity to apply management and planning skills in a field setting. They also observe state-of-the-art environmental and visitor management practices under the guidance of the National Park Service and faculty from several leading universities.

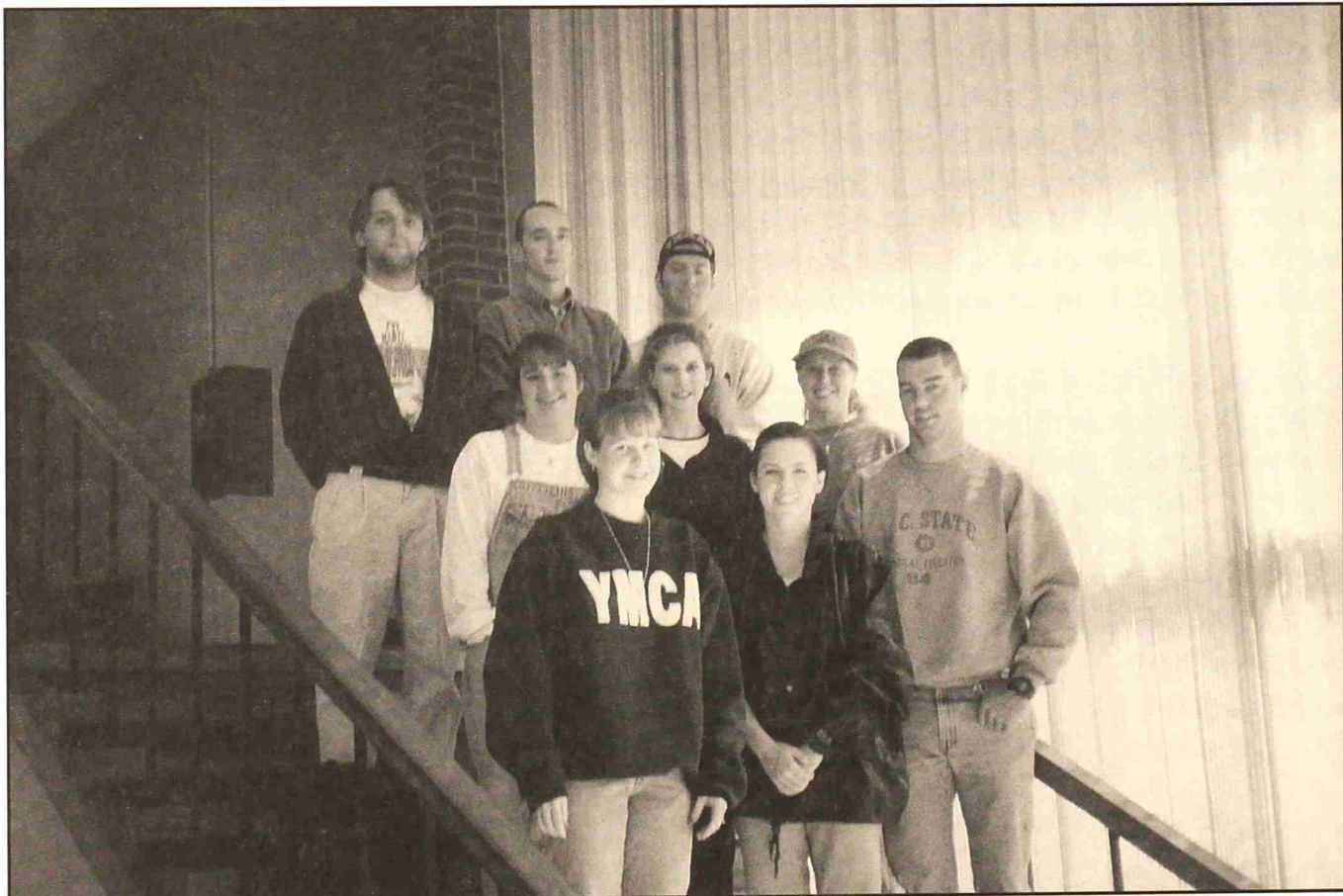
The students held fund-raiser events throughout the semester in order to subsidize the cost of the Consortium. These events included a raffle, car washes, a rummage sale, and pizza and donut sales in Biltmore Hall. In addition, the department allocated funds to help the students.

Dr. Roger Moore was the participating faculty member from NCSU. The students who attended the Consortium are Adrienne Bailey, Jennie Liner, Suzanne Gerrior, Jeff Hagood, Scott Haire, Allen Hammermann, Chris Armstrong, Andrew Martin, Mark Ivy, Amanda Perry, Shannon Peterson, David Cernicek, Scott Bedwell, Sue Yerkes, Wendy Newberry, Dustin Gaines, Walt Mayo, Craig Jacobs and Daniel Brown.



May 1997 Parks, Recreation and Tourism Management Graduates

Christopher Alan Armstrong
Peter William Boettinger
Lance Scott Brown
Michael Anthony Carter
Angela Dawn Chamberlain
Phillip Craig Cromer
Mark Elliott Cudd
Jason Andrew Howerton
Jody Lynn Moylon
Robert Mark Rawls
Wendell Tyler Small
Jennifer Elizabeth Smith
Anita Christy Spencer
Joseph Speed Jones Tanner, III
Melissa Anne Thompson
Aaron Joseph Weaver
Nicole Catherine Zanini



Pinetum Patrons are THE BEST!!!!

Over the last year, some very generous alumni responded to our plea for financial support of the Pinetum. We gratefully recognize them for their contribution.

A. C. Barefoot, Wood Products, Class of 1950

Robert G. Jenkins, Wood Products, Class of 1953

H. C. Martin, Forestry Management, Class of 1939

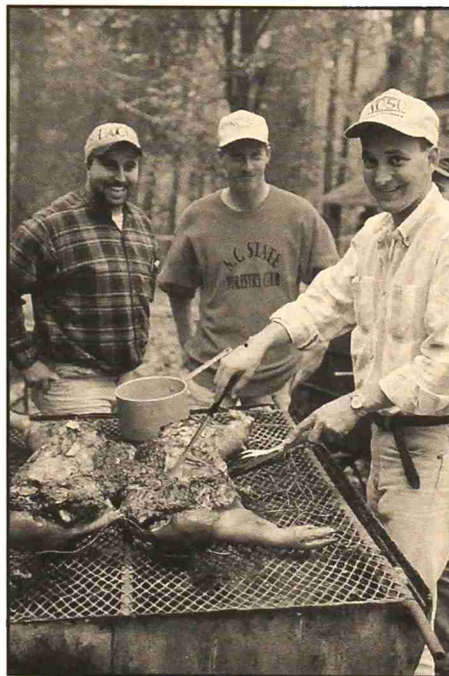
J. D. McNatt, Wood Products, Class of 1960

G. E. Smith, Forestry Management, Class of 1939

C. P. Williams, Forestry Management, Class of 1973

We hope that alumni from all curricula will consider adding an extra \$10.00 (or more) to their annual alumni dues in order to support the *Pinetum*.

Alumni Pig Pickin' Crew, Rolleo '96.



1996 - 1997 Pinetum Staff Page

Note from the Editor

For the rest of my life, I will take pride in the fact that I helped continue the tradition of the *Pinetum*. But I did not accomplish this without the assistance of the folks listed below. Each club that contributed articles and photos must be recognized. The CFR Student Council along with Dr. Doug Wellman and Dr. Gary Blank are, together, the foundation of the yearbook. The North Carolina Forestry Foundation and Dean Larry Tombaugh appropriate the vital funds that get the yearbook printed each year. The industry support for the yearbook that comes in the form of paper donations makes the entire project affordable.



Anyone who has the opportunity to work on a publication like the *Pinetum* learns that a team effort is required. You also learn that a team effort is more rewarding than any independent accomplishment because working with other people is what gives life its texture and variety. I hope that the *Pinetum* readers will forgive me this attempt at pontificating... let's call it editor's privilege. I encourage the future undergrads, faculty and staff of the CFR to take advantage of what the yearbook has to offer. You won't be sorry!

- Kelley M. Duffield

Contributors to the 1996 - 1997 Pinetum

Heather Kendall, FOM Class of '98
The Nancy Roberts Fan Club
Tofer Baker, Forestry Club, Class of '97
Adrienne Bailey, SRA President, Class of '98
Michael Carver, CFR Student Council President, Class of '99
Dave Laramée, FPS President, Class of '97
Scott Harris, Summer Camp Amigo, Master's Student
Steve Shepard, Conclave Correspondent, Class of '98
Daniel Brown, Outdoor Recreation Consortium Corespondent
Chris Rivenbark, NAEP President, Class of '98
Gene Foster, TAPPI/PIMA President, Class of '98
Ms. Nancy Jenkins, Fisheries & Wildlife Program
Ms. Brookie Nixon, and JoAnne Urbanski, CFR Academic Affairs
Ms. Dawn Silsbee, CFR Assistant to Dean Tombaugh
Ms. Reggie Powell, Parks, Recreation and Tourism Management
Ms. Peggy Arnold, CFR Department of Forestry
Mr. Nick Hopkins, Contributing Photographer

To find out more about what's going on at NC State or any of the departments at the College of Forest Resources, please visit their website. Internet addresses for College of Forest Resources departments are listed below:

College of Forest Resources Homepage

http://www2.ncsu.edu/ncsu/forest_resources/cfr/cfr.html

CFR Student Council

http://www2.ncsu.edu/ncsu/forest_resources/cfr/overview.html#student

Forestry Department

http://www2.ncsu.edu/ncsu/forest_resources/forestry.html

Parks, Recreation and Tourism Management

http://www2.ncsu.edu/ncsu/forest_resources/prtm.html

Wood and Paper Science Department

http://www2.ncsu.edu/ncsu/forest_resources/wps/wps_hp.html

Research, Outreach and Extension

http://www2.ncsu.edu/ncsu/forest_resources/cfr/research.html

North Carolina State University Homepage

<http://www.ncsu.edu/>

