



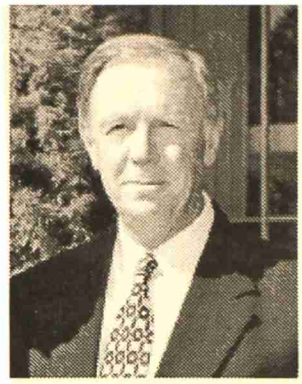
Journal of the College of Forest Resources
1998-1999



Biltmore Hall

WHAT HAVE YOU DONE FOR US LATELY?

by Larry W. Tombaugh, Dean



This is an exciting time for North Carolina State University. In August of last year, we hired a new Chancellor, the top administrator of the University. Dr. Marye Anne Fox hit the ground running hard. She is a brilliant scholar who expects the best of everyone at the University. One of her most important tasks will be to hire a new Provost. The Provost is the second most senior administrator, and the person in that position is responsible for all the academic programs on the campus.

Chancellor Fox's first exposure to the College of Forest Resources came last September when she participated in a briefing about the College to our Board of Trustees. She heard a remarkable success story. She learned that our enrollment has increased 62% over the past ten years, by far the greatest rate of growth of any of the established colleges. She was interested to learn that the placement rate of our students, 93.1%, is the highest at North Carolina State University. Because of her extraordinary research background, she was pleased that our college, on a per faculty basis, is the third most competitive faculty for outside grants and contracts at the University. On the average, each faculty member generates \$118,195. This is money that would not have come to North Carolina without their hard work

and their international reputations. Finally, she was delighted to learn that our private gifts and donations reached an all-time high of \$5,792,629. This is a particularly rewarding number because it is a clear indication that people and corporations have enough confidence in our faculty and our programs that they willingly give of their resources to help us accomplish our goals of teaching, research, and extension.

But the numbers that we all find most rewarding are those provided by our students. The

**“expectations for future performance
continue to grow...”**

University does a Graduating Senior Survey each year. On a number of important issues, students from the College of Forest Resources last year gave significantly higher ratings than did all the respondents from NC State. The College stood out in its commitment to helping minority students succeed. Our graduating seniors were particularly laudatory of the faculty. Issues that rated highly included encouragement of student-faculty interaction in and out of the classroom, and quality of instruction in the major. Students also appreciated faculty efforts in instituting writing skills, speaking skills, mathematics skills, and the ability to function as part of a team.

While we can all be proud of these recent accomplishments, we must recognize that credit for past accomplishments is short lived while expectations for future performance continue to grow. The new leadership team at NC State has, as is appropriate, very high expectations for each of the academic units. The Chancellor and the Provost will focus on the future rather than on the past. They will want to

know what have we done for the University lately? What programs have we innovated? What accomplishments do we expect to make?

We will need to work even harder to assure that this College, its faculty and its graduates continue to be recognized both internally and externally as an institution that is at the forefront of meeting the rapidly changing needs of a contemporary society. We can afford to do nothing else than to continue to strive to be the very best. As you, our students, embark upon your careers, we hope that you will be willing to work with us in this endeavor. Your help and support will surely be needed.

GOAL SETTING FOR THE TWENTY FIRST CENTURY

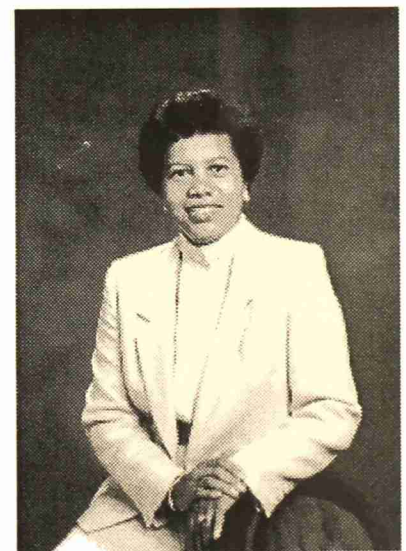
21st

You, as current students and future alumni, have invested a great deal of time and energy at this university preparing for your careers and other life experiences for the twenty first century. We wish you joy, faith and much success!! Think of your teachers, mentors, others at CFR, and the current and future students. Your assistance is needed to continue some traditions and to establish new ones.

As the millennium approaches, administrators, faculty, staff, students, and alumni have been encouraged to consider ways to make North Carolina State University a more attractive place to work, to study, and to pursue excellence. The University set its student enrollment goal for 31,000 by the year 2010. One goal of Chancellor Marye Anne Fox is to foster more partnerships across the state, the nation, and the world. A Faculty Senate goal is to hire a Provost that can assist NC State in achieving membership in the prestigious American Association of Colleges and Universities to enhance our national image. One goal of our College Dean, Larry Tombaugh, is to achieve a name change from the College of Forest Resources to the College of Natural Resources. To more completely reflect the mission of our College, which is, to improve the use and stewardship of renewable natural resources. We seek to strengthen natural resource management, enhance environmental tourism opportunities, and encourage sound regional economic development. To these ends, we provide superior professional education, discover new knowledge, and disseminate credible and timely information.

In response to the goals mentioned above, other challenges and opportunities, the Office of Academic Affairs has established the following objectives:

To focus more energy on recruitment and retention — CFR's student enrollment of 1,070 is approximately four percent of the University's current student population of 27,000. Therefore, to assist in achieving the University goal, our enrollment by the year 2010 is expected to increase by 10 percent. All in the College of Forest Resources extended family are requested to assist with this effort. One strategy to help achieve this goal is to do target marketing by changing our recruitment brochures to appeal to the 15, 16, 17, and 18 year olds with whom we interact during career days, college visitations, open house, etc. New marketing materials will be available this spring (1999). A second strategy is to increase retention efforts by participating in the supplemental instruction program and group tutoring for students needing assistance. Supplemental instruction is a program where a student is hired to attend classes in biology, chemistry, physics, math, and computer science then conduct study sessions three to four times per week. Another is to encourage more students to participate in honors classes and seminars by providing more challenging opportunities for them to interact among themselves with other peers more often. Any suggestions you have will be greatly appreciated!!!



*by Carolyn S. Love, Ph.D.,
Associate Dean for Academic Affairs*

CFR COMPUTER LAB HIGHLIGHTS

by Liz Sorrell, Manager



The CFR Computer Lab was the recipient of a major equipment upgrade this year — resulting completely from the fee money paid by students. The replaced computers, which had been purchased earlier with student fee money, went to graduate student labs and complexes throughout the College

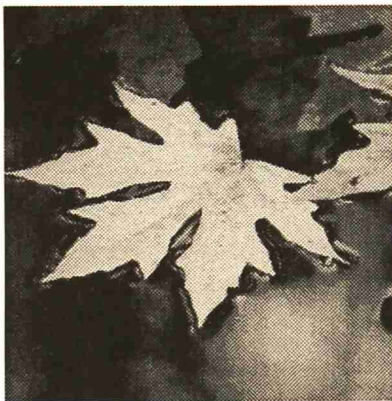
with all three departments sharing in the distribution. The upkeep of these computers will continue to be a part of the main computer lab operation. The College uses this method to return to the students a large portion of the funds paid by them. Without these funds to periodically upgrade the computer facilities, CFR could not keep up with the rapidly advancing computer technology and our students would be the losers.

So, CFR students, the next time you go into the computer lab, take a moment to appreciate the fact that you are using the latest computer technology — and you have made it all possible.

CFR STUDENT SENATE REPRESENTATION

by Justin Rice

“I feel that the
Student
Government has
had a productive
year, and the
Senate is looking
forward to
another great
year.”



This year the NC State Student Government has been very busy. We have been working on projects ranging from Campus Diversity to Campus Safety.

The Student Senate has worked very hard on Student Fee increases for the next year. We passed a resolution rejecting the Ed and Tech fee, but supporting the Health Services fee, and the Lab fee.

We also worked very hard on putting a resolution together for the Tuition Increase for the UNC System. The Board of Governors asked for our opinion and the Student Senate took on the challenge.

Campus Safety is always a big issue and Student Senate took action. We held our annual “Night Walk” which discovered many hazards in NC State’s campus. We are currently working on getting the problem we found fixed with the help of the University.

The College of Forest Resources was able to get \$1,000 funding for TAPPI to use on its trip to TAPPI '99. This funding made the trip more affordable for the students, bringing more participation.

The College of Forest Resources Student Council is composed of student leaders from all departments of the College. Officers are elected each spring and representatives are chosen to represent their organizations throughout the academic year.

The Council serves the College of Forest Resources in several important ways. Representatives meet with the officers on a monthly basis to report achievements and concerns to the organization. The Council collaborates to strengthen each organization and student life in the College.

The Council provides support to student and faculty initiated activities. This year, the Council supported a special educational seminar for Forestry students. The Student Council also supports campus-wide activities.

A major function of the Council is to allocate funds each spring to organizations in the College of Forest Resources. Each eligible organization is given an appropriated amount to use the following

year. This is based on each organizations activities and student involvement.

Professional development has been a major concern of the College of Forest Resources, and likewise, the Student Council. We are trying to provide training for students to prepare them for summer and permanent jobs. This year, the Council sponsored an Etiquette Banquet directed towards seniors. The Etiquette Banquet allows students to learn important skills to prepare them for formal dinners and interviews. This is a tradition that will continue to ensure that our students have the professional and social skills as well as educational skills to be leaders in natural resources and related industries.

CFR STUDENT COUNCIL



INDUSTRY PARTNERSHIPS — A KEY FOR NC STATE'S SUCCESS

by Michael Kocurek, Department Head



Masters of Wood and Paper Science

Technical Core

Wood Chemistry	3
Colloid Chemistry	3
Paper Physics	3
Process Analysis	3

Electives 12

Independent Project 5

Seminar 1

Total 30

The Department of Wood and Paper Science is actively engaged in a broad strategic plan to ensure that we remain the No. 1 ranked program in pulp and paper science and one of the top programs in wood products. Partnerships are the key objective.

Pulp and Paper

In pulp and paper, the primary new initiative is a new distance learning-based masters degree in wood and paper science. This will be the first and only pulp and paper degree of its kind in the world. It is being designed to serve the needs of professional scientists and engineers already employed in the industry. New alumni, take note of the of the box showing course requirements. Young professionals could elect courses in business management to further their careers.

The independent project is unique in that it involves a research type project of high value to the corporation. The first two courses in Colloid Wet End Chemistry and Paper Physics will be available this fall.

The undergraduate program remains the largest (and best) of its kind in the U.S. To keep the students as the highest salaried graduates from NC State, the curriculum is undergoing a review to likely place more emphasis on fundamentals and product development. The scholarship program is supported by the best foundation on campus and currently awards 100 endowed scholarships. This Pulp and Paper Foundation recently created two new super scholarships valued at \$10,000 to attract the best and brightest students into the program.

Wood Products

The wood products program has four components serving the second largest industry in North Carolina:

1. Undergraduate and graduate education
2. Extension and continuing education
3. Wood Machining and tooling research
4. Hodges Laboratory and Education Center

A Wood Products Task Force consisting of more than 40 industry corporations (with presidents, vice presidents, supervisors, technical directors and personnel managers) is working with the faculty on recruiting, curriculum, continuing education and research.

Faculty Awards and Honors

Dr. Hou-min Chang	Elected Fellow of the Technical Association of Pulp and Paper Industry and TAPPI Board of Directors
Dr. Joe Denig	Award for Excellence of Southern Extension Forest Resources Specialists
Dr. Martin Hubbe	Our newest faculty member is the Buckman Distinguished Scientist
Dr. Hasan Jameel	Alumni Distinguished Professor Award
Dr. Myron Kelly	CFR Outstanding Teaching Award
Dr. Elisabeth Wheeler	Alumni Distinguished Professor Award

FOREST PRODUCTS SOCIETY

by Greg Lee, Forest Products Society President, Class of 1999

The Wood Products program and the Forest Products Society had yet another excellent year. The 1998-99 school year brought new diverse challenges for the entire Wood Products program. This year the senior class was a bit larger than in years past. The senior class consisted of seventeen people, of which three graduated in December. Beginning in November companies with job openings came hunting for Wood Products students. The spring semester brought at least one or two interviews a week, once again proving the great demand for NCSU Wood products graduates and highlighting the reputation of our program.

Again our tradition of being a small program brought the Wood Products students closer together as colleagues and friends. Juniors and seniors once again lead the path for upcoming leaders in the sophomore and freshmen classes. Wood Products students know their peers and are willing to help one another in anyway possible. Whether we need help on class homework or help moving into a new apartment, we were there for one another.

The Forest Products Society also had another great year of serving the Wood Products students. With meetings held approximately once every two weeks, the FPS gave the members a broad view of what's out there in our field and what's coming up for the graduating

seniors. In this column we would like to thank the people who so graciously devoted their time to speak at our meetings.

Speaking of those people we would like to list them to show our thanks: Walter Jones of the NCSU career planning center spoke at two meetings; Dr. Kocurek, Head of the Wood and Paper Science department; Mr. Gary Young, Champion Intl.; Fred Carter, Perstorp Flooring; Art Raymond, Art Raymond and Associates; Mr. Roger Melvin, Toney Lumber Co. Two of our meetings were also dedicated to student internship reports. Another unique item in the Wood Products program is that students must complete one internship. After the internship, students must give presentations at a FPS meeting on their experience over the summer.

Unique, organized, educational, worthwhile and pleased are just a few of the adjectives out of the hundreds that could describe the Wood Products program. We have seen plants first hand and experienced the differences of classroom teaching and hands on teaching. With classes like the summer practicum and the mandatory internship these things are possible. The purpose of a college education is to get one ready for "the real world." That is what the Wood Products program does and will continue to do in years to come.

With that I would like to

FPS Officers 98-99

Greg Lee, President

Jim Bailey, Vice President

Clay Metcalfe, Secretary

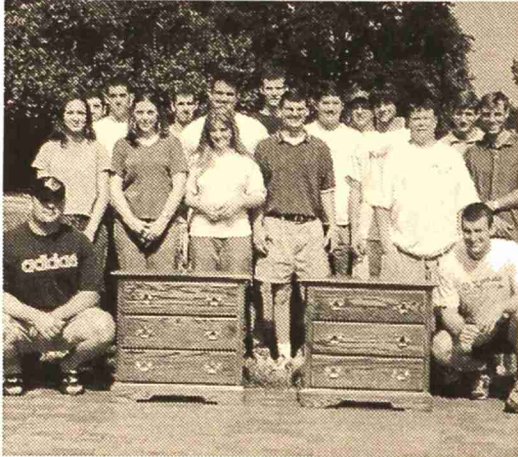
Casey Hearn, Treasurer

Clint Boggs, CFR Council Rep.

personally give you the reason why we Wood Products students have the great reputation that we do and why we will be ready for the real world. One item is responsible and that is our faculty. No one could have a more caring, charismatic, yet demanding faculty than we the Wood Products students have. These people have educated us for four hard years. We know them, trust them and perceive them as friends. On behalf of the entire Wood Products student body, I would like to say thank you for all that you have done to make us better students and better people. You are friends forever and will never be forgotten once we are the professionals that you are now shaping us to be. Thank you Dr. Kelly, Dr. Wheeler, Dr. Kasal, Dr. Peralta and Mr. Bryan.

WOOD PRODUCTS SUMMER PRACTICUM 1998

by Clay Metcalfe



The Wood Products Summer Practicum gives students in the Wood Products curriculum a chance to gain hands on knowledge of wood working machinery in Hodges Laboratory and to get their first look at the vast

array of industries that fall under the category of wood products. The practicum is an intense five-week course that consists of 8+ hour days of classroom and hands-on learning.

for two weeks was spent machining parts to construct a three-drawer bachelor chest. During the latter two weeks, the parts were sanded, assembled, and finished.

The last week of the practicum was spent on the road touring numerous plants in North Carolina and Virginia to get a first hand look and the many facets of the wood products industry. On the first day we visited Barcalounger, Georgia-Pacific Plywood, and Georgia-Pacific OSB. On day two we visited Carolina Cabinet Company, Coastal Lumber Company, and Weyerhaeuser. Day three consisted of visits to TI Industries, LFI, and Crown Wood Products. On day four we visited Associated Hardwoods, Hancock & Moore, and Cranford Turning.

“we had gained a better understanding of the wood products industry and had a piece of fine furniture to show for all the work.”



Four weeks of the course were spent both in the classroom and in Hodges Laboratory covering the following topics: Drying, Machining, Gluing, and Finishing. Dr. Perry Peralta discussed the drying portion, Dr. Myron Kelly discussed the gluing portion, and William Bryan discussed the machining and finishing portions in the classroom. Dr. Tony Lapasha, Bill Swint, and Keith Barrow assisted in the machining portion of the lab. Half of each day

On the final day we visited ABTCO before returning to campus.

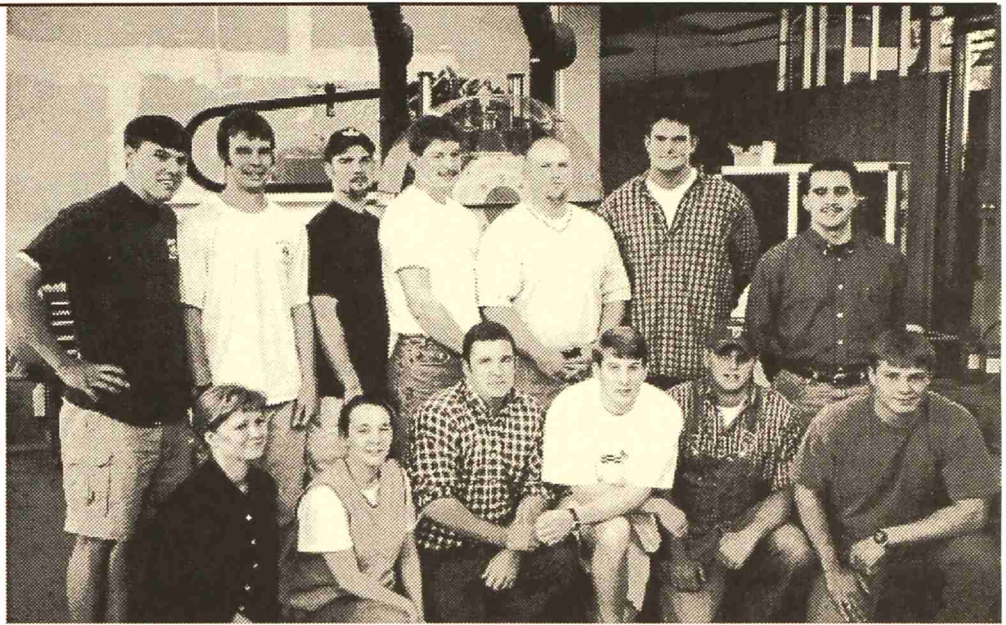
The final few days of the practicum were spent putting the finishing touches on our chests and studying for the final exam. After the long days in the classroom and the laboratory, we had gained a better understanding of the wood products industry and had a piece of fine furniture to show for all the work.

WOOD PRODUCTS GRADUATES

Wood Products Seniors

*Back row from left:
Josh Ward, Scott
Metheny, Shane
McDade, Chris Gillis,
Cole Stephens, Brian
McKenzie, Casey Hearn.*

*Front row from left:
Michelle Hedgecock,
Alexis Anderson, Jim
Bailey, Scott Ruple,
Clint Boggs, Greg Lee*



seniors graduated in december

James Guthrie
Reginald Watson
Dennis Motowylak

seniors graduating in may or summer

Alexis Anderson
Jim Bailey
Clint Boggs
Grady Fussell
Casey Hearn
Michele Hedgecock
Jason Higgins
Greg Lee
Brian McKenzie
Scott Metheny
Scott Ruple
Cole Stephens
Josh Ward
Shane McDade
Alexis Anderson

students in action

TAPPI Officers **98-99**

President: Jordan Laufer

Vice-President : Zac Guy

Secretary: Mary Harris

Treasurer: Daphne Moses

Programs Chair: Jason Mayberry

Publicity Chair: Natalie Thompson

Activities Chair: Travis Lail

Forestry Council Rep: Justin Rice

Fundraising Chair: Mark Chipley

Paper Express Chair: Cynthia Staton

Senate Rep: Ryan Long

Senior Class Rep: Cory Knox

Junior Class Rep: Jeff Jordan

Sophomore Rep: Lindsay Adkins

Freshman Class Rep: Jeff Moffat

Mentorship Chair: Jonathan Shorter

TAPPI has used this year to its advantage. We started out the year with rigorous campus recruiting. We acted as the liaisons between the students of the Paper Science Department and the Industry Recruiters. We planned pre-night interviews for over 20 different companies. TAPPI members also participated in "Paper Express." This is an event that the Forest Service uses to show people just how trees are being used in the country. We went to the State Fair in Raleigh and showed people of all ages the process of making paper. This was a great event that was enjoyed by children and adults of all ages.

TAPPI went on two major trips this past year. This first one was the weekend of January 16 -18, 1999. 13 Students from NC State University's TAPPI/PIMA Chapter traveled to Savanna, Georgia to participate in the 2nd Annual PIMA Student Summit. PIMA is the Paper Industry Management Association. At the Summit, students were joined by students from PIMA chapters from universities such as Auburn, Miami of Ohio, Western Michigan, and the Institute of Paper Science. Together the students participated in panel discussions on topics such as "What does it take to be successful?" "The industry of tomorrow," and "What management expects of its new employees." Students were also treated to tours of many of many Union Camp's facilities, along with a tour of historic Savannah. The Summit was a huge success and many are looking forward to next years Summit in Richmond, Virginia hosted by The Bear Island Paper Company.

February 28 - March 3 TAPPI students traveled to Atlanta, Georgia to participate in TAPPI '99. TAPPI '99 is the largest conference in the Paper Industry that only happens every three years. The title of the conference was "Preparing for the Next Millennium." Our student had the chance to network with the leading manufacturers and suppliers in the paper and related industries. This was a great event for everyone to network and meet the industries leaders. We participated in seminars ranging from "Effective Workplace Communication" to "Effects of Brown Stock Washing."

We ended out the year with the Officers retreat. This is where the old officers were able to show the new officers how the organization is run. It was a big success and the new officers are ready to start off a New Year.

PULP AND PAPER TECHNOLOGY SENIORS

J.R. Burroughs
Derrick Callander
April Cassano
Chris Chang
Amy Darchuk
Keith Donaldson
Greg Gardner
Dalton Gaskins
Mary Harris
Clem Haskins
Brian Jones
Nathan Jones
Brad Justus
Cory Knox
Jordan Laufer
Andrew Linn
Jason Mayberry
Derek Morris
Daphne Moses
Alicia Pham
Richard Phillips
Jim Samp
Christine Schwartz
Michael Scotti
Shahnawaz Siddiqui
Michael Yoder

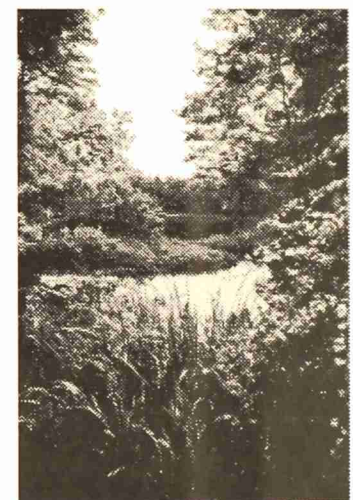


national association of environmental professionals



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 had a successful year. Past President Chris Rivenbark attended the annual conference in San Diego. Several guest speakers provided students with information on today's environmental professions, including professionals from the U.S. Fish and Wildlife Service, Raleigh Parks and Recreation, and the N.C. Department of Environment and Natural Resources. Members represent several curriculums including Natural Resources, Environmental Science, and Forestry to name a few. This year members helped with the College of Forest Resources Open House and several other campus events. The chapter adopted a stream through Raleigh's Adopt-A-Stream program, and plans were underway for several members to volunteer at the Special Olympics.



The NAEP at NC State fosters on-campus awareness of pertinent environmental issues and ideas that affect natural resources and all people on local, regional, and national and international levels. The local chapter abides by the NAEP Bylaws and Code of Ethics and Standards of Practice for Environmental Professionals. 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 at North Carolina State who attend at least one regular meeting per semester, and members are also members of the North Carolina Association of Environmental Professionals.

Officers 98-99

John Jamison, President

Todd Erdody, Vice President

Brad Suther, Secretary

John C. Douglass, Treasurer

Dr. Gary Blank, Advisor

www.ncaep.org



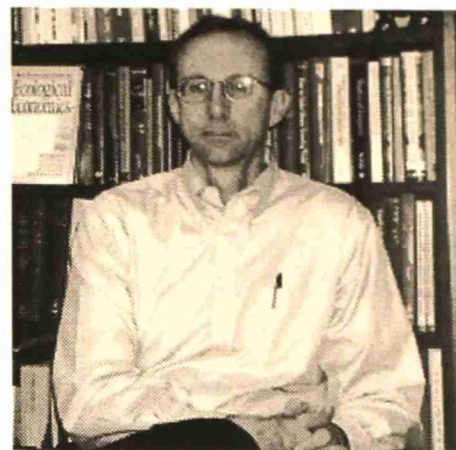
NATURAL RESOURCES CLASS OF 1999

From left: Jon O'Brien, Jeremy Ferrell, John Jamison, David Klein,
Locke Milholland, Ashley Zickefoose, Steven Aaroe, Colby Mecham,
Ryan Nesbitt, Sandy Whitley, Joan Stone

Not pictured: Wendee Britt, John Carr, James Cox III, Mac Dunham,
Ryan Smith, Jeffrey Wait, Lee Ward

A YEAR OF EXCELLENCE

by Fred Cabbage, Department Head



The Department of Forestry continued to have an excellent academic year in 1998-1999. We had a total enrollment of about 301 undergraduate students and 129 graduate students in Fall of 1998. Undergraduate programs included forest management, with about two-thirds of the students, natural resources/ecosystem assessment, natural resources/policy and administration, fisheries and wildlife science, and environmental sciences/watershed hydrology.

The undergraduate forestry and natural resources students had an active year for clubs and events. The natural resources student chapter of the National Association of Environmental Professionals had several guest speakers and sent representatives to the national meeting in San Diego. The student chapter of the Society of American Foresters in Traverse City, Michigan — more than any other forestry school in the country, including Michigan schools. The International Society of Tropical Foresters took their spring trip to Puerto Rico.

A few faculty changes occurred in the last year. Jan Laarman resigned as professor of forest economics and director of International Forestry programs and was replaced by Erin Sills as an instructor. Erin is a resource economics graduate from Duke University and received an appointment as assistant professor in February 1999. We also converted some existing professorial positions to research associate professors, including Ben Bergmann (bioremediation, Paulownia culture), Gary Hodge (international tree improvement), Bailian Li (forest genetics and tree improvement), and Ted Shear (wetlands and ecological restoration). In addition, Kelley Duffield left as director of our Forestry Educational Outreach Program (FEOP) and was replaced by Jennifer Barnes (NCSU 1996 forestry graduate).

The spring 1998 graduates had a good employment rate, but slightly less successful than in previous years. Seventy-eight percent of the 27 reporting forest management graduates were employed in their profession or

attending graduate school six months after graduation, with an average salary of \$25,500. Ten of 18 natural resource graduates reported their employment. Of those, 80 percent were employed, at an average salary of \$23,400. Eighteen of 19 graduate students responded to surveys after graduation, and all were employed. Undergraduate foresters were hired mostly by forest industry, with a large complement going into procurement. Other positions were obtained with the state and with private consulting firms. Natural resources grads went to public agencies and some environmental consulting firms. Graduate students went to a large variety of scientific, professional, academic and natural resource positions.

Xi Sigma Pi

On February 25, 1999, the Mu Chapter of Xi Sigma Pi, the forestry honor society, inducted thirty-four new members. The following candidates showed **superior scholarly achievement** and were invited to become members of the society.

Jennifer Lea Barnes
Elisabeth W. Bengala
Michael A. Berzinis
Todd Allen Bowers
William B. Boyette
Janet E. Brendle
Jeanne-Marie Bua
Julie E. Clingerman
William P. Cumbie
David C. Gadd
Kristen Ghiloni
Lisa S. Hartrick

Michelle Hedgecock
Jonathan A. Hodde
Curtis Holmes, Jr.
Daniel M. Johnson
Daniel Ashby Leach
Qingchao Li
Craig McClure
Katherine Messerschmidt
John L. Milholland IV
Sou Moa
Leslie P. Newton

Timothy T. Price
Donald Riley
Marina Riley
Marissa Rodman
Jonathan B. Scott
Erin O. Sills
John Spurrell
Nancy Bell Sumners
Bradley E. Suther
Stephen H. Watson
Wen Zeng

**Congratulations go out to all of the new and existing members
for their hard work and academic excellence.**

*All members would like to thank the
officers and faculty advisor for an
excellent job with the banquet:*

Timothy Disclafani, Forester

Theresa Galinski, Associate Forester

Alexander Johnson, Secretary

Travis Hughes, Treasurer

Dr. Richard Braham, Faculty Advisor

FORESTRY SUMMER CAMP

Another ten weeks of summer camp at Hill Forest for Forest Management students went by with only a few obstacles. The flooding of the Flat River finally took its toll on the bridge. For the better part of five weeks, everybody had to drive five miles around the forest just to get to the other side of the river while the center span

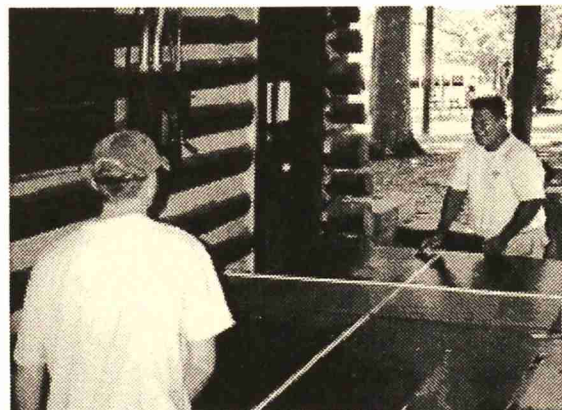


of the bridge was being replaced. The other big obstacle left from all the rain was a giant mud puddle in the oxbow which all of the trucks managed to find it at least once. Fortunately, only a couple of trucks had to be hauled out. The highlight of camp this summer had to have been the addition of "Club Diesel" to help keep the moral up.



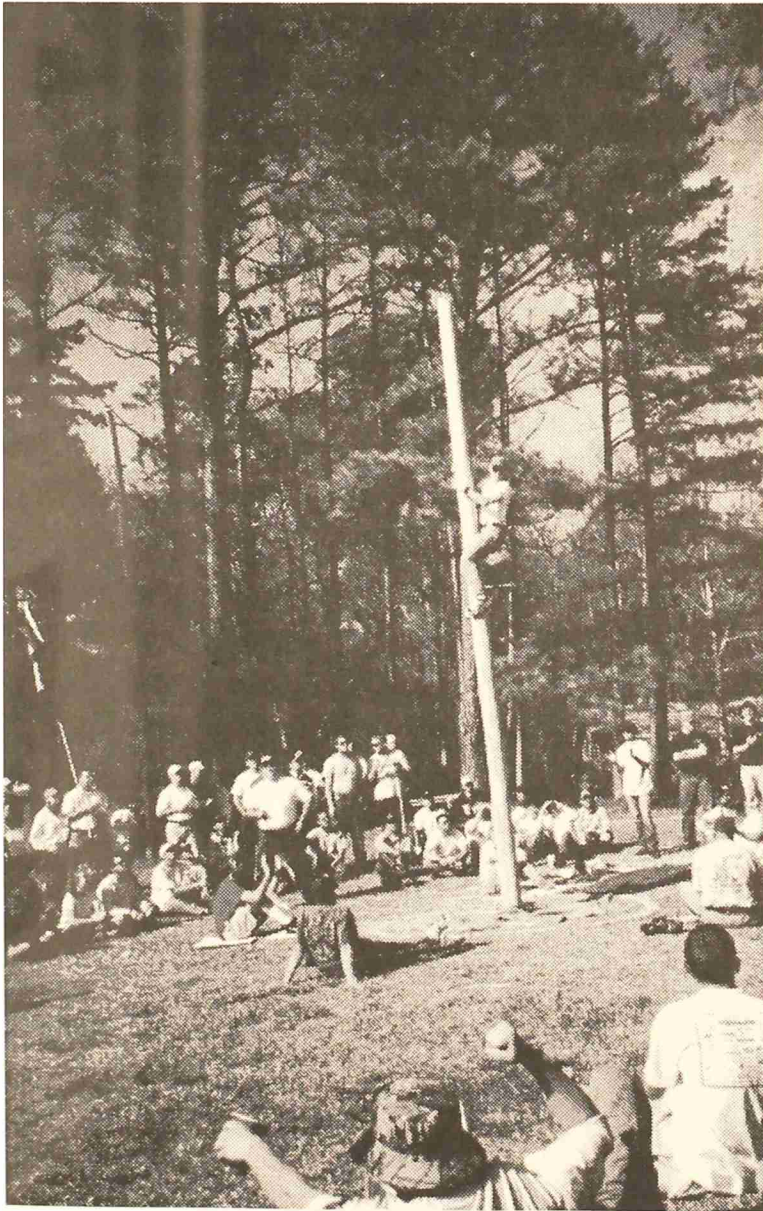
Despite all of the distractions, everyone managed to get through Mensuration, Wildlife, Silviculture, Fire School, and Forest Communities in the mountains and the coastal plain without too much difficulty. They continued the tradition of crawling through endless briars and calculations, as well as developing a newly found love for five-

thirty mornings with forest birds. Most importantly, they learned the tools that will help them succeed as land managers and procurement foresters.



saf

This year students and faculty attended the annual national SAF convention held in Michigan. The students adventured into a nice road trip to attend while the faculty probably enjoyed their nice luxury seats on a airplane. The quiz bowl team did not fair to well this year but enjoyed the opportunity to meet others from other schools. There were various opportunities to attend different speakers throughout the conference which allowed everyone to hear something that might interest them. Overall the students felt the long multi-hour trip was well worth representing North Carolina State Forestry and themselves at the convention.



rolleo

This year's Rolleo turned out to be a good one. The seniors took home the gold once again. We would like to thank the alumni for their turn out this year a hope that they will return next year. Would also like to thank for providing the wonderful pig dinner this year. He did a great job. The event was a wonderful opportunity for everyone to have a good time and compete, but at the same practice for this years 42nd annual Conclave. We would like to thank all of those who attended this year and hope to see you next year.

42nd annual asfc conclave



The Association of Southern Forestry Clubs held its annual Spring Conclave on March 19 and 20. This year's gathering was hosted by NC State at Camp Millstone in Ellerbe, NC. More than 400 forestry students from the Southeast attended the weekend of woodsman competition and camaraderie. NC State placed first in Technical Events, third in Physical Events and third Overall. Next year the club plans to attend the even in Louisiana.



Forestry Club/SAF Officers 98-99

Andy Jerks, President

Aaron Slutsky, Vice President

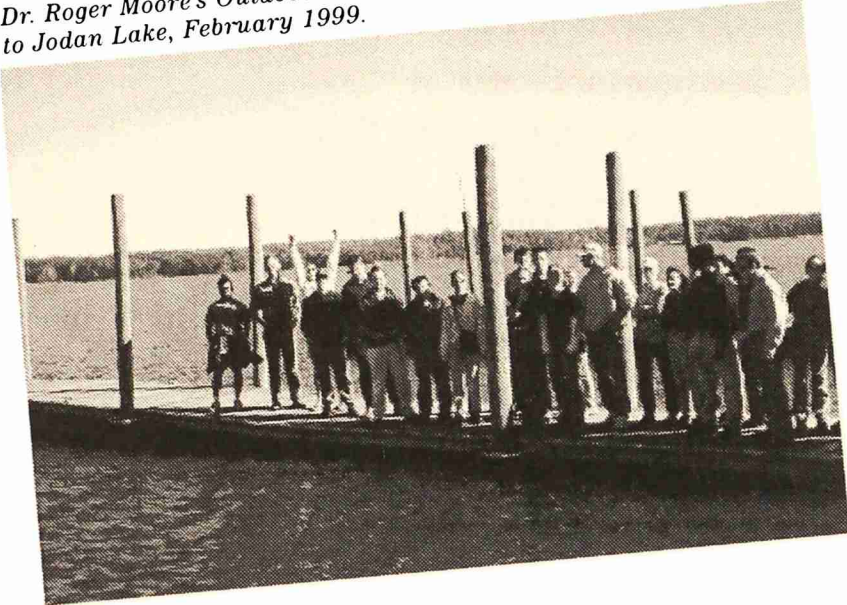
Heather Reilly, Treasurer

James Lovern, Secretary

Greg Spivey, Sargeant at Arms

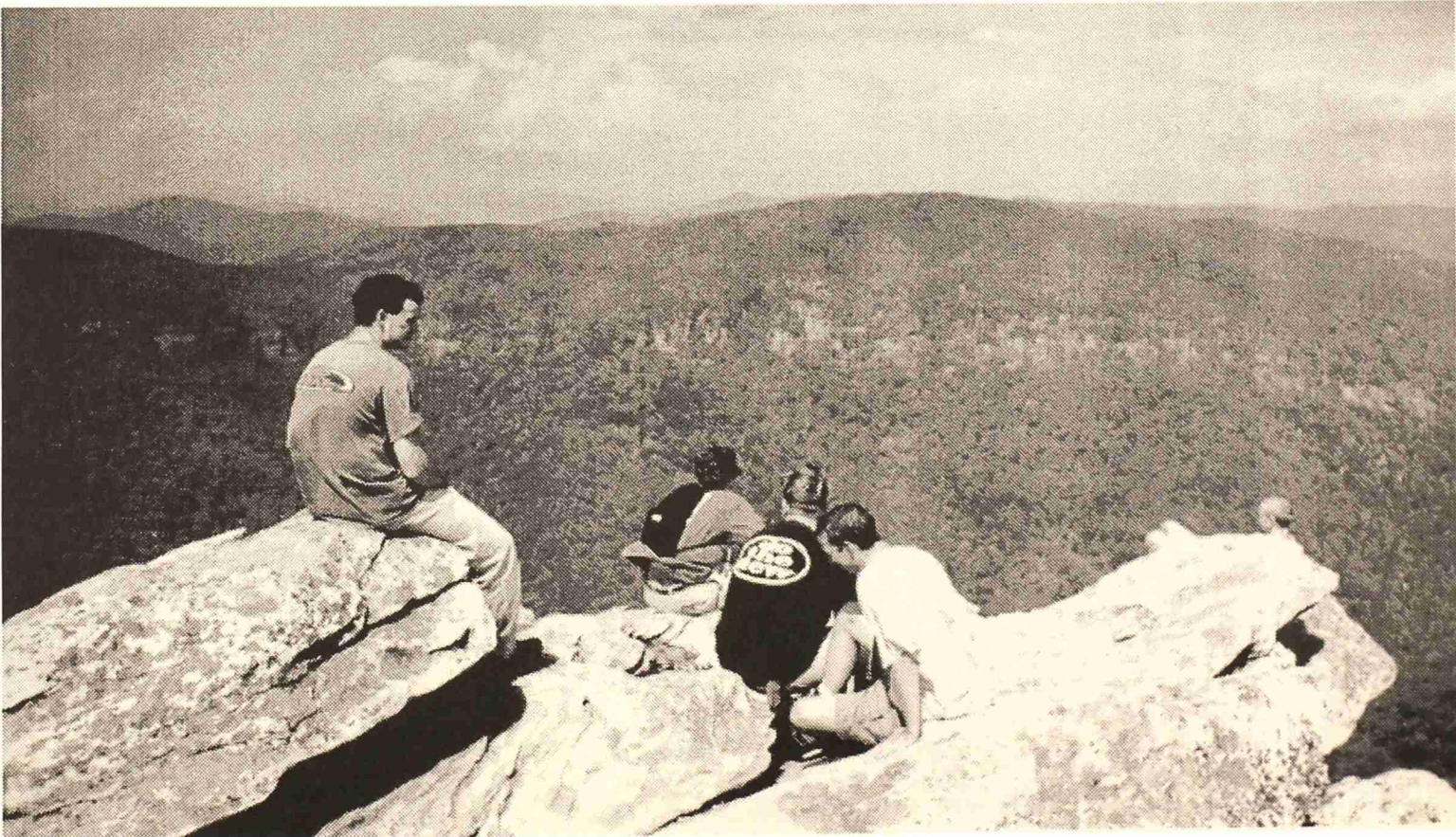
PHOTOS FROM THE COLLEGE OF

Dr. Roger Moore's Outdoor Recreation Class (PRT 350) field trip to Jordan Lake, February 1999.



Forestry Summer Camp

Enjoying the view on Hawksbill Mountain



OREST RESOURCES

a compendium of
images from the year



Rho Phi Lambda



Forestry Summer Camp

Hey Woodsy, watch this!!



FOREST MANAGEMENT GRADUATES

19

Michael Anthony Berzinis
Mitchell Bryant Curry
Christa Marie Dagley
Timothy Michael Disclafani
Wilfred Montague Dyer
Theresa Lynn Galinski
Jonathan Keith Greer
Kevin Andrew Hales
Travis Waylon Hughes
Mallie Andrew Jenks
Alexander Leslie Johnson
James Seth Lovvorn

Jeffery Charles Marler
Allen Murphy Mathews
Brandon Leigh Reavis
Heather Marie Reilly
Jonathan Ryan Roberts
Steven James Shephard
Archie Corbitt Simmons
Aaron William Slutsky
David Gregson Spivey
Brian Eugene Stubbs
Joseph Robert Swartz
Jeremy James West



ENVIRONMENTAL SCIENCES GRADUATES

James Patrick Aaron
Granger August Carlson
Curtis Holmes Jr.
Jeffrey William Meador
Michael Brian O'Rourke
Lucas John Sharkey
Chad Hayden Tripp

FISHERIES & WILDLIFE GRADUATES

Jeff Stuart Meadows
Charles Marion Thompson

PRTM PLANS FOR THE NEXT 50 YEARS

by Phillip S. Rea, Department Head



The beginning of the 1998-99 academic year brought to an end the celebration of the Department's 50th Anniversary at NC State University, and sad good byes to four individuals that have meant so much to PRTM over the years. Still, a new Chancellor, several new additions to the faculty and staff, and pending approval of a long-sought doctoral program provide a level of excitement and confidence that the Department of Parks, Recreation and Tourism Management is still moving forward with perhaps its best days still ahead.

Dr. Roger Warren retired in August 1998 after 32 years as faculty member and administrator. Dr. Warren joined NC State in 1966 and served in every capacity within the Department ranging from instructor to professor and department head. He also served as the Department's first graduate program administrator, and for the past 20 years as director of the undergraduate curriculum.

Dr. J. Douglas Wellman, Associate Dean for Academic Affairs for the College of Forest Resources, and a member of the PRTM faculty, was appointed as director of the newly created University-wide Faculty Center for Teaching and Learning. Dr. Carol Love, Associate Professor of PRTM replaced Dr. Wellman as Associate Dean. Finally, Mr. Edwin Lindsay, a PRTM instructor for the past four years, completed his Ph.D. degree and left NC State to begin his career as a

faculty member at another university. All four will be missed, but not forgotten.

Two new faculty joined PRTM during the year, with plans to employ two additional faculty members prior to the start of the 1999-2000 academic year. Ms. Annette Moore, a part-time lecturer for several years became a full-time member of the faculty, while Dr. Aram Attarian, a national authority on outdoor leadership, transferred to PRTM from the Department of Physical Education. In addition, Ms. Carol Kline, a tourism specialist, joined the Department as a temporary instructor and Mr. Michael Meiners was employed as an Office Assistant.

The Department continued to rely on students to accomplish its major events with outstanding efforts in helping run the North Carolina Senior Games finals while continuing to provide leadership with the Department's two major annual events: The Job Fair and Spring Banquet. Both were conducted under the supervision of Carol Kline and Annette Moore and were of the same high quality that we have come to expect.

Enrollment at the undergraduate program finally leveled off at 270 after doubling over the past five years. Graduate enrollment declined slightly with the temporary loss of several faculty. With the hiring of replacements for Dr. Love and Dr. Warren graduate enrollment is expected to return to previous levels.

Dr. Marye Anne Fox became Chancellor at the beginning of the year and was immediately made aware of PRTM and the importance of recreation, parks and tourism to the state of North Carolina. Thanks to the initiative of Dean Tombaugh, Chancellor Fox toured Pinehurst Resort and Country Club and met with park and recreation leaders where she learned the importance NC State plays in preparing future professionals, conducting research, and providing training and outreach for these professions that add so much to the quality of life throughout the state and beyond. Chancellor Fox also traveled to Dare County with junior Elizabeth Winstead as part of her "Back Home in North Carolina" program. As one of eight students from across campus selected to participate in this program, Elizabeth introduced Chancellor Fox to community and school leaders in Manteo and Dare County, including personnel of the National Park Service who provided air and ground tours of Cape Hatteras National Seashore and the Wright Brothers Memorial.

A new initiative for 1998-99 was the creation of a PRTM Development Committee to raise funds for student scholarships. Mr. Jack "Swede" Frauson, a retired recreation consultant in the Department's Recreation Re-

sources Service, agreed to chair this effort on a volunteer basis. The Committee's first priority will be to raise funds for the newly created Roger Warren Endowed Scholarship in Park Management, in recognition of Dr. Warren's many years of service to NC State and to the field of park management. Mr. Roman Gabriel, a 1963 PRTM graduate and former Academic and Football All-American will serve as honorary cochair of the Development Committee.

New research programs initiated during the year include the development of a statewide regional planning assistance program and the completion of a comprehensive trail study for North Carolina. Dr. Hugh Devine, along with research associates Dr. Pervor Korca and Charlyne Todd Smith developed the regional planning model to assist communities in planning wise growth to help assure that North Carolina's cities and towns maintain the high quality of living that has attracted national attention. The North Carolina trails study, the most comprehensive study of its kind in the United States, was completed by Dr. Roger Moore, Dr. Christos Siderelis, and research associate Mark Ivy. Other research programs initiated during 1998-99 include economic impact studies of the North Carolina golf industry, and of the 1999 Special Olympics World Games by Dr. Larry Gustke, and the application of new computer models for estimating the economic impact of new recreation and sport facilities by Dr. Michael Kanters.

In the Department's 51st year, a number of exciting initiatives were taking shape that could serve as a

springboard into the new Millennium, including the approval of a Ph.D. degree, the development of an innovative Tourism Certificate program, and greater emphasis on various forms of distance education. The Ph.D. program, which will emphasize park, recreation and tourism planning was approved by UNC General Administration and will admit its first students in the fall of 1999.

Through the use of Internet and other electronic media, the Department is providing leadership through Ms. Carol Kline in the development of a professional certification program that will enable employees of the tourism industry to advance their knowledge and qualifications in areas such as ecotourism, tourism and event planning, and hospitality management. This will be the first tourism certificate program in the United States to utilize the collective resources of all colleges and universities within the state that offer courses in tourism and hospitality management.

The NC State Department of Parks, Recreation and Tourism Management has long been recognized for its extensive technical assistance programs that include the Recreation Resources Service and four Nationally-prominent professional education schools at Oglebay Park and Resort in Wheeling, West Virginia. While students may be most familiar with the Recreation Resources Service through its monthly Job Bulletin, they may not be

aware of the program's interactive teleconference training programs or its role in administering a \$6 million matching grants program for community park and recreation agencies. New this year, however, is a rural tourism development program headed by Dr. Gene Brothers. Funded by the NC Cooperative Extension Service, this program provided assistance to North Carolina's rural mountain communities in the development of sustainable tourism businesses that capitalize on the region's unique natural and cultural resources.

While we made time during the past year to celebrate the Department's first half century of existence at NC State, there are too many exciting initiatives in the works to rest on our laurels. With the Second Millennium less than a year away, PRTM's faculty, staff and students are moving forward with new curricula, innovative methods for delivering instruction, exciting research and extension initiatives, and the enthusiasm to turn them into realities. Stay tuned.

Chancellor Marye Anne Fox and PRTM major Elizabeth Winstead during the "Back Home with NC State" tour of Manteo, NC.





WHAT IS RHO PHI LAMBDA?

by Andrew Powers, Rho President, and Annette Moore, Rho Faculty Advisor

The NCSU Rho Phi Lambda club is the Alpha Chapter of this national honor fraternity. During the 1958 fall semester, Professor Thomas I. Hines, Head of the Department of Recreation and Parks Administration, of the School of Education, at N.C. State College, selected the 11 seniors in the curriculum with the highest scholastic standing to serve as a committee to formulate and design a professional, honorary fraternity for outstanding students. These eleven became charter members of the Rho Phi Alpha Honor Fraternity. In 1985, Rho Phi Alpha merged with Sigma Lambda Sigma, another professional recreation honor fraternity, begun at Florida State University. Since the NCSU chapter was the oldest, it became the Alpha Chapter of the newly formed Rho Phi Lambda. Scholarship, Leadership, and Service are the backbone of the North Carolina State University Alpha Chapter of Rho Phi Lambda.

Rho Phi Lambda is the honor society for the Department of Parks, Recreation and Tourism Management. PRT students who have completed 9 credit hours in PRT, and have at least a 3.2 GPA in the department, and a 3.0 overall GPA are eligible to join Rho.

As a PRT student organization, we are interested in promoting our department and our profession, and to serving both. Our major projects for this year are sponsoring a monthly speaker series, assisting with the coordination of the annual Job Fair, and peer advising. We plan to join SRA in several functions throughout the year.

As a club, Rho Phi Lambda strives to provide opportunities for personal and professional enrichment of its members. Active Rho members often receive financial support to attend professional conferences and meetings. We are always looking for avenues to better equip Rho members for the profession, and we have a lot of fun doing it!



New inductees into Rho Phi Lambda

1998/1999 Activities and Accomplishments

1998-1999 has been a very exciting year for Rho Phi Lambda. We began the year with a Pig Pickin' in Pullen Park. This event took place in early September and was cosponsored by Rho and the Student Recreation Association. Approximately 75 PRTM students and faculty showed up for a great time. The Pig Pickin' helped boost active membership in both clubs, as well as enabling PRTM majors to get to know one another better.

Rho Phi Lambda initiated a new program for the Fall 1998 semester. The Rho Professional Speaker Series has brought in a variety of different professionals to speak in the Department. Mr. Randy Ray, Superintendent of Recreation, from Raleigh Parks and Recreation Department was our first speaker. This program gives students the opportunity to expand their knowledge and make important professional connections.

The 1999 Job Fair is always a huge project. Midway through fall semester, we began making preparations for our annual PRTM Job Fair. Several hundred agencies were contacted and invited to attend the one-day function. Follow-up calls were made, and arrangements were finalized during the

end of fall and beginning of spring semesters. An enormous effort was made to inform students campus wide about the Job Fair. Sixty-two agencies and over 800 students attended this years Job Fair, making it a huge success. In addition to the normal Job Fair, Rho Phi Lambda sponsored the First Annual Job Placement Reception. This reception provided an opportunity for PRTM students to interact one-on-one with agency representatives in a more formal setting. Students were offered fifteen-minute interview blocks with 22 participating agencies. Rho hopes to make this an annual event.

Both fall and spring semesters, members of Rho Phi Lambda had the opportunity to do some peer advising for students in PRT 152, Introduction to Parks, Recreation and Tourism Management. Rho members offer advice on courses and encourage departmental involvement.

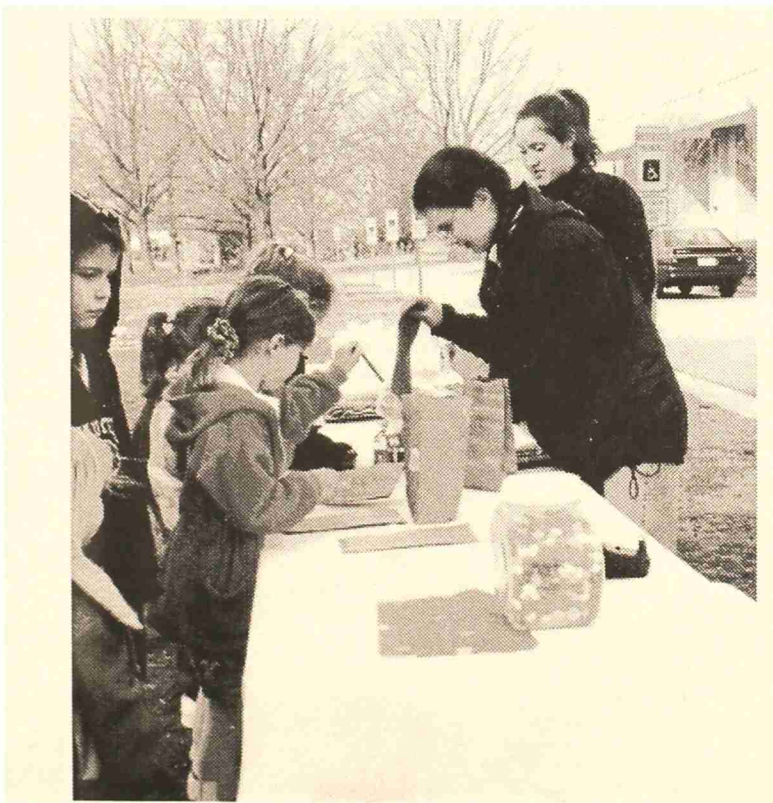
Rho Phi Lambda is currently working on a project for the Pinehurst Area Convention and Visitors Bureau and planning for the Department's annual Spring Banquet. The Spring Banquet will be held on April 14, 1999 at the University Club. This is a very busy time for Rho and we look forward to having new members join and help out!

Officers 98-99

President: Andrew Powers
Vice President: Scott Aldrich
Secretary: Christina Sorensen
Treasurer: Stephen Watson
CFR Council Rep: Jane Moore

Active Rho Members

Daniel Bacon, Scott Barnard, Elisabeth Bengala, Brian Bishop, Angie Brady, Laura Bryson, Scott Earwood, Elizabeth Elliott, David Ferrell, Joel Freedman, Holly Goodwin, Hannah Hamilton, Eric Handley, Kurt Jensen, Kimberly Kiser, Russell Marcuson, Jennifer Marsh, Tim McAllister, Jeff McCutcheon, Peggy Mills, Chris Mitchell, Donna Myers, Emmett Page, Sara Peterson, Liz Pezzulo, Frank Rhodes, Jacob Shelatz, Joseph Shimel, Shamra Slappey, Lila Smith, Brian Smyrski, Angela Stephens, Robert Stewart, Amanda Stinson, Mike Sweitzer, Barbi Tart, Eric Turbeville, DeWayne Wells, Julie Wilhelm, and Elizabeth Winstead.



Rho Phi Lambda and SRA sponsored an Easter Egg Hunt at NCSU University Club.



the sky's the limit!

This year SRA continues to ride the popularity explosion of the previous year. With membership doubled for the second straight year, SRA is confronted with a problem it is glad to have- lots of people wanting to do lots of things. You name it and SRA has the opportunity. From the SRA Co-Rec. Softball team to the various activities throughout the week such as: A basic rock climbing skills

see our new web page at:

seminar; ultimate Frisbee game; annual softball game; ski trips and a variety of other activities.

The year got off to a bang with the 2nd annual combined SRA/RHO Pig Pickin. With around 75 people participating in the event on a sunny Fall day at Pullen Park. Since then SRA has been heavily involved with the design of the new web page and the SRA/RHO Professional Speaker Series. The new web page allows students unlimited access to what

SRA is doing at any given moment. The professional speaker series enables students to garner first hand knowledge from the professional community, and of course make valuable contacts. The second semester looks to be as exciting as the first as SRA has again joined forces with RHO PHI LAMBDA to plan the 1999 Spring Banquet! And of course the semester culminates with an April camping trip to Ham-

http://www.ncsu.edu/stud_orgs/sra

mocks Beach State Park.

As you can see opportunities abound, and because of the continued enthusiasm among students in the College of Forest Resources, SRA plans next fall to shift the membership focus campus wide. For more information about SRA, see our new web page at: http://www.ncsu.edu/stud_orgs/sra or look in the Biltmore Lobby for a monthly copy of our official publication, "The Compass."

Officers 98-99

President: Scott Haire

Vice President: Barbi Tart

Recording Secretary: Open

Corresponding Secretary: Open

Professional Development Coordinator: Open

Treasurer: Brian Bishop

Special Events Coordinators:

David Ferrell, Ernest Eich, & Styron Jarvis

Faculty Advisor: Carol Kline

OUTDOOR RECREATION CONSORTIUM

Each spring a group of Parks, Recreation and Tourism Management (PRTM) students sign up for the Outdoor Recreation Consortium (PRT 491M) class. This class culminates with a week long trip to the Great Smoky Mountains National Park. This trip allows students to experience a variety of management experiences in and around the Great Smoky Mountains National Park. This field experience is considered one of the best in the country for Parks, Recreation, and Tourism majors.

The Outdoor Recreation Consortium is hosted by the Great Smoky Mountains Institute

at Tremont and the National Park Service. The Consortium is in its 24th year and is cosponsored by the NCSU Department of Parks, Recreation and Tourism Management, Indiana University, Penn State University, University of Missouri, and Western Illinois University.

In 1999, sixteen Parks, Recreation and Tourism Management students attended the Consortium and brought the total number of participants to nearly 100 students and faculty from the five universities. The Consortium covered such topics as air quality monitoring, environmental education, trail maintenance,

orienteeing, and ecosystem management. The students used several methods to raise money to offset the cost of the trip to Tremont.

Dr. Roger Moore and the attending students for the 1999 Consortium trip were: Tim McAllister, Julie Wilhelm, Holly Hendricks, Monica Holliday, Angela Stephens, Christina Sorensen, Jennifer Marsh, Robin Edwards, Craford Paylor, Betsy Stec, Shannon Blair, Brian Smyrski, Rebecca Mabie, Ernest Eich, Joe Shimel, and Frank Rhodes.



seniors graduating in may or summer 1999

Daniel Seth Bacon
Stacy Annette Bailes
Brian David Bishop
Jennifer Ellen Britt
Morocco TaiJuan Brown
Justin Muir Burroughs
Jonathan Keith Cline
Richard Allen Costello, Jr.
James Calvin Cutchins III
Ashley Lynn Davenport
Todd William DeMakes
Samuel Paul Dickens
Ernest Paul Eich IV
Andrew Michael Ferguson
Laura Melissa Ferguson
David Brandon Ferrell
Jamie Lynn Garrett
William Blake Greene
Stacey Lea Hampton
Holly Ann Hendricks

Kristina Marie Henriksen
Kurt Allen Jensen
Laura Ann Kimbrell
Kimberly Joy Kiser
James Allen Kusant
Jeffrey Alan Lee
Rebecca Lee Mabie
Christopher John Mitchell
James Michael Murphy
Gary Lee Ollis, Jr.
Brian Stan Pogore
Forrest Parker Powell
Andrew Paul Powers
Clayton Jesse Simon, Jr.
Christina Dawn Sorensen
Brian William Taylor
Carolyn Jane Walton
Stephen Harris Watson
Harrold DeWayne Wells
Matthew Scot Worley



PRTM candidates for spring graduation

seniors graduated in december

William Scott Barnard
Katherine Michelle Brame
Jeffrey Terrance Butler
Anthony Patrick Campione
Ryan Michael Christian
Christie Cathlene Collins
Brandon Jerome Davis
Laura Ann Eddins
Kristen Marie Gillespie
Christopher Wayne Gillis
Heather Michele Greer
Chelsea Green Hancock
Edith Bell Henninger
Bernd Werner Herrmann
Jason Niles Horner
Jennifer Ann Liner

Brian Alan Long
Walter Elliott Mayo
Patrick Allen Moore
Amy Kay Nichols
Paul Joseph Puccio
Barbara Ann Reason
Russ Courtney Redd
Charles James Russell
Jo Anne Currin Scoggins
Eric Ryan Snipes
Dennis William Stanley, Jr.
Barbi Lynn Tart
Julie Britt Weaver
Zarah Cheri Wetmore
Haley Braxton Wightman