

PINETUM
JOURNAL OF THE
COLLEGE OF
FOREST RESOURCES
1997-1998 63RD EDITION

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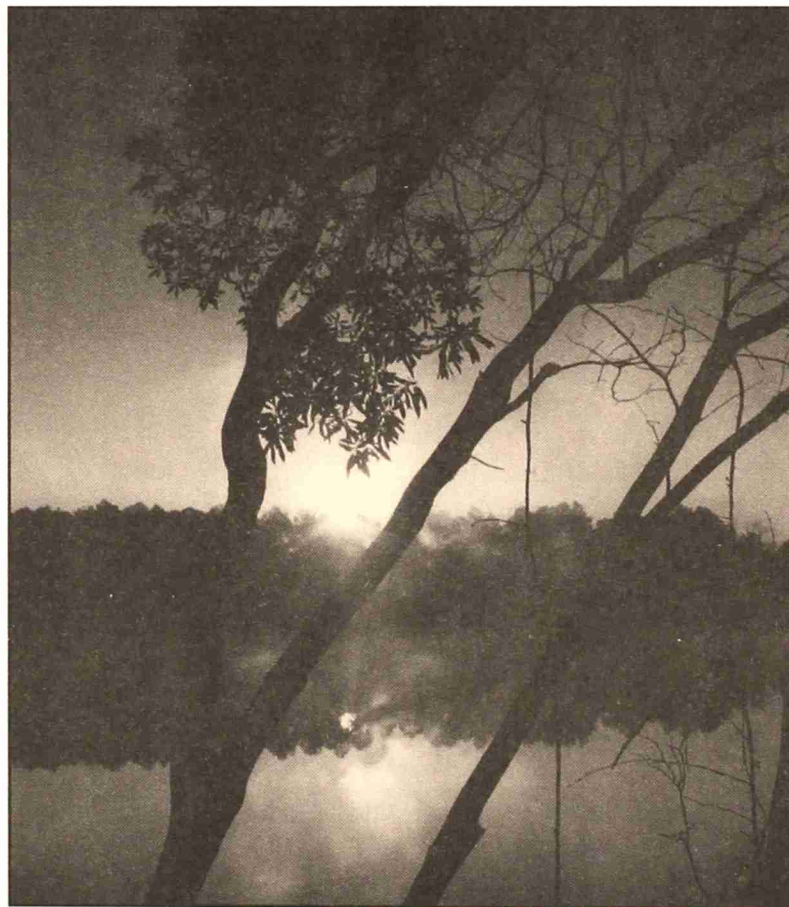


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PINE TUM

1997 - 1998
63rd Edition

Dedicated to the College of Forest Resources 1998 graduates:
Somewhere between opportunity and adversity, they found success!



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



College of Forest Resources in the age of *Lean and Mean*

In a recent article in the *Journal of Forestry*, I highlighted the changes and restructuring that is occurring in higher education today. These changes are being driven by huge social, economic, and political forces that are largely *external* to the institution known as the university but that will have profound impacts on its future. The process and pace of change varies by state and region of the country, but the fact that change is occurring is undeniable.

Change in higher education is certainly taking place in North Carolina. For several generations, North Carolinians have been proud of the system of higher education that they built. Even though we were not a wealthy state and most North Carolinians came from a rural background, our citizens saw that higher education was the answer to moving forward. They supported investments in higher education and built a university system that is the envy of the nation.

Priorities are now shifting. Interest in secondary education is intensifying, and the state is making impressive progress in correcting some serious deficiencies in this area. We are also seeing a rapidly growing interest in the community college system. Other social priorities could be listed, all of which must be financed from the state treasury. Higher education is still a priority, but it is slipping behind in levels of funding relative to other needs.

At the same time, institutions of higher learning are being held increasingly accountable for their expenditures. This, too, is appropriate. It means that higher education is increasingly scrutinized from an accounting standpoint and that state legislatures increasingly look at mea-



sure of efficiency such as costs per student credit hour. Unfortunately, these kinds of accounting measures work against unique programs like forestry, outdoor recreation, or wood products. These kinds of programs are, by their very nature, relatively low volume and high cost activities. By these measures, most of the programs in this College do not compete well against such non-laboratory programs as humanities or business.

Yet I am convinced that both the economic and the environmental future of much of North Carolina depends on how well we learn to manage our forests and related natural resources. I am convinced that this College and the people we graduate, the new ideas we uncover through research of the faculty, and the public education about stewardship of our resources represents a statewide resource that must be supported and further strengthened.

Over the next several months, the dialog about priorities in the State and the University will accelerate. As of this writing, we are searching for a new Chancellor who will replace Dr. Larry Monteith, our retiring Chancellor. Whoever fills this position will lead the dialog. All of us in the College of Forest Resources look forward to working with the new Chancellor and his or her team to assure that this College maintains its position as one of the premier institutions of its kind in the nation. Fortunately, because of our faculty, facilities, alumni, and external supporters, we have a very powerful case to make.

Converting Student Success into Success at Making A Living and A Life

by: Dr. Carol S. Love

Defining student success involves what the student believes as well as the student's experiences. A successful student is one who has a positive sense of self, worth of others, a world view, a career choice toward which academic and experiential progress is evident, and completes a degree program.

Successful Students:

- have realistic perceptions of their skill levels and their connection to career pathways;
- are knowledgeable of the realities of the 21st century for which they are preparing;
- work well in teams with peers and colleagues who are different.

Self Knowledge:	Worth of Others:	World View:	Progress Toward Career Choice:
Attitude Scale	Unconditional Respect	Geography Knowledge	Conference Attendance
Esteem/Worth Scale	Ability to Interact	Global Issues Awareness	Credits Earned Each Semester
Learning Style Index	Refusal to Impede Progress	History of Cultures	GPA
		International Career Options	Interviews
			Mentors
			Professional Club/Organization Memberships

The Office of Academic Affairs is committed to the facilitation of student success. Staff time and talent are expended to ensure global education which impacts personal and professional development for our students.

Global education is a holistic concept. It refers to either 1) comprehensive, inclusive, universal, spherical teaching/learning experiences, 2) international perspectives, or 3) engaging the total person (mind, body, spirit) in the teaching/learning process. **Personal development** involves articulating your philosophy of life which includes expressing your broad general beliefs, values, and feelings about the world and your purpose in it. As a person, there is a need to consider cultural pursuits, health and fitness activities, as well as community involvement.

Professional development is not limited to career choices, job satisfaction and upward mobility but also involves leadership roles, political activities, and **integrity**.

While most of these concepts are readily understood, integrity's meaning can be elusive. Integrity means adhering to a moral code, complete honesty, non-wavering values. For example, whether in business deals or social relationships, you can strive to be the best without seeking to destroy the competition. You can enjoy wealth without demeaning those less fortunate than you. You can be political without being controlled by special interests. Your primary goal as a leader is to advocate for the common good. That is, to place the best interests of the public over private interests. Those who maintain integrity can walk with kings and queens, yet never lose the common touch. They do not deal in lies when being lied about. People with integrity know the difference and keep a balance between making a living and making a life. Making a living means pursuing a career that provides resources to secure necessities (e.g. food, clothing, shelter). Examples of making a life mean having time to appreciate and cultivate social relationships; to pursue health and fitness activities; to enjoy the arts.

CFR students will be able to compete in a global market if they take advantage of the programs, facilities and services available to them at NC State. Additional factors which impact student success are shown in Table 1 below. As stated earlier, successful students have a realistic perception of their skill level and their connection to career pathways; are knowledgeable of the realities of the 21st century for which they are preparing; and work well in teams with peers and colleagues who are different. Successful students also participate in their major clubs, attend conferences, and participate in social extracurricular activities. If a student seeks help, there are people and programs available. The operative word is seeks. Students must not be afraid or ashamed to ask for assistance.

Table 1: Variables That Impact Student Success

STUDENT	HEALTH/WELL-BEING	SIGNIFICANT OTHERS	FINANCIAL STATUS
Attitude toward college	Campus Ministries	<i>*Positive support from:</i>	Grants
Goal directedness	Counseling Center	Family	Jobs
Motivation	Health Center	Peers	Scholarships
		Mentors	
ADMINISTRATION	FACULTY/STAFF	CAREER ACTIVITIES	RESIDENTIAL LIFE
Admissions	<i>*Effective interactions with:</i>	<i>*Academic career path links:</i>	Housing
Provost	Advisers	Conferences	Roommates
Deans	Professors	Clubs/Organizations	Programs
		Internship	
		Interviews	
		Volunteering	
ACADEMIC SUPPORT RESOURCES	EXTRACURRICULAR ACTIVITIES		
<i>Academic integration into Institution:</i>	<i>*Social Integration into Institution:</i>		
Computer Labs	Art Center		
Curricula Centers	Craft Center		
Libraries	Intramurals		
Reading Rooms	Theaters		
Study Halls	Witherspoon Center		
Tutorial Services			

*Astin, *What Matters in College*, San Francisco, Jossey-Bass, Inc., 1993

No successful person has achieved power or prominence alone. There are no self-made success stories. Bill Gates has the assistance of many colleagues in his organization to plan, implement and sustain Microsoft's success. Do a little research. What kind of student was Gates? What were his thoughts and actions as a student? Where did he seek help to make his dream a reality? In short, what were his experiences and his perspective?

One's perspective refers to one's view of life, situations, the world. For example, when you see a partial container of liquid is it half-full or half-empty? A second example is, as you are driving and notice the gas indicator is in the middle, do you think the tank half-full or half-empty? I believe you are what you think". Thoughts influence behavior. Behaviors result in success or failure. In a holistic sense, what you think influences how you feel. Consequently, how you feel influences what you do. In order to be successful, it is important to think positive thoughts, to experience feelings of support; to practice constructive behaviors. Like Maya Angelou, with her book *I Know Why the Caged Bird Sings*, you must learn to turn tragedy into triumph.

Both Angelou and Gates are success stories with global perspectives and experiences. Each realized the power of thinking then acted on these thoughts to create their realities. Make time to think and to dream. Experience leisure to maintain balance in your life. Life is a matter of activities and relationships that is circular. As the adage states, "What goes around comes around." Simply stated you get out of life what you put into it. Have a good life! GOD BLESS!!

Dr. M. Roger Warren

“To Be, Not Just To Seem”

by
Phillip S. Rea



If there is a person that personifies NC State University and the Department of Parks, Recreation and Tourism Management it is Dr. Roger Warren, who will retire at the end of the 1998 summer after 32 years of leadership and service. Recruited from his position as general manager of Tanglewood Park in Clemmons, North Carolina in 1966 by Thomas I. Hines, creator and head of the NC State Department of Recreation and Park Administration, he has served in every possible capacity and is recognized by faculty and students alike as the “final word” on policies and procedures governing academic and administrative issues.

Roger Warren began his career at NC State as an instructor of park management in 1966. Upon earning his doctorate from Indiana University in 1970 he was promoted to the rank of assistant professor and his commitment to a career in higher education and to NC State University was etched in stone. Over the next decade he was to earn the rank of professor while earning a national reputation for his expertise in park management as a result of his leadership as director of the nationally-prominent Revenue Sources Management School, and for the publication of Park and Recreation Maintenance Management with Dr.

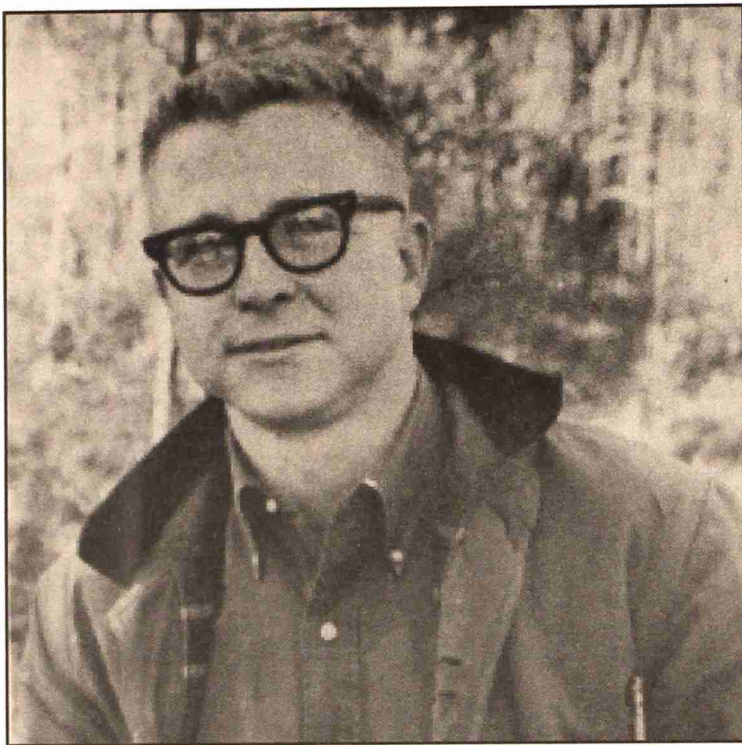
Robert E. Sternloff in 1977. Now in its third printing, it remains the primary text for park management courses throughout the United States and is a critical resource for park managers everywhere. Dr. Warren was the department’s first graduate program administrator and assumed the position of department head upon the retirement of Thomas I. Hines in 1978.

Dr. Warren has been a rock-solid contributor to NC State throughout his career. Unlike many educators that seek fame and recognition, Roger Warren’s philosophy has always reflected the motto of his adopted home state of North Carolina: “To be, not just to seem.” During his 32 years as a faculty member Roger Warren earned numerous honors including the NCSU Alumni Distinguished Professor, Academy of Outstanding Teachers, Outstanding Alumnus Award from the Indiana University department of recreation and park administration, Fellow Award from the North Carolina Recreation and Park Society, and the Distinguished Service Award from the American Institute of Park Executives. Roger was also selected as a charter member of the American Academy of Park and Recreation Administrators, a select organization of 125 total members and a limit of 25 educators.

While Roger Warren is best known for co-authoring Park and Recreation Maintenance Management, he has also co-authored or contributed chapters to seven other books and forty other professional publications.

Roger Warren’s professional interests in park management and camp administration are reflected in his personal interests in wildflower photography, visiting national parks and family camping. He is also a great supporter of Wolfpack sports having served as a member or chief of the football statistics team for over 30 years.

To say that it won’t be the same without Roger Warren on the faculty is a tremendous understatement. For 32 years he has been a key element in the development of academic and service programs for the Department of Parks, Recreation and Tourism Management, and since the retirement of Thomas I. Hines in 1978 Roger has been the keystone of our faculty. If there are any of our national parks that Roger and Arameta haven’t yet visited they no doubt will be soon. It is somewhat reassuring, however, to know that with the onset of the 1998 football season the Warren’s will be back in town and we will be able to call upon Roger for the valued advice and counsel for which he is known.



1968 - Larry Jervis joins the School of Forestry at North Carolina State University.

So, as you look at these two pictures what comes to your mind?

Congratulations to Larry Jervis: 30 Years at the CFR



1998 - Larry Jervis oversees another day at forestry summer camp.

- Are you sure they didn't get the pictures mixed up?
- Does Larry Jervis still go to the same barber as in 1968?
- How many foresters has Larry Jervis helped produce in 30 years?
- Have you ever known a more fearless bus driver?

When the officers of the NC State Forestry Club were asked what they thought would be a good feature story for this year's *PINETUM*, they didn't hesitate. So from the Class of '98, and many of others classes of forestry majors, **CONGRATULATIONS ON 30 YEARS!** And despite the kidding, don't even think about changing the haircut during the next 30 years.

CFR Student Senate Representation

*Report from James Lovvorn,
Jimmy Dodson, and Dawana Black*

This year the Student Government has been very busy. We have worked very hard on the +/- grading system throughout the University. In the past there was no +/- grading system and today many people still question it.

One big goal this year was to offer students the option of reviewing teacher evaluations. The solution was to make evaluations available on the world wide web. It has been very successful over all. It is hoped that this will continue and improve in the future.

The Student Government has been working very hard on trying to make the campus a safer place. Unfortunately, there have been some attacks on campus this year and one of the main goals of the Student Government has been to increase the involvement of the public safety officers.

The notation of fee increases was presented to the student government this year. The fee increases are geared to go toward increase in computers and the resources available on them. The student government as a whole supported this notation feeling that it would benefit everyone.

As an overall view the Student Government has felt that this year has been a very productive one in hopes that it will help benefit all the students here at NCSU.

Forestry Foundation Assists Even More Students in 1998

Students during the '97-'98 academic year may have noticed that the walls on the second floor of Biltmore Hall and the Robinson Wing look a little different than last year. The reason might be the appearance of a new crop of scholarship and fellowship plaques. Not just one or two, but many. It turns out that the College of Forest Resources stills hold the record of having the most endowed scholarships of all the colleges at NCSU. It took several weeks to install all of the new plaques that bear the names of generous contributors to the North Carolina Forestry Foundation (NCFE).

Each spring the students who receive scholarships have a chance to say THANK YOU to the members of the NCFE as part of the organization's annual meeting. It also gives the foundation members a chance to look over their investment. Funds from the NCFE go toward improvements in the building, furnishings, technology, faculty, staff, and, of course, the PINETUM!

*Thank you again North Carolina Forestry
Foundation for all that you do for the College
of Forest Resources.*

College of Forest Resources

Student Council

Officers

Adrienne Bailey, President
Michael Carver, Vice President
Dr. Carol Love, Advisor
Cory Knox, Treasurer Secretary



Representatives

Daphne Moses, TAPPI
Heather Williams, SAF
Kristie Gibson, FPS
Chris Rivenbark, NAEP
Clay Jenkins, Forestry Club
Shannon Mallison, Xi Sigma Pi
James Lovvorn, Student Senate
Michelle Brame, SRA/Rho Phi Lambda



The College of Forest Resources Student Council is composed of students from the following departments: Forestry; Wood and Paper Science; Parks, Recreation and Tourism Management. The representatives are recognized by their organizations to serve on the council for one academic year.

The Council serves the students of the College of Forest Resources in a variety of ways. Representatives attend the monthly meetings with reports on the progress, problems, and achievements of their organization. As a group, we help one another with solutions and share knowledge on leadership and strengthening each organization.

Another service the Council provides is a link to the University's Student Government. Our student government representative provides information which concerns every student. If a concern about certain issues or actions is expressed, the student government representative is able to provide the pertinent information.

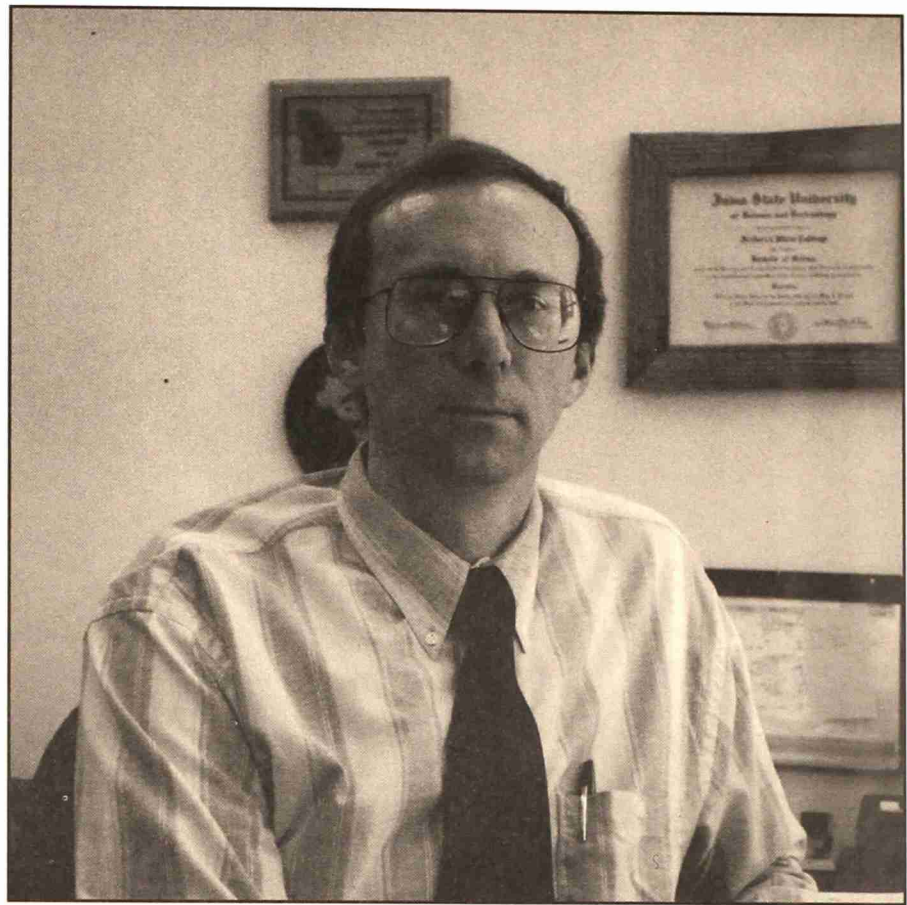
The Council allocates the College of Forest Resources student funds at the end of each academic year. Each eligible organization is given an appropriated amount to use for the following year. It is an excellent way of showing gratitude to those organizations that contribute to the Council.

At the end of every year, the Council organizes an end of the year activity. This has varied in the past from a semi formal dinner-dance, to a relaxed picnic. This allows for the students and faculty of the different departments to mingle and socialize with others to create new professional foundations and new friends.

From 1997 to 1998, the Council underwent a transition. For many years, Dr. Wellman served as the advisor to the Council. He transferred to another position on campus and was succeeded by Dr. Carol Love, a faculty member from the Department of Parks, Recreation and Tourism Management.

1997-1998 Another Successful year for the Department of Forestry

**Fred Cabbage
Department Head**



The Department of Forestry continued to have a successful academic year in 1997-1998. We had a total enrollment of about 330 undergraduate students and 140 graduate students in Fall of 1997. Undergraduate enrollment included 200 students in forest management, 70 in Natural Resources/Ecosystem Assessment, 20 in Natural Resources/Policy and Administration, 20 in Fisheries and Wildlife Science, and 20 in Environmental Sciences/Watershed Hydrology. Graduate student enrolment included 60 students in the Master of Science program, 10 in the Master of Forestry, 8 in the Master of Wildlife Biology, 12 in the Master of Natural Resources, and 50 in the Ph.D.

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 Orlando. The student chapter of the Society of American Foresters sent more than 20 students to the Annual Convention of the Society of American Foresters in Memphis, sent several students to the Appalachian Society meeting in Raleigh, and held frequent technical meetings during the year. The Forestry Club went to conclave at Appomattox in Virginia.

The curricula in the Department of Forestry underwent several minor but significant revisions. Most notably, we dropped one semester of required instruction in Physics, converted one existing university science elective to a departmental elective, and added two credits to the program. This provided us with a 128 hour forestry program, with 9 hours of advised forestry electives. In addition, we developed forestry articulation agreements with the four principal forest community college programs of Haywood, Montgomery, Southeastern, and Wayne. These changes in our curriculum and in our facilitating of transfers should help improve our

'The spring 1997 graduates had an excellent employment rate.'

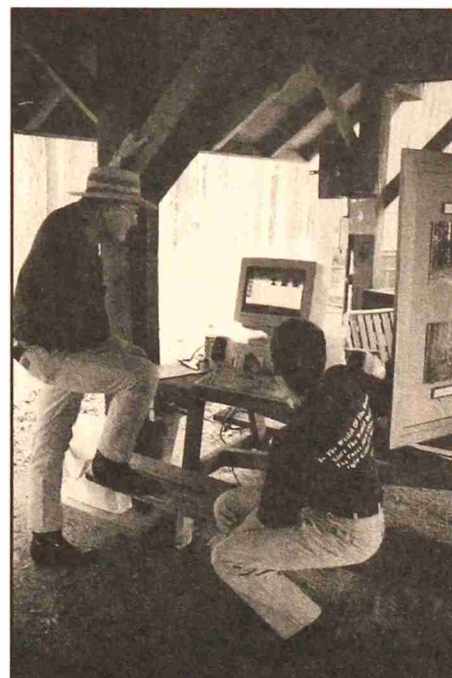


forestry program enrollment and undergraduate credit generation. A similar planning committee and actions are underway for the natural resources program.

Several faculty changes have occurred in the last year. Ed Jones moved up in NCSU Cooperative Extension, and Craig McKinley accepted the position of Department Extension Leader. Robert Bardon was hired as Extension Assistant Professor, and is working on developing new educational programs in the rural/urban interface. Dan Robison began as Assistant Professor and Director of Hardwood Research Cooperative. Erin Sills was appointed for two years to replace Jan Laarman, who is on leave, in International Forestry and Economics. Mark Ducey resigned as Assistant Professor of Biometrics in the Forest Nutrition program, in order to accept a position at New Hampshire.

The spring 1997 graduates had an excellent employment rate. Eighty-nine percent of the 18 reporting forest manage-

ment graduates were employed or attending graduate school six months after graduation, with an average salary of \$27,300. Only about half the 26 natural resource graduates reported their employment. Of those, 80% were employed, at an average salary of \$25,500. Twenty-six of 31 graduate students responded to surveys after graduation, and 96% 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 student went to a large variety of scientific, professional, academic, and natural resource positions.



NCSU Forestry Club

1997/1998 Officers
Clay Jenkins, President
Simon Rich, Vice President
Heather Williams, Treasurer
Heather Hargis, Secretary
Taitt Triplett, Sargeant at Arms



Forestry Club/Society of American Foresters at NCSU is a club for the students. Our goal is to be an informative organization, bringing current issues in forestry to the attention of our fellow members. This usually comes through guest speakers from a variety of private companies and government agencies. Our meeting format allows students to become acquainted with other professionals in our field in an informal setting.

The most important attribute of the Forestry Club/SAF is that it gives students the chance to interact with one another. All classes in the Forest Management Curriculum have the opportunity to get to know each other and to make friendships that will last a lifetime. With 50+ members we should take pride in the fact that we have one of the strongest support groups for students, in our University.

The Forestry Club/SAF has many activities that keep us busy. Competitions such as rolleo, conclave, and related field trips are just the beginning. This year many of our club members were able to attend the SAF National Convention, in Memphis Tennessee. The exciting 12 hour road trip was just a prelude to the meeting itself. We had the opportunity to attend several seminars, we heard Mark Twain speak, and we ate lunch on an exquisite balcony with some NCSU Forestry Alumnus. One of the most fascinating points of the trip was crossing the Arkansas/Tennessee state line 5 or 6 times a day, as our hotel was in West Memphis, just across the roaring Mississippi River. Beale Street was also a source of many happenings that included watching a beer drinking goat and that incredible group of boys doing flips in the street, for money.

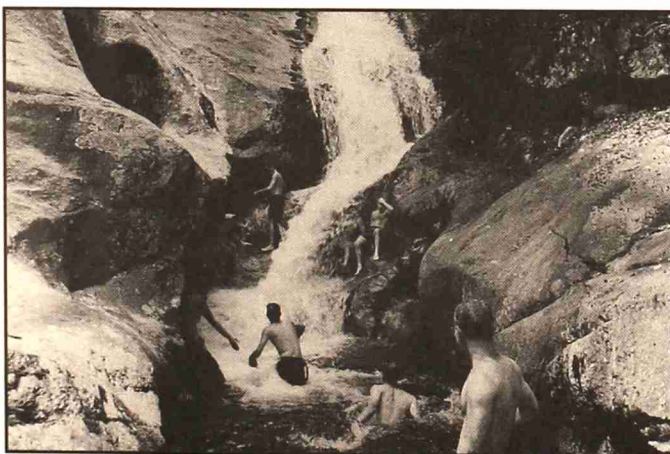
Our club works very hard to improve the image and opinions of forestry and foresters in the eyes of the public. Many opportunities to do this arise every year. In the past we have planted trees, cleaned brush from people's yards, and we have made steps at helping with forestry education. Last spring the forestry club set up a booth at Arbor Fest, where we demonstrated some tree measurement skills and even cut up some logs using our speedy cross-cut saw. This year hopefully we'll be asked to do the same. We are also involved in North Carolina's Adopt A Highway Program. By cleaning trash from a rural road off Tryon, we feel that this is just one of the many ways we can help with the attempts to keep NC clean and beautiful.

1997 Forestry Summer Camp



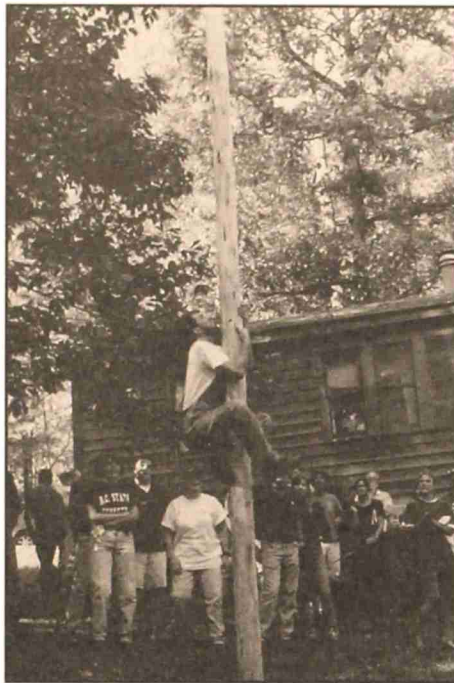
One thing that doesn't change much from year to year is the forestry summer camp. Who says that foresters don't hug trees occasionally? These people know where the next ream of paper is coming from.

Hill Demonstration Forest: the land of the disappearing bridge. So far, the record is 3 washouts during the ten weeks of camp, set in 1995. No wonder they won't pave this thing!



This same spot has been the swimming hole for many an exhausted forestry student coming down from Linville Gorge. Not everyone comes prepared to swim. Oh, if these rocks could talk!

61st Annual ROLLEO



When the leaves begin to fall and the weather turns cooler, everyone around the CFR knows that it is “that time” again. Rolleo means a day of exciting fellowship and competition. This event allows current students, faculty, and alumni to come together to test or perhaps even show off their woodmen’s skills. These skills range from cross-cut sawing to dbh estimation. For new members of the club, Rolleo gives them the opportunity to try each and every event if they would like. This chance to practice gives members confidence and usually encourages them to participate in other aspects of the club.

This year the junior class had a very impressive attendance at Rolleo. Their interest and enthusiasm led them to an overall victory amongst the classes. We also had two freshman, coming into their first Rolleo with much success. It was very exciting to see each of them take home an award.

Recently there has been an increasing number of students getting involved with the club and its woodmen’s team. It is very important for students to join the club as soon as possible. It has been the club’s priority to search out the freshman and sophomore students and get them into the club early in their academic career. Those students that can spend as many years as possible in the club will appreciate the opportunity to participate and will certainly help make the club better.



1998 CONCLAVE

Reported by Heather Williams, Class of '98

This year's competition in forestry skills was sponsored by the Virginia Tech Forestry Club and took place in Appomatox, Virginia. Over 40 students from NCSU's Forestry Club attended the competition. We had a great time and brought home several awards for our school. The final standings placed our team in third place in the overall competition. Congratulations to those students who placed and to all the forestry students who competed, supported and cheered for our team.



Technical Skills

Jeremy Brinkley
Charles McDougall
Chris Manus
Ryan Keeter

Photogrammetry	1st Place
Dendrology	3rd Place
DBH Estimation	3rd Place
Compass & pacing	1st Place

Physical Skills

Tait Triplett
Clay Jenkins
Clay Jenkins & Charles Hines
Jennifer Johnson & Heather Williams
Andy Jenks & Heather Williams
Andy Jenks

Archery	1st Place
Pole Felling	1st Place
Men's Cross Cut	1st Place
Women's Cross Cut	2nd Place
Jack & Jill Cross Cut	2nd Place
Log Chopping	2nd Place



Xi Sigma Pi Mu Chapter

On November 18, 1997, the Mu chapter of Xi Sigma Pi, the forestry honor society, inducted sixty new members. The following candidates showed superior scholarly achievement and were invited to become members of the society:

Cristina Almeida	James Dodson, Jr.	Wesley Ledford
Alexis Anderson	Benjamin Dorsey	George Lee
Peggie Arnold	David Drake	Charles McDougall
Adrienne Bailey	Todd Earnhardt	Scott Metheny
James Bailey	Laura Eddins	Jon O'Brien
Roger Barr	Valerie Everette	Douglas Parker
Jennifer Beck	Wilson Faquin	Richard Phillips, Jr.
Bishop Tyler Boshier	Jeremy Ferrell	Heather Reilly
Katherine Brame	Brent Fogelman	Mark Romagosa
Brian Bridgeman	Katie Forrest	Brooke Rudd
Jeremy Brinkley	Theresa Galinski	Donna Scheungrab
Wendee Britt	Aaron Gay	Jo-Anne Scoggins
Daniel Brown	Jean Hannon	Clay Shearin
Darin Burns	Casey Hearn	Archie Simmons, Jr.
Lee Cannady	Travis Hughes	Anthony Snider
Jui-Chi Chen	Scott Hyatt	Daniel Tenney
Lori Clark	Angela Hylton	Vanessa Van Wyck
Daniel Coughlin	Mallie Jenks	Jeffery Wait
Lucy Cromer	Alexander Johnson	Harold Wells
Timothy Disclafani	Bryan Laney	Zarah Wetmore

I congratulate these and all Xi members for their high level of academic achievement.

Shannon Mallison, Mu Chapter Forester (1997/8)

Two Members Recognized

Special recognition was given this year to two individuals. Peggie Arnold was invited to become a Xi Sigma Pi member. Ms. Arnold was recognized for her superior achievement assisting our organization throughout the years. Her steadfast service for Xi has been appreciated by our members. She was inducted as an honorary member during our ceremony in November. Kelley Duffield was also given special recognition during the November ceremony. Ms. Duffield, a former Xi forester, provided the chapter with a beautifully crafted banner of the organization's seal. It was a much-needed addition for the Mu chapter of Xi Sigma Pi. The members of Xi Sigma Pi thank both of these women for their dedication to the society.

NC State Chapter of the 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.

1997-1998 Officers

Chris Rivenbark, President
Alan McKinney, Vice President
Andriane Brown, Secretary
Matt Haney, Treasurer



The NC State chapter of the NAEP has had a successful year. Two members, Sean Clark and Chris Rivenbark, and the chapter's faculty advisor, Dr. Gary Blank, attended the annual conference in Orlando. Several guest speakers provided students with information used in today's environmental professions. Dr. Blank encourages the exchange of information between students of different curricula. Members represent several curriculums including Natural Resources, Environmental Science, and Forestry to name a few. The chapter worked with the NC State Forestry Club/ Society of American Foresters during a fall fund-raiser. The clubs sold Christmas trees and had successful results.

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. Delegates from the NC State chapter will attend the annual conference in San Diego in June.

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 NC State student chapter of the NAEP are held once a month and all open to all interested students and faculty.

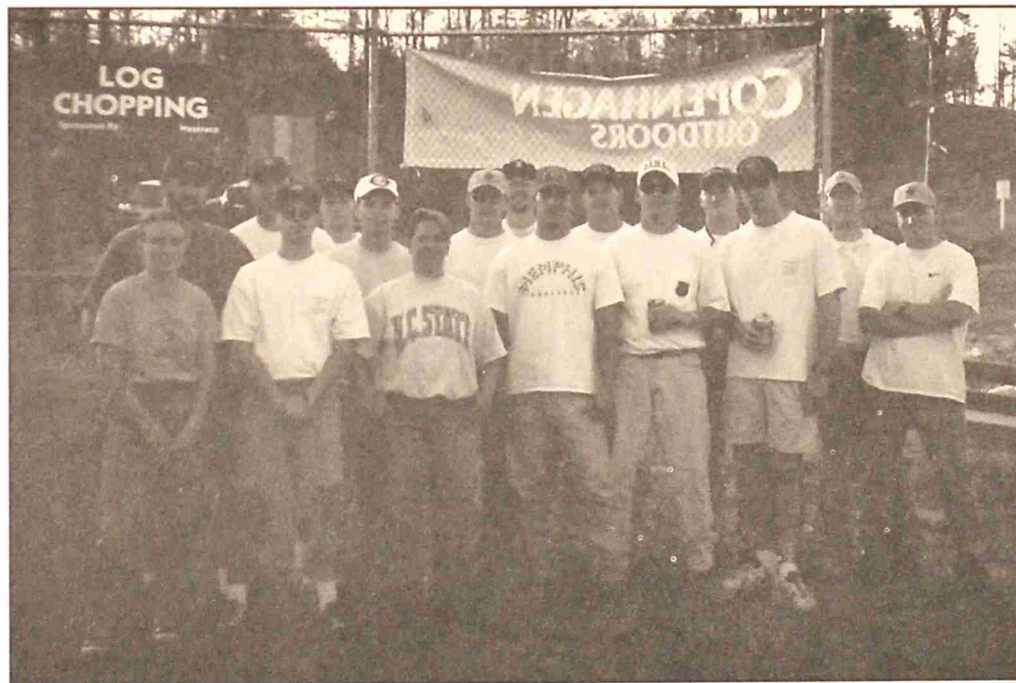
Forestry Class of 1998



Matthew Jason Barker
Jeremy Scott Brinkley
Donald Bradford Dickerson
Michael Edward Elliott
John Mark Enloe
Keith Wilson Faquin
Christopher Kyle Galbraith
Ira Ted Goodnight
Gregory Micheal Hicks
Charles David Hines

Everett Clay Jenkins
Ryan Todd Keeter
Heather Anne Kendall
Edward Fidelis Lingg
Jason Clarke McRee
Christopher Parks Manus
William Greg Meachman
Ralph Owen Miller
Matthew Ronald Needham

Dennis Keith Register
Simon Brown Rich III
Christopher Eric Smith
Brian Jonathan Spencer
Teresa Ann Suggs
Joshua Lawrence Tootoo
Bryan Patrick Turnbull
Heather Anise Williams
Matthew Lambert Wimberly



Natural Resources Class of 1998

ESH

Sylvester Anslem Percival

NRE

Harold Morris Brady
Alden Thompson Burgess
Alexander Doyle French
Kathleen Marie Halabuk
Garretson Birch Jones
Shannon Marie Mallison
Jennifer Renay Miller
Mack Christopher Rivenbark

NRP

Scott Martin Hyatt
Audrey Therese Williams



Southeastern Wildlife Conclave & Leopold Wildlife Club's Year in Review

-Brad Smith, President, LWC

Early on March 19, thirteen members of the Leopold Wildlife Club, a student chapter of The Wildlife Society, boarded a van for a long trip to Richmond, KY. The purpose of this trip - to compete in technical events as well as to interact with the soon-to-be professionals in the wildlife field. Students from over ten different schools across the southeast attended the Conclave.

As the ten hour trip to Eastern Kentucky University came to a close, all were anxious to get the festivities started. After a quick registration period, the social began and many of the Leopold Club's members were able to make some vital connections with others in their field. The next day's activities began with Quiz Bowl. The Leopold Wildlife Club survived through three rounds of competition, but then fell in a close competition. The Quiz Bowl included many technical questions, as well as identification of various fish, birds, amphibians, and mammals. The day concluded with the field competitions. Because of the weather, only the archery, telemetry, game calling, and team field competitions were held. Brad Smith finished fourth in the archery competition, Matthew Comer and Allison Bell finished in the top five in the telemetry competition, and Kendall Smith stirred the crowd with his impressive duck call. The entire group came together in an impressive effort in the team field competition, which was comprised completely of species identification. The next day's events offered a spectrum of chances for students to gain valuable knowledge. Several workshops were held for students to choose from. Workshops included wetland delineation, a herping field trip, a trapping workshop, a scheduled electro-shocking workshop, a game calling workshop, and a trip to a natural bridge formation in Kentucky.

The students left late on Saturday night for an all night drive back to NC State. After a few hours of sleep, many of the members expressed the desire to go to the Conclave next year, when the event will be held at Louisiana State University, and then at the University of Florida in the year 2000.

Wildlife Curricula Graduates

Fall 1997

Chris Blanton
Lee Cannady
Scott Crocker
Joe Deppe
Alicia Jackson
Paul Kurilla
Dawn Miller
Matt Parker
Todd Ramsey
Jennifer Wilson
Ryan Wittig
Doyle Worthington
Neill Yelverton

Spring 1998

Chip Collier
Matthew Comer
Donald Cooper
Brandon Dillistin
Van Dotson
Wilson Faquin
Todd Finch
Katie Forrest
Joe Gardner
Amy Goldsworthy
Bennie Hammonds
Sandy Harris
Janet Howard
John Humphries
Jason McKinney
Alan Moore
Tua Pickering
Brian Spencer
Paul Thompson

Parks, Recreation and Tourism Management Celebrates Silver Anniversary

Phillip S. Rea, Department Head



The Department of Parks, Recreation and Tourism Management celebrated its Silver Anniversary during the 1997-98 academic year. In 1947, Thomas I. Hines was invited to create a curriculum to prepare professionals to develop and manage recreation programs and facilities in rural and industrial communities to enrich the lives of North Carolinians that had few leisure opportunities available. Originally in the College of Education, the curriculum had the opportunity to join the School of Forest Resources in 1967. With that move went a title change to Recreation Resources Administration to reflect the program's increased emphasis on natural resource based recreation. As North Carolina's tourism industry experienced exponential growth in the 1980's, the department increased its emphasis on tourism and commercial recreation management, which led to a final name change in 1989 to Parks, Recreation and Tourism Management.

While the department has broadened its scope and experienced three name changes over its first fifty years, its basic mission to improve the quality of people's lives and the livability of their communities through the provision of park, recreation and tourism resources that are environmentally, socially, and economically beneficial, is consistent with the reasons for developing the first program in 1947.

Silver Anniversary Events

A 50th anniversary is worthy of celebration. Academic programs, like businesses, friendships, or even marriages, don't survive for five decades unless they are sound in principle and include people that are committed to the good of the organization. As a result, all traditional departmental events used this special occasion as a theme for the 1997-98 academic year — and what a year it was. Highlights include the biggest Job Fair and Spring Banquets in the program's history, and the development of a Silver Anniversary commemorative publication. In addition, PRTM became the first recreation curriculum in the United States and Canada to receive its 20 year accreditation.

The Job Fair, conducted annually by students in Rho Phi Lambda and the Student Recreation Association, attracted fifty-two employers and over 900 NC State students, a 30% increase over previous years. The annual spring banquet took on a new look as the department recognized 75 leaders of park, recreation and tourism agencies and organizations as "PRTM Partners" as a way of expressing appreciation for their sponsorship of internships, scholarships, research contracts, and other forms of support. A highlight of the banquet was the keynote address by Dr. Roger Warren, who will be retiring at the end of the 1998 summer after 31 years of service as a faculty member and administrator.

Annette Moore deserves a very special “thanks” for directing students in the management of the Job Fair and Spring Banquet.

Faculty Changes

In addition to the retirement of Dr. Roger Warren, the department lost the service of two very important faculty members: Dr. Carolyn Love and Dr. Douglas Wellman. Dr. Wellman, who served as Associate Dean for Academic Affairs for the College of Forest Resources, and a member of the PRTM faculty, accepted a special appointment as Director of the new NCSU Faculty Teaching and Learning Center, which will provide support for faculty in improving teaching skills, including the use of technology-based multi-media systems.

Dr. Carolyn Love, a member of the PRTM faculty since 1978, assumed the position of Associate Dean for Academic Affairs in the College of

Forest Resources in January, 1998.

Dr. Beth Wilson was appointed Associate Department Head for Academic Programs in PRTM. With Dr. Warren’s retirement, Dr. Wilson assumed responsibility for the undergraduate and graduate programs.

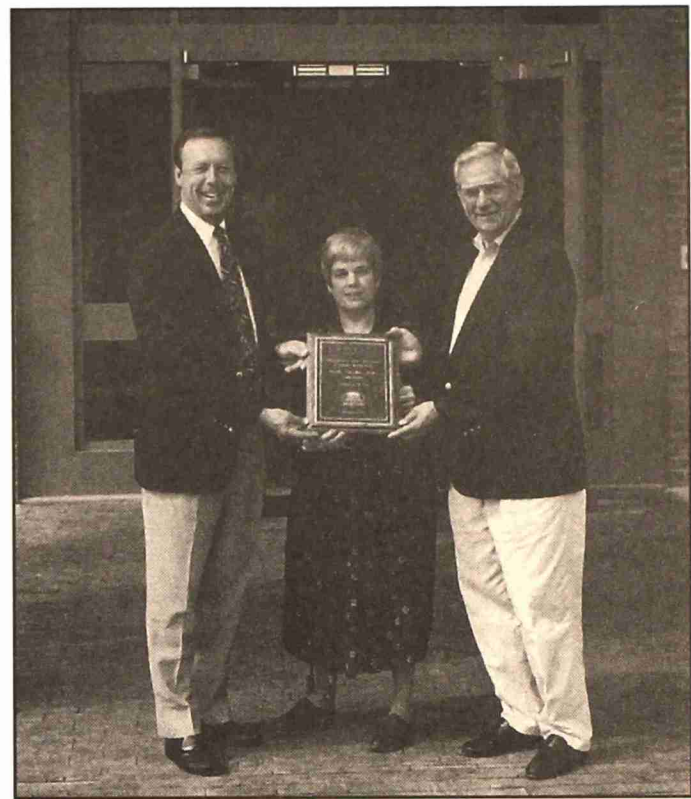
Student Activities

A number of PRTM students were involved in professional activities and conferences during the past year. Dr. Michael Kanters accompanied nine graduate students to the Georgia Southern University Sport Management Conference in February. Following the conference, they traveled to the new Disney Wide World of Sports complex in Orlando for a tour and meetings with management personnel.

In October, Scott Haire, President of the Student Recreation Association, attended the annual Congress of the National Recreation and Park Association in Salt Lake City, Utah, and in November, 20 undergraduate students participated in the annual conference of the North Carolina Recreation and Park Society Conference in Charlotte. Most of the students were able to stay for the PRTM annual alumni luncheon, at which Mr. Boyd Lee, Jr. (B.S., 1966) received the 1997 Outstanding Alumnus Award.

Graduate Students David Cernicek, Samantha Mitchell, and Deepak Chaabra participated in extended travel educational experiences. David presented a paper on his masters thesis to the River Management Society Annual Symposium in Anchorage, Alaska, while Deepak Chaabra, a Ph.D. candidate from Kashmir, India, presented her research on the impact of Scotland on tourism trends in North Carolina at an international tourism research conference in England. Samantha Mitchell attended an NCSU sponsored expedition to Peru in March to study the environmental and cultural impacts of packaged eco-tourism tours.

As PRTM completes a year of special events focused on a half century of excellence in education, service and leadership to the park, recreation and tourism professions, it is exciting to realize that most of the students currently in our curriculum will have the opportunity to participate in a 100 year anniversary of the department in the year 2047, and will do so with the same pride and enthusiasm that we have in our first 50 years.



Rho Phi Lambda Joins in Celebrating PRT's 50th Anniversary

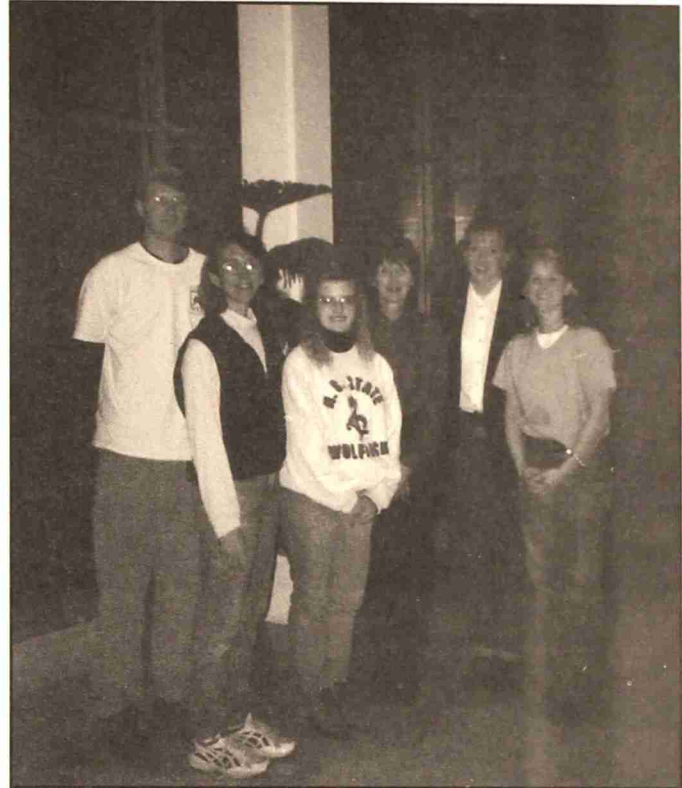
1997-1998 Rho Phi Lambda Officers

President:	Martin Rothman
Vice President:	Kurt Jensen
Secretary:	Barbi Tart
Treasurer:	Mary Jo Cadeno & Stephen Watson
CFR Council Rep:	Michelle Brame
Job Fair Assistant:	Andrew Powers
Advisor:	Annette Moore

1997 - 98 has been an exciting year for Rho Phi Lambda, the Parks, Recreation, and Tourism Management Honor Society. This year marks the 50th anniversary of PRT as a department, and we have been working hard to make this year memorable.

We began the year by hosting a Pig Pickin' with the Student Recreation Association. The Pig Pickin' helped boost active membership in both clubs, as well as enabling PRT majors to get to know one another better.

Midway through fall semester, we began making preparations for our annual PRT Job Fair, which was held January 21 in the Student Center Ball Room. Dozens of agencies were contacted and invited to attend the one day function. Follow-up calls were made, and arrangements 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 and to entice them to attend. Fifty-two agencies, offering hundreds of seasonal, part-time, full-time, and internship opportunities, were represented at this year's Job Fair. Over 900 students signed in at the registration tables. This was a fabulous avenue for meeting potential employers and professionals in our field



(many of whom were alumni of our department). The Job Fair gets bigger and better every year. While it is a major undertaking for our club, the benefits are great. We gained great experience by being involved in all the behind the scenes aspects of putting on a major event, as well as getting to speak with and meet professionals from all facets of the recreation, park and tourism industry. The production of this year's Job Fair was a definite group effort. Special thanks for all your hard work go to Rho members Barbi Tart (who did all the graphics work!), Andrew Powers, Martin Rothman, Michelle Brame, JoAnne Scoggins, Zarah Wetmore, Chris Mitchell, Kimbedy Warrick, Adrienne Bailey, Dan Bacon, Laura Eddins, Stephen Watson, and Kurt Jensen. Working together made the job fun!

Both fall and spring semesters, members of Rho Phi Lambda had the opportunity to do some peer advising for PRT 152, Introduction to Recreation, students. Offering advice and insights, these upperclassmen were able to suggest courses and

encourage departmental involvement, to help underclassmen get the most from their college experience.

This year's annual Spring Banquet will be the pinnacle of our 50th Anniversary Celebration. To be held Wednesday, April 1 at the McKimmon Center, the program will include recognitions of "PRTM Partners" - people and agencies who have made significant contributions to the success of our department. As is tradition, we will also recognize outstanding students and faculty. Dr. Roger Warren, our keynote speaker, will overview our first 50 years as a department. Annette Moore's PRT 358 class is coordinating this year's Spring Banquet. New Rho Phi Lambda members will be initiated immediately prior to the Spring Banquet.

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 NC 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.

We encourage PRT majors with a minimum of 9 credit hours in the department, an overall GPA of 3.0, and a major's courses GPA of 3.2 or better to accept our invitation to join Rho Phi Lambda. Our involvement in Rho Phi Lambda has enriched our education here at NC State.

Get involved with Rho — you'll be glad you did!

Active Rho Members

Dan Bacon, Adrienne Bailey, Scott Barnard, Brian Bishop, Laura Eddins, Joel Freedman, Andrew Martin, Chris Mitchell, JoAnne Scoggins, Brian Smyrski, Mike Sweitzer, Jane Walton, Kimberley Warrick, DeWayne Wells and Zarah Wetmore



Student Recreation Association

Student Recreation Association 1997-98 Officers

Scott Haire - President

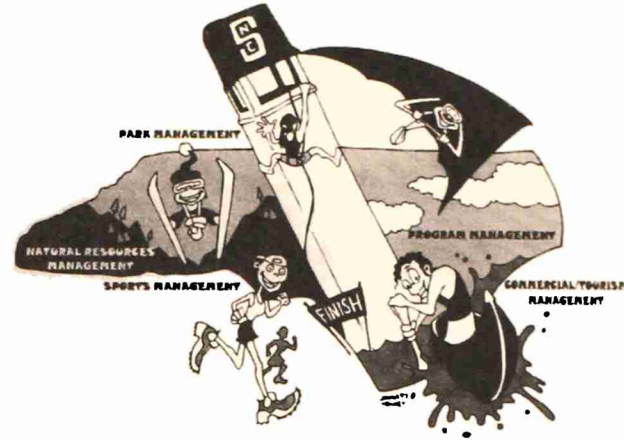
Ernest Eich - Vice President

Zarah Wetmore - Secretary

Michelle Brame - Treasurer

Tony Campione - Special Programs Coordinator

Kathy Hamilton Brown, Advisor



The Student Recreation Association (SRA) has had a tremendous year! Membership has increased dramatically as well as participation. The new SRA T-shirt was a big hit and made Parks and Recreation majors the best dressed in Biltmore! There were a variety of activities and events as well:

The NCRPS, membership drive Pig-Pickin' at Pullen Park! Faculty and students came together for some great cooking, fun times and to talk about NC State's student representation at the National Conference of Recreation and Parks Society (NCRPS) in Charlotte! 30 students attended the NCRPS, and while there they attended a luncheon hosted by the "Carolina Panthers" at Erickson Stadium! The SRA's very own Scott Haire was voted in as the new President of the Student Division of the NCRPS!

The Spring Banquet on April 1st, celebrating our department's 50th year anniversary was a great time! Students as well as faculty were given various honors, enjoyed some great food and a fun time! Monthly SRA meeting also kept members up to date with some of the changes taking place and gave members an opportunity to come together and meet each other!

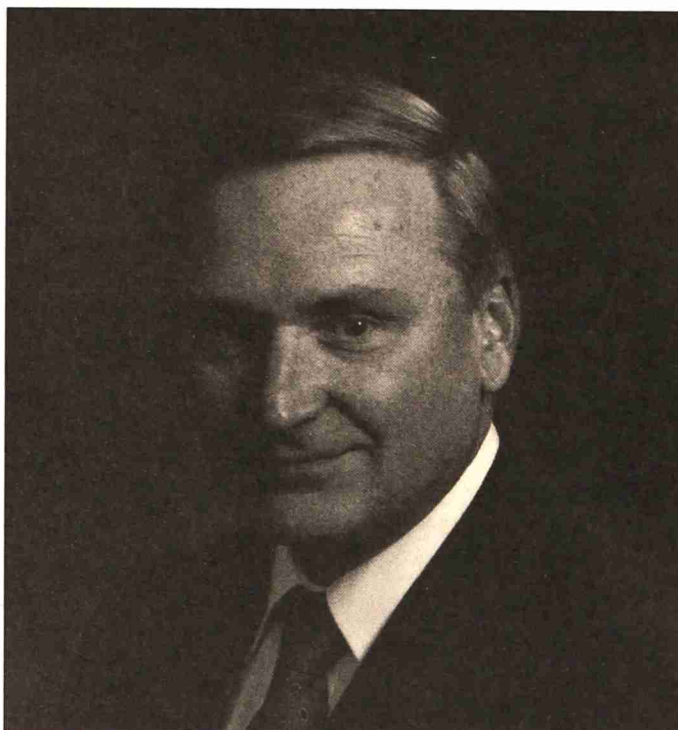


Parks, Recreation, and Tourism Management Class of 1998



Adrienne Teresa Bailey
Stephanie Darlene Brown
Anthony Patrick Campione
Jason Paul Caspar
John Christopher Danehower
Melissa Dawn Douglass
Bridget Anne Ducken
Darren Scott Goroski
Jeffrey Bryan Hagood
Allen Bruce Hammermann
Christina Lynne Henry
Craig Arthur Jacobs
Kelly Marie Lewis

Thomas Edward Loughlin
Jay Thomas Luxford
Jeanne Theresa Mann
Kyle Andrew Martin
James Thomas Parker II
Emily Rebbecca Preslar
Maxwell Peter Rogers
Martin Derek Rothman
Daniel Todd Skinner
Kurt James Sokolowski
Victoria Tate Tutterow
Amanda Jayne Tyler
Kimberley Anderson Warrick



Faculty Excellence Paves the Way for Student Achievement

Dr. Michael Kocurek, Dept. Head

The Department of Wood and Paper Science continues to grow in the depth of its partnerships with industry, endowed scholarship and post-baccalaureate employment. This is made possible in large measure by the dedicated and innovative work being done by the faculty in the department. Although the entire staff, teaching faculty and instructors are playing essential and exemplary roles in the success of the department, there are some activities that bear special significance:

Paper Science

Med Byrd: is actively working on his Ph.D. while also directing the activities of the Pilot Plant. His work in pulping Non-woods is summarized by the comment that “we are actively pulping any fibrous material that does not have a pulse.”

Dr. Hou-Min Chang: will be on sabbatical leave (his first in 30 years) this spring at Kyoto University in Japan. He has been invited to conduct research in wood chemistry, pulping, and bleaching, and to lecture to the faculty and students.

Dr. Richard Gilbert: continues to manage the graduate program of 40 students and is still active in wood polymer research. We welcome more students and companies to sponsor research.

Dr. Joe Gratzl: remains one of NC State’s best international ambassadors, giving lectures and doing collaborative research in Finland, Austria, China, India, Russia, Sweden, and for the United Nations.

Dr. John Heitmann: is overloaded with seniors in the Paper Machine course. They are still producing 11 different grades of paper and board. John is also coordinating an *Industry Paper Machine Workshop Short-course* to be held this summer.

Dr. Hassan Jameel: has been nominated by the College to be the 1998 Alumni Distinguished Faculty. Dr. Jameel is active in converting his courses into a web based electronic format.

Dr. John Kadla: is halfway through his postdoctoral program working on oxygen, peroxide pulping and bleaching.

Dr. Adrianna Kirkman: continues to spend her time meeting the needs of the undergraduate student body, which stands at just under 200 majors. Adrianna sends her best to the alumni.

Dr. Mike Kocurek: has just completed his first year as Department Head. Getting more involved in teaching will help him get to know more students. It has been a pleasure to meet the alumni during mill visits and conferences. We have the best program in the world and will keep it that way.

Dr. Heinz Olf: is coordinating the series of lectures on Paper Products and Converting in the senior year. These presentations are given by Industry guest speakers and focus on the converting of paper, board, and tissue. Coating and sizing are also included. The faculty recently made this a 2-credit senior course.

Dr. M. K. Ramasubramanian (Ram): is actively putting together industry working groups in Tissue and Toweling. His research in paper physics has clear application in box making and cup making.

Dr. Richard Venditti: is teaching the Freshman 102 course. We have included more mill tours to give the students more awareness of the mill environment. Dr. Venditti remains very active in Recycling projects and issues. He and Dr. Gilbert have prepared regenerated cellulose fibers using melt spinning; a potentially lower cost and more environmentally-friendly process than the present-day solution spinning process or preparing regenerated cellulose fibers (e.g. rayon and tencel fibers). The melt spun fibers have higher strengths than the rayon or tencel types.

Dr. Chen: remains at the top of his field in enzymatic pulping and bleaching. His work in wood by-products could lead to new valuable drugs.

Wood Products

Dr. Joseph Denig: organized SCANPRO '97 (November 1997), a scanning conference designed to improve the profits of lumber manufacturers.

Dr. Craig L. Forbes: is surveying the architectural woodworking industry to learn about the structure of this industry and its use of hardwood plywood.

Dr. Larry G. Jahn: is producing a forestry and forest products data book to help North Carolinians increase their knowledge of forestry and the forest products industry. He is continuing his work on consumer education.

Dr. Bohumil Kasal: models wood structures and connections. He is analyzing and designing wood structural systems and subsystems and their resistance to hurricanes and other high winds.

Dr. Myron W. Kelly: remains the leader and heart of the Wood Products program. He still teaches the most courses in the program and is the most knowledgeable about alumni activities.

Dr. Philip H. Mitchell: is studying furniture rough mill cut-up operations in an effort to improve yield and productivity in conventional and computerized cut-up systems. He also conducts in-house rough mill workshops.

Dr. Perry N. Peralta: is studying transport phenomena in wood, wood-moisture relations, and lumber drying. Perry is responsible for the Wood Products web site.

Dr. John S. Stewart: co-directs the wood machining and tooling, vibration analysis, machine design, and tool wear program. He joined the Department of Mechanical and Aerospace Engineering in 1974 and the Department of Wood and Paper Science in 1991.

Dr. Elisabeth A. Wheeler: has been nominated by the College to the 1998 Alumni Distinguished Faculty. Her work in systematic and ecologic wood anatomy, computer-aided wood identification, relationships of anatomy and wood properties, and tropical woods has won her international recognition as one of the world's best scholars on wood.

Rick LeMaster: has been appointed Co-Director of the Wood Machining and Tooling Research Program. This program provides manufacturers with graduates and applied research aimed at improving wood machining efficiencies.

Dr. Tony LaPasha: directs the program for testing high-pressure decorative laminates that are used as surfacing materials on counters, furniture, paneling, and flooring. This program, based in Hodges Laboratory, is the only one of its kind in the United States.

The faculty and staff, along with the students, comprise the largest Paper Science and second-largest Wood Products program in the United States. The active support of Industry is the third component of success that ranks these programs as the best of their kind.

Wood Products Summer Practicum 1998

By Grady Fussell and Carl Parker

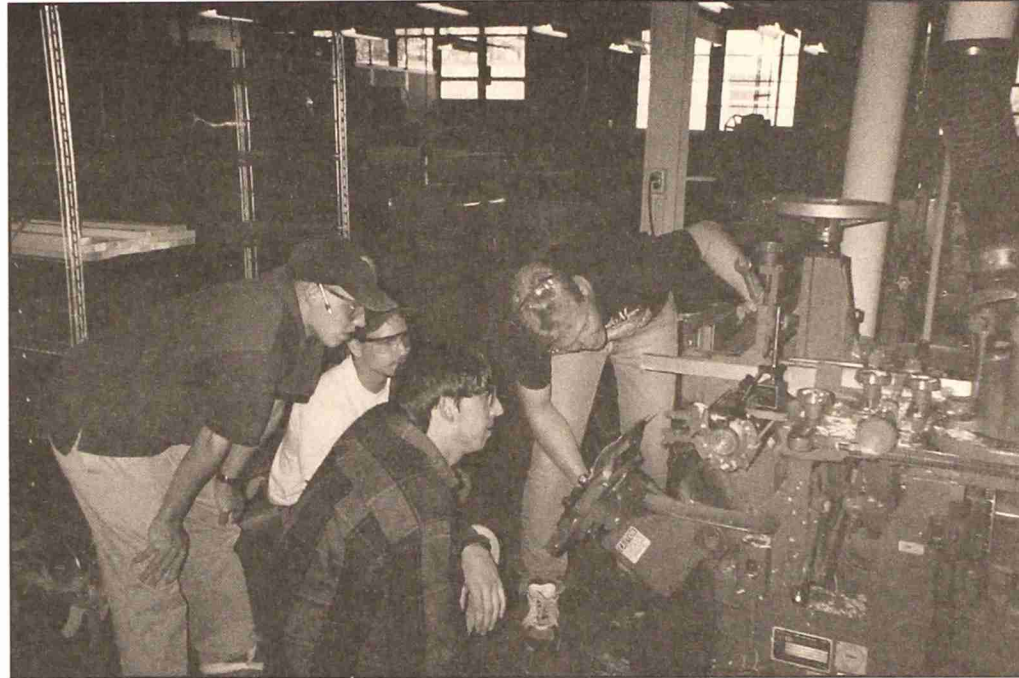


The Summer Practicum is an opportunity for Wood Products students to gain first hand knowledge of woodworking machinery in Hodges Laboratory and to gain a needed perspective to the wood products industry. The practicum is an intense 5-week course consisting of 8+ hour days that provides an invaluable learning experience.

Four weeks of the course are 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 in the lab. Portions of each day for two weeks were spent machining parts to construct a three-drawer bachelor chest. During the latter two weeks, the parts are 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 close up look at the diverse wood products industry. The first plants visited were Georgia Pacific in Roxboro, NC, which produces engineered laminated

beams, and I-joists, and Louisiana Pacific's oriented strand board (OSB) plant. A number of furniture plants followed including Cooper Hooker, Bassett, and Pulaski. Columbia Forest Products, a hardwood plywood manufacturer, and Hon, and office furniture manufacturer were also visited. The plant visits ended with a tour of Toney Lumber Company, a manufacturer of southern yellow pine lumber, and Summit Company, a mulch manufacturer.



The practicum drew to a close with a few days left to spend putting the finishing touches on the chest and studying for the final exam. At last, after five weeks of long, hot days in the classroom and laboratory, we had a great sense of accomplishment and a quality piece of furniture. We then returned to our own routine, which included new internships or summer hobs with a better understanding of our field of study.



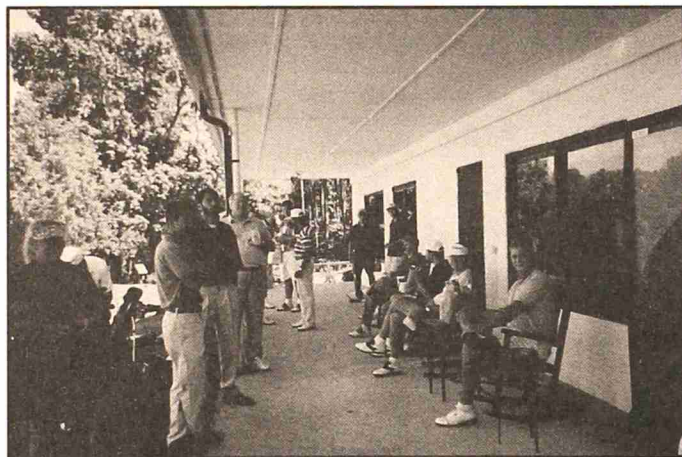
Tappi / PIMA Students Motivated

TAPPI OFFICERS 1997-1998

President: Shannon Bumgarner
 Vice-President: Jordan Laufer
 Secretary: Shahnawaz Siddiqui
 Treasurer: Rommel Carswell
 Programs Chair: Terri Lail
 Publicity Chair: Zac Guy
 Activities Chair: Christine Schwartz

Fundraising Chair: Michael Dowdy
 Paper Express Chair: Angie Hylton
 Senate Representative: Jeff Goodwin
 Forestry Representative: Daphne Moses
 Senior Class Representative: Chad Branch
 Junior Class Representative: Mary Harris
 Sophomore Class Representative: Brad Boyette
 Freshman Class Representatives: Travis Lail & Lindsay Adkins

In late August 1997 the N.C. State University Tappi/PIMA chapter hosted its 1st annual Golf Tournament at Wake Forest Golf Club. The tournament was held to raise money for the senior Tappi members to attend a National Tappi conference in Nashville, Tennessee. The tournament was funded by companies that sponsored each of the holes. The spongers were Ashland Chemical, Fortune, Ecusta, Nalco, Honeywell Measurex, Quaker Chemical Corporation, Ahlstrom Pumps, Vinings Industries, Hercules, Nottingham Co., Weyerhaeuser, Buckeye Cellulose Corporation, Mechanical Equipment Company, Wood Equipment Company, Inc., BetzDearborn, Stone Container Corporation, Johnson, Kemira Chemicals, BE & K, Bear Island, Union Camp, Champion International, and International Paper. The Tappi Chapter also sold T-shirts and mulligans to the participants which included students and industry Tappi members. The event included 18 holes of golf and lunch. Door prizes as well as prizes for 1st, 2nd, and 3rd place were presented. Over \$3000 was raised for the Nashville Tappi Conference. The students enjoyed an informative and fun-filled week in Nashville, which allowed students more exposure to new industry technology.



Student and Industry Tappi Members taking a break during the 1st annual N.C. State Tappi Golf Tournament. The proceeds were used to fund a trip to the National Tappi conference in Nashville, TN.



Shannon Bumgarner, Angie Hylton, Rommel Carswell, Terri Lail, Brad Lucas, and Amit Aggarwal at the National Tappi conference in Nashville, TN.

The weekend of January 17-19 1998, thirty students from N.C. State University's student Tappi/PIMA chapter traveled to Savannah, Georgia to participate in the 1st annual PIMA student summit hosted by Union Camp Corp. PIMA is the Paper Industry Management Association, and the summit was titled "Bridging the Gap Between Academia and the Real World." At the Summit N.C. State students were joined by students from PIMA chapters from universities such as Auburn, Miami of Ohio, Western Michigan, and the Institute of Paper Science & Technology in Atlanta, Ga. Together the students participated in panel discussions on such topics 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 Union Camp's facilities along with a tour of historic Savannah. The summit was a huge success and many look forward to returning next year.



N.C. State had the largest attendance at the 1st annual PIMA Student Summit held in Savannah, GA, January 17-19.

Forest Products Society

1997-1998 Officers:
Pat Sweitzer, President
Gregory Lee, Vice-President
Grady Fussell, Treasurer
Clint Boggs, Secretary
Kristie Gibson, CFR Council Rep.

The 1997 - 1998 school year brought many new challenges to the students in the Wood Products Program and the Forest Products Society. For the seniors in the program, interviews were the name of the game.

During the second half of the year, it seemed as if there were two interviews a week, all of them with companies offering opportunities for advancement. It became obvious to us that our choice of a career in Wood Products was a wise decision, especially when we talked to students in other fields of study at N.C. State.

For everyone else in the program, it was also a year of change. For the freshman entering the program, they were exposed to something that they did not know much about, but were beginning to enjoy. For the sophomores, a summer internship to look forward to. For the first time in their lives, a chance actually work in the field of their choice. And for the juniors, you could see the dreams of a bright future in their eyes as they listened to the descriptions of the jobs available to this years graduates.

This was a year of progression for the Forest Products Society also. We had approximately two meeting a month, which contained people from the industry speaking to us on subjects ranging from changes in the industry to employment opportunities to advise on what was helpful for them. The gentlemen who come and spook to us were outstanding and we would like to say, "Thank You."

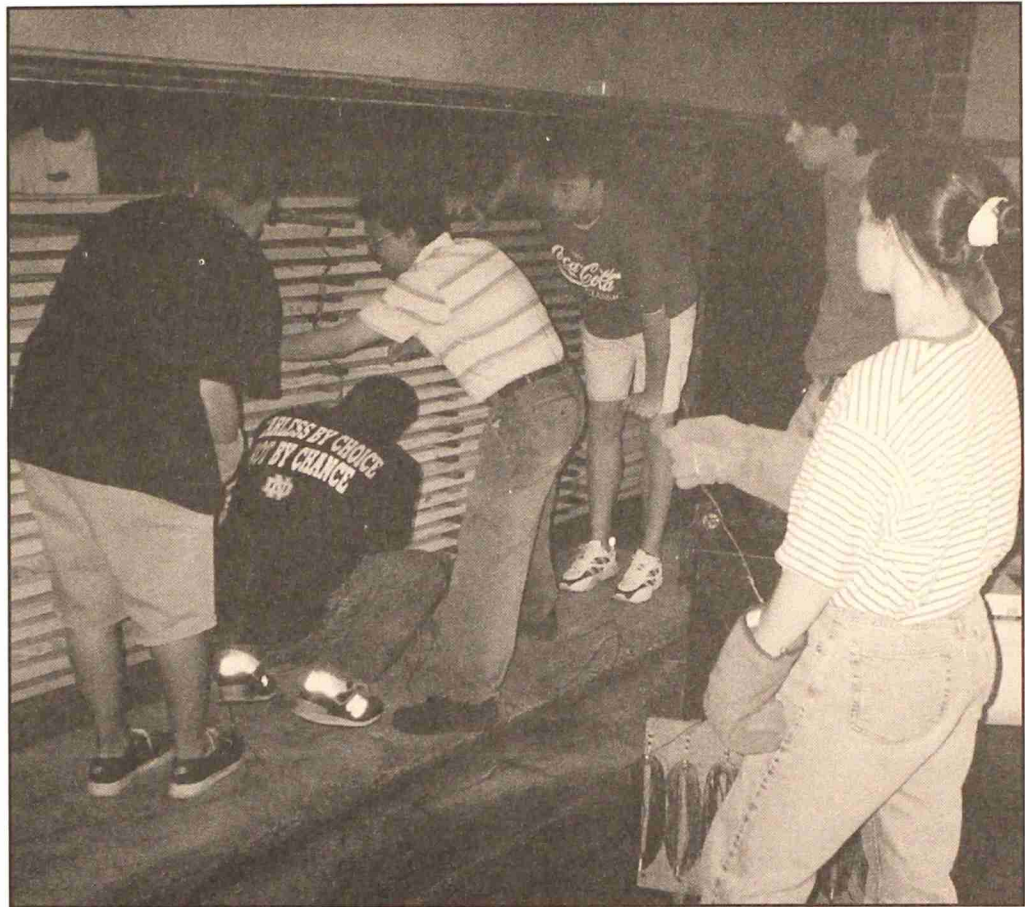
A few of our speakers included: Mr. Don Carter, Forest Products; Mr. Gary Young, Champion International; Dr. McGraw, Forestry Extension, NCSU; Mr. Jay Borrell, Jeld Wen; Mr. Pat Altham, Huntersville Hardwoods; Mr. Bernie Harberts, Weinig

The Wood Products Program has experienced an active year. There has been a new class added to the curriculum, "Principles of Wood Science." This class was created to help in the preparation of Wood Mechanics, a critical subject for the understanding the properties of wood. The Department of Wood and Paper Science and Technology and Hodges Laboratory received a generous donation of an Advanced CNC Router from Thermwood Corporation in Dale, IN, which will benefit everyone from faculty to future student to research.

President's Thoughts:

On a more personal note, we the students of this curriculum owe a debt of gratitude to our instructors. When I came to N.C. State, I wasn't sure what to expect. I came from a two-year community college, filled with the horror stories of 200 person classes and instructors that never knew your name. What I found was a group of dedicated individuals that were always willing to answer questions, and curious as to why I missed class. In my time at State, I was never turned away by an instructor. No matter how busy they were, they always had time to talk to their students. For this, and for putting up with me, the professors that work in the Wood Products Program and the Wood Products Extension have earned the respect and admiration of all the Wood Product's student and myself.

-Patrick J. Sweitzer



Pulp and Paper Curricula Class of 1998

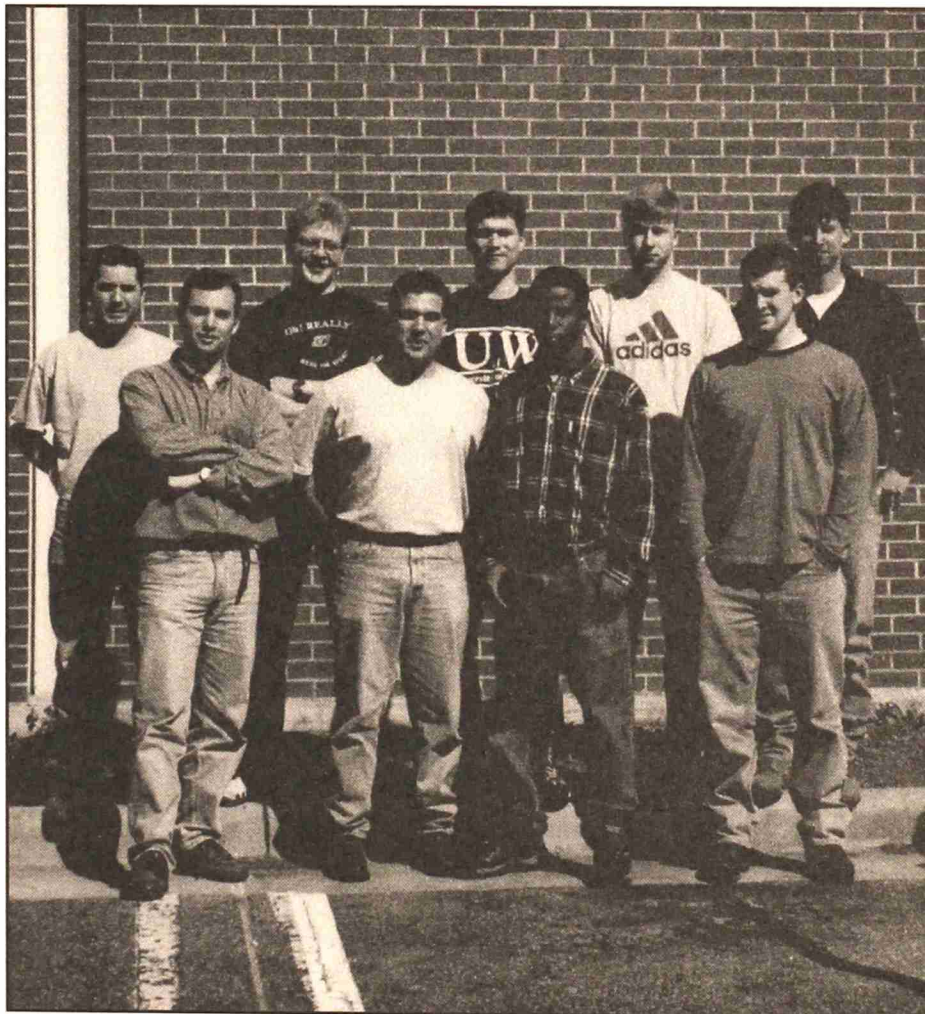
Amit Aggarwal
Kleist Tonise Bowman
Jacquelyn Denise Bright
Shannon Marie Bumgarner
Rommel Cruz Carswell
David Arthur Council
Samuel Brian Dunning
Lynette Dawn Griffin
Wesley Ray Griffin, Jr.
Michael Alan Halstead
Tamika DeShea Hayden

Angela Elizabeth Hylton
Kerri Gray Knight
Terri Dorinda Lail
Lilton Lanell Moore
William Murray Ponton
Manoj Satty Reddy
Joshua Carter Respass
Elfrey Scott Tedder
Sherri Tennille Vollmer
Michael Allen Will
Yen Chun Wu



Wood Products Seniors Class of 1998

Stephen M. LaFrance
Elvin Carl Parker
Eric Lee Wilkins
Pongpitak Wangdeethai



PINETUM STAFF PAGE

Dr. Gary Blank, Faculty Advisor

Ms. Kelley Duffield, Production

The College of Forest Resources Student Council approached the production of the PINETUM as a team project. Each club gathered photos and articles relevant to their organization, department and curriculum. The Department Heads and Dr. Carol Love, Associate Dean for Academic Affairs, provided articles and photos for their sections. Choosing the cover photo is always difficult because of the diversity of the vocations represented in the academic life of the college. However, all of the students on the council agreed that they have a deep appreciation for renewable natural resources. As is usually the case with a student/volunteer publication, the 63rd Edition has mistakes. Although the students proofed one another's work, something unwanted always slips through and other information is accidentally omitted. The Student Council wishes to apologize for these errors and hopes that PINETUM readers will understand.

