

## COLLEGE OF NATURAL RESOURCES

### ANNUAL REPORT, 2004-2005

#### 1. Changes in Service Environment

- Significant changes continue to permeate the industries and agencies that the College serves. These changes necessitate that we continue to examine our teaching, research and extension/outreach programs and adapt content and effort accordingly. Initiatives such as the Forest Biotechnology Consortium, the American Home, Forest Biomaterials Center and the creation of a Rural Tourism program serve as examples of efforts to adapt our research and extension programs to address the shifting expectations of the industries with which we regularly work. In a similar vein, our teaching programs are adapting to meet the needs of students, their prospective employers and shifting expectations of the citizens of North Carolina.

#### 2. Compact Plan: Major Initiatives

- Significant progress has been made during the past year toward accomplishing the 11 initiatives enumerated in the College's Compact Plan. This progress has been accomplished through the reallocation of existing resources, through the efforts and support of the Forestry Foundation, and through the resources allocated by the Provost during 2003 – 2004 Compact Planning cycle.

- Initiative 1. Green Infrastructure for Sustainable Communities

- a. Department of Forestry renamed to reflect broader interest and coverage—the new name is the Department of Forestry and Environmental Resources

- b. Funds obtained to hire a faculty member in urban forestry.
  - Initiative 2: Geo-Spatial Sciences
- a. An interim program director has been named.(Summer 2005)
- b. New undergraduate teaching strategies for GIS and related courses developed.
- c. Plan and establish Masters and doctoral programs in Geographic Information Sciences.
  - Initiative 3: Forest Biomaterials and Biotechnology
- a. Interim program director appointed.
- b. Plan for Masters and doctorate in forest biomaterials/ biotechnology.
  - Initiative 4: International Programming in Natural Resources
- a. Fund faculty position in international forestry.
- b. Part time international program coordinator named.
  - Initiative 5: Enhancing Forest Productivity
- a. Provide core leadership to the newly formed Southern Forest Research Partnership.
- b. Provide core funding for Nutrition, CAMCORE and Tree Improvement Cooperatives (“To Be the Best” initiative)
  - Initiative 6: Community for Diversity in Natural Resources
- a. Thomas Easley hired director of community diversity.
- b. New enrollment management director hired.
- c. Implement first scholarly/outreach – *National Diversity Summit Sept. 22-23, 2005*

- Initiative 7: Remaking the American Home
  - a. A formal collaborative faculty group has been established across colleges.
  - c. A housing specialist was hired.
- Initiative 8: Sport Management Major and Curricular Reform in Parks, Recreation and Tourism
  - a. Approval of a sport management degree is anticipated this fall.
  - b. Hiring of three faculty members in Sport Management is underway.
- Initiative 9: Sustainable Tourism Studies
  - a. Interim program directors appointed.
- Initiative 10: Natural LITRE-ship
  - a. Currently interviewing for new IT Director.
- Initiative 11: Restore and Enhance Performance in Application, Instruction and Research (REPAIR)
  - a. A new Hofmann Forest Management Plan has been implemented.
  - b. A “Great Place to Work” program, led by staff, to enhance staff job satisfaction has delivered the first report to the dean.

### **3. Diversity: Initiatives and Progress**

- Thomas Easley hired as Director of Diversity.
- Black History month celebrated with numerous events including a lecture by Dr. Marvin Burns titled “Living the Vision”.
- College celebrated Asian Pacific American Heritage month with food, music and dancing on May 25<sup>th</sup>.

- “Prayer, Plantation, Protection, Partnership: African American Contributions to Natural, Environment and Agricultural Related Fields” – a timeline display.
- Chancellor Leadership Award (CLA)- seven students in CNR received the CLA for 2005-2006 academic year.
- 2<sup>nd</sup> Annual Minority Visitation Day.
- CNR celebrated Asian Pacific American Heritage Month in May.
- Signed Memorandum of Agreement with Tuskegee University.

### **Instructional Program Advances**

- Plan MS and Ph.D. programs in Geographic Information Sciences.
- Planning has begun to develop a undergraduate option in urban forestry.
- Hire faculty member in ecology/conservation.
- Lead university effort to assess, revise and collaboratively managed existing environmental science degrees and anticipated environmental studies degrees.
- Develop new undergraduate teaching strategies for GIS.
- Plan MS and Ph.D. degree programs in forest biomaterials/biotechnology.
- Obtain final approval for the Sports Management degree.
- Completed Graduate School reviews of Fish and Wildlife Program and the Natural Resources Program.
- Successfully completed accreditation reviews of the Forestry Program and the Wood Products Program.
- Successfully completed the four-year review of the PGA/PGM Program.
- Both Paper Science & Engineering and Wood Products revised core course requirements for the professional MS programs.

#### **4. Research**

- Total project funding is currently \$19,990,760 with 117 active projects.
- Graduate Research Certificate program continues to be quite well received.
- USDA Special grant on “Wood Machining and Tooling” continues to be supported.
- Dr. Lucian Lucia received a \$2.8 million grant from DOE for “High Energy Efficient D-Glu Pulping” project.
- Department of Wood and Paper Science received “permission to plan” a Center for Forest Biomaterials and Biotechnology Research.
- A new consortium “Forest Biotechnology Research Consortium” was formed with broad national and international support.
- With the Solar House received a \$450,000 grant “Incentive System for Biomass Adoption” – USDA/DOE

#### **5. Extension**

- Received a USDA Forest Service Special Grant to add 5 new information specialist to CNR outreach efforts in forestry, rural tourism, and wood products areas.
- New Extension Associate in housing added – funded by the Forestry Foundation.
- Work continues with 32 eastern NC counties on development of the NC Coastal Birding Trail
- Sandhills Family Heritage Black Heritage Tourism Plan created.

- Twenty –two multi-county workshops held on NC Property Tax Present Use law – over 300 attended.

## **6. Faculty Honors and Recognition**

- Department of Forestry Professor Emeritus, Dr. Chuck Davey was named Fellow by the Society of American Foresters.
- Dr. Bohumil Kasal of the Wood and paper Science department selected for December 2004 Featured Expertise Profile by the Community of Science.
- Mr. Scott Payne – University Outstanding Extension Service Award and induction into the Academy of Outstanding Faculty Engaged in Extension.
- Dr. George Hess – CNR Outstanding Teacher Award and the Alumni Outstanding Teacher
- Dr. Beth Wilson – Board of Governors’ Award for Excellence in Teaching
- Dr. Robert Barton – 2004 Award for Excellence of the Southern Extension Forest Resource Specialists Group
- Mr. Rick Hamilton – 2004 Award for Excellence of the southern Extension Forest Resource Specialists Group
- Dr. Hasan Jameel – Wayne Carr Best Paper Award, Tappi, The Fiber Recycling Committee.
- Dr. Joseph Roise – Fulbright Scholar
- Dr. Frederick Cubbage – Fulbright Scholar
- Dr. Yu-Fai Leung - Elected to Sigma Iota Rho, International Studies Honor Society (NCSU Eta Chapter), 2004

- Dr. Richard Venditti, Wayne Carr Best Paper Award, Tappi, The Fiber Recycling Committee.

## **7. Students: Honors, Measures of Quality, and Student Activities**

- 21 Xi Sigma Pi Inductees
- 15 Phi Kappa Phi Inductees
- 5 Rho Phi Lambda Inductees
- Phi Beta Kappa – Lee Justin Holcomb
- 11 Undergraduate Research Symposium Participants
- **Undergraduate Research Symposium Winners** – Kelley Spence, Vesna Tosanovic
- **Undergraduate Research Fellowship** – Robert Moreto
- **IEEE Computer Society International Design Competition** – Ben Noffsinger
- **Academic Achievement Recognition at Freshmen Honors Convocation** – Jacarius Dantrell, Jose Manuel Furtado, Sheree Monique, Cassandra Nicole Williams
- **U. S. Forest Service Award** – Jonathan Tyler Eckard
- **University Scholars Program** – Christopher Duncan, Stacie Potter, Erin Shown
- **ACAAGS Academic Achievement Award - Kelly Jordan (Graduate)**
- **(Undergraduates) John Amanchukwu, Kenya Davis, Stefani Eddins, Crystal Jones, Jeremy Smith**
- **Alumni Association Graduate Fellowship** – Thomas Colson
- **Alumni Association International Fellowship** – Julio Rojas
- **Andrews Fellowship** – Kevin Potter

- **Arthur W. Cooper Graduate Fellowship** – Devona Bell
- **Forestry Faculty Fellowship for Excellence in Graduation Education** – Kevin Potter, Rebecca Vidra
- **Namkoong Family Graduate Fellowship** – Matthew Gocke, Milian Lstiburek, Rafael Rubilar
- **Preparing the Professoriate Fellowship** – Kevin Potter
- **Hofmann Forest Graduate Fellowship** – Jerusha Bloyer, Holly Bosley, Maurice Deaver, Jennifer Emerson, Kelly Jordan, Kevin Potter, Jason Riddle, Jonathan Shaw, Hermann Van Dyke, Xiaoquiang Xue, Jose Zerpa
- **Outstanding Teaching Assistants** – Elizabeth Lee, Sa Yong Lee, Justin Shedd
- **Academic Dean’s List** – 204 undergraduate students (Fall semester semester)

## **8. Fund Raising**

- Currently, the College is at \$6.4 million or 152% of this year’s goal.
- We are 62% of Capital Campaign goal of \$35 million.
- New initiative to create a research endowment for Christmas tree research is off to an excellent start with three new \$15k endowments.
- As of the end of 2004-05 CNR scholarship/fellowship funding was \$1.13 million

## **10. Administration:**

- Department head search for Wood and Paper Science is near completion. Anticipate naming the new head by mid-June 2005.