Welcome Back and State of the College

Mary C. Watzin, Dean | August 18, 2017
Welcome New College Faculty and Staff!
Dean’s Office

- **Shane Jarvis** – Assistant Dean, Finance and Business
- **John Grimes** – Senior HR Specialist
- **Tori Edmonson** – Accountant
- **Alex Loflin** – Student Recruiter
- **Meg Smigielska** – Pre-Award Accountant
Forestry & Environmental Resources

- **Mary Lou Addor** – Coordinator Sentinel Landscapes
- **Dominic Chirico** – Vehicle Pool and Field Equipment Supervisor
- **Shelley English** – Extension Support Specialist
- **Nichole Howe** – Advisor
- **Peter Lazaro** – Research Associate
- **Kimber Lunsford** – Assistant Director of Undergraduate Programs
- **Robert Scheller** – Professor, CFEP Cluster in Emerging Plant Diseases and Global Food Security
- **Morgan Schulte** – Research Associate
- **Louise Vaughn** – Extension Associate
Parks, Recreation & Tourism Management

- Dr. Kangjae (Jerry) Lee – Assistant Professor
- Elizabeth Mazak – Project Manager
- Gabriella Sinkovic – PGM Coordinator
Forest Biomaterials

• Alex White – SMT Program Coordinator

• Nathalie Lavoine – Assistant Professor (January)
Environmental First Year Program (ENVFY)

• Dr. Steph Jeffries – Director
• Nichole Howe – Advisor
Recruitments Underway

**College Staff**
- IT Director
- Business Officer
- Post-Award Accountant

**Faculty**
- Extension Forestry
- Extension Wood Products
- Molecular Genetics and Forest Health
- CFEP Global Change
- CFEP Global WaSH
Status and Health of CNR

- Incoming Class of Students
- Enrollment Trends
- Base Budget of the College
- Grant Funding and Trends
- Gift Funding
# Undergraduate Admissions

<table>
<thead>
<tr>
<th></th>
<th>First year*</th>
<th>Transfer</th>
<th>All Students*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrolled</td>
<td>252</td>
<td>91</td>
<td>1553</td>
</tr>
<tr>
<td>% Female</td>
<td>38%</td>
<td>34%</td>
<td>36%</td>
</tr>
<tr>
<td>% Non-white</td>
<td>10%</td>
<td>15%</td>
<td>12%</td>
</tr>
<tr>
<td>% Out-of-state</td>
<td>18%</td>
<td>&lt;1%</td>
<td>13%</td>
</tr>
<tr>
<td>% International</td>
<td>2%</td>
<td>0</td>
<td>1%</td>
</tr>
</tbody>
</table>

*Including EFY-PSE students

*Enrollment Data as of 8/17/17 (Official data will be available after Census Day)
Undergraduate Enrollment

*Enrollment Data as of 8/17/17 (Official data will be available after Census Day)
# Graduate Student Admissions

New in Fall 2017: 69 MS/MR; 22 PhD students

<table>
<thead>
<tr>
<th></th>
<th>MS/MR</th>
<th>PhD</th>
<th>All Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrolled</td>
<td>277</td>
<td>89</td>
<td>366</td>
</tr>
<tr>
<td>% Female</td>
<td>49%</td>
<td>45%</td>
<td>48%</td>
</tr>
<tr>
<td>% Non-white</td>
<td>10%</td>
<td>11%</td>
<td>10%</td>
</tr>
<tr>
<td>% Out-of-state &amp; International</td>
<td>30%</td>
<td>54%</td>
<td>36%</td>
</tr>
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</table>
Graduate Student Enrollments

*Enrollment Data as of 8/17/17 (Official data will be available after Census Day)
## CNR Budget – Expenditures FY17

<table>
<thead>
<tr>
<th>Fund Type</th>
<th>Dean</th>
<th>PRTM</th>
<th>FB</th>
<th>FER</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>State App. Academic</td>
<td>3,605,411</td>
<td>3,725,184</td>
<td>2,536,113</td>
<td>5,759,943</td>
<td>15,626,651</td>
</tr>
<tr>
<td>Agricultural Research</td>
<td>152,424</td>
<td>33,152</td>
<td>576,384</td>
<td>1,056,585</td>
<td>1,818,545</td>
</tr>
<tr>
<td>Cooperative Extension</td>
<td>12,846</td>
<td>137,891</td>
<td>398,807</td>
<td>893,225</td>
<td>1,442,769</td>
</tr>
<tr>
<td>McIntire-Stennis*</td>
<td>186,023</td>
<td>32,324</td>
<td>288,150</td>
<td>637,834</td>
<td>1,144,331</td>
</tr>
<tr>
<td>Contracts &amp; Grants</td>
<td>915,132</td>
<td>1,027,940</td>
<td>1,721,862</td>
<td>6,274,325</td>
<td>9,939,259</td>
</tr>
<tr>
<td>F&amp;A Receipts</td>
<td>246,742</td>
<td>111,617</td>
<td>101,136</td>
<td>199,134</td>
<td>658,628</td>
</tr>
<tr>
<td>NR Foundations**</td>
<td>877,085</td>
<td>156,252</td>
<td>1,608,280</td>
<td>519,127</td>
<td>3,160,744</td>
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<tr>
<td>Gifts/Income (Ledger 7)</td>
<td>194,489</td>
<td>8,829</td>
<td>378,561</td>
<td>1,647,812</td>
<td>2,229,691</td>
</tr>
<tr>
<td>Endowment Income</td>
<td>980,515</td>
<td>166,993</td>
<td>223,439</td>
<td>1,014,995</td>
<td>2,385,942</td>
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<tr>
<td>Other***</td>
<td>339,337</td>
<td>150,126</td>
<td>966,001</td>
<td>448,745</td>
<td>1,904,209</td>
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<tr>
<td><strong>Totals</strong></td>
<td>7,510,004</td>
<td>5,550,307</td>
<td>8,798,732</td>
<td>18,451,725</td>
<td>40,310,768</td>
</tr>
</tbody>
</table>

*Actual expenditures for Federal FY16

**Foundations expenditures do not include HF expenses or Timber Deed income

***Service Centers, fees, and other miscellaneous funds
College Budget Outlook

- State appropriated budget relatively stable, but funding model changing
- Legislatively Directed Salary Increases (SHRA and EHRA)
- Timber Deed Income stable this year
- Contracts and Grants, Philanthropy increasing!
College Sponsored Projects

- Submitted 174 new proposals, a total of $60 M, a substantial increase from $33.2 M last year.

- **Received** 227 awards, a total of $16.2 M, an increase from $10.9 M last year.

- College Portfolio:
  - 229 Active Projects (195 last year)
  - Total Value = $56 M ($43.7 M last year)
Sponsored Projects – Trends

Awards FY 07 - FY 17
Dr. Richard Venditti and colleagues in FB, FER and the College of Education were awarded a $2.75M USDA NIFA grant for teacher training to advance the bioeconomy.

Dr. Roland Kays received $1M from the NC Wildlife Resources Commission to conduct statewide citizen science camera trap surveys of mammal populations.
Drs. Carla Barbieri, Kathryn Stevenson and Whitney Knollenberg were awarded a $500K USDA NIFA grant focused on how agritourism influences middle school students and their parents’ decisions on local foods.

Dr. Jason Delborne and colleagues were awarded an NSF grant ($292K) for a case study of public perceptions of Genetically Modified American Chestnut.
Research Highlights

• **Dr. Kevin Potter** and collaborators received a $1M NSF grant to uncover the biological, geophysical and socioeconomic factors that lead to large-scale plant and insect invasions.

• **Drs. Josh Gray and Helena Mitasova** led a team awarded a $250K grant to guide the use of unmanned aerial systems for wetland detection & delineation from the NC Department of Transportation.
Innovation Highlights

- Patents issued: 2
- Patents filed: 3
- Invention Disclosures Filed: 23
- Commercialization agreements executed: 6
- Chancellor’s Innovation Fund:
  - Drs. Duarte Morais and John Bass (CSC) to develop two-way SMS communications technology to enable underserved populations to access web-based networks.
  - Dr. Dimitris Argyropoulus, and colleagues in Chemistry and Biological Sciences, to commercialize anti-infective nanofibrillated cellulose materials that are active against bacteria, viruses and fungi.
College Advancement Office

- Raised $3,221,814 – a 33% increase from the last fiscal year and a 16% increase from the three-year average.

- As part of the Think and Do the Extraordinary Campaign, the College has a $35M goal. As of June 30, we have raised 62% of our goal. The campaign ends in June 2021.

- Communications Successes: >125 national and international news articles featured College faculty, staff and students.
Extension Highlights

Program impact:

- Over 38,000 live and on demand webinar views, with participants from all 50 states earning over 8,300 contact hours for professional development. By training online, participants in webinars saved over $7.9 million dollars in 2016.

- Provided 12 educational workshops about NC Present Use Valuation program, serving 987 participants who could save > $100 million annually.

Sentinel Landscapes Partnership:

Continuing to build programs in 33 county designated area in eastern N.C.
Forest Assets

• Hofmann Forest Timber Deed fully implemented, EPA mandated water management completed, research increasing.

• Highest priority maintenance renovations on Camp Slocum at Hill Forest (~$55K) completed; working with NC State facilities to prepare a long-term maintenance plan.

• Updating management plans for other forest properties and working to achieve sustainable forest management certification (SFI).
Facilities Updates

• Renovated the Sustainable Materials and Technology office and collaboration spaces and the offices for the BioResources Journal (first floor Biltmore).

• Completed renovations in PRTM departmental offices and collaborative graduate student spaces.

• Currently renovating mailroom on 3rd floor Biltmore into offices for Forest Assets Team

• Dean’s teams on 2nd and 3rd floor Biltmore will be shifting spaces – Advancement, Research, HR. More to come. . . .
College IT Updates

• **2FA Deadline** - October 31, 2017.
  – Last training session Aug 28
  – Who will be first to complete – there will be a prize!

• **IT Group taking Facilities Responsibility for Biltmore** – more information coming soon, including new forms to route requests

• **ServiceNow** - exploring options for calendar, communications, research and onboarding

• **Internet Wiring Project** - green cables hanging from the ceiling. . .
New This Year in FER

Military Lands Sustainability Certificate
• Train professionals to manage natural resources on and around military bases to preserve natural resources and maintain military readiness

Environmental Assessment Master’s Program
• On-line Professional Degree program
• FER sole administrator (AE/CALS left)
• Significantly increases CNR graduate student numbers
• Broadening the scope to include military lands sustainability, wetlands, fire and renewable energy
New This Year in PRTM

Sport and Entertainment Venue Management Certificate

• One-year on-line accelerated program designed with industry experts to advance careers of professionals who manage stadiums, performing arts centers, amphitheaters or arenas.
New This Year in FB

Online MS program reboot

- Creating a modular professional masters program targeted at continuous education supporting the paper industry
- Hiring an on-line teaching technician
New in Geospatial Analytics

PhD in Geospatial Analytics

• Fully approved by UNC-GA this spring.
• Will launch Fall 2018
• Interdisciplinary data science degree program, bringing together faculty from FER, PRTM, and 6 other departments across the campus
Awards and Acknowledgements

• Dr. Ron Sederoff wins the 2017 Marcus Wallenberg Foundation Prize (often called the Nobel Prize in Forestry). Ron will be honored by the King and Queen of Sweden in October.

• Dr. Sunkyu Park named the E. J. "Woody" Rice Associate Professor in Paper Science and Engineering.
Awards and Acknowledgements

• **Dr. Bob Abt** was named the **Carl Alwin Schenck Professor** in Forestry.

• **Dr. Carla Barbieri** received the **Emerging Scholar Award** from the International Academy for the Study of Tourism. Receiving this award is the first step to being elected as a Fellow in the Academy.
Some Goals for the Year:

LISTENING, COMMUNICATION

• DoNuts with the Dean
  – 9/13 at 8:30am (Faculty)
  – 9/15 at 9:30am (Staff)

• Gabbing with the Grads
  – 9/21 at 2:30pm

• Undergraduate student listening sessions - TBA

• Internal monthly newsletter

• External Communication - Continuing Honest Broker work

• More to come . . .
Some Goals for the Year:

GRADUATE EDUCATION

- Social event for graduate students and faculty (fall)
- Graduate Student Research Day (spring)
- Comprehensive communication about our programs, our assistantships – to build our reputation
Some Goals for the Year:

DIVERSITY

- Cultural Competency and Inclusion training for faculty and staff
- **RACE: Are We So Different?**
  - Natural Science Museum week of 10/2/17
  - Admission is free, but tickets are required
  - Cultural conversations to follow, week of 10/9/17
- **Project SAFE training** – become a GLBT Ally, Sept. 13, 3:30-5pm.
Make Good Things Happen!