College of Agriculture & Life Sciences
Richard Linton, Dean of the College of Agriculture and Life Sciences
March 11, 2014

Strategically Moving Forward Towards “OUR ENVISIONED FUTURE”

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Goal Today and Forward

To build/enhance **STAKEHOLDER RELATIONSHIPS**
to grow the Agriculture and Life Science Capacity in NC

You are the heart and soul of why we exist!

In White: Who we want to impact
- Students and Stakeholders

In Red: What we will grow
- People, Programs, Partnerships

In Black: How we will behave
- Interdisciplinary, Integrated, Collaboration

Our Envisioned Future

- Information Phase
  - Dec 2012 - Feb. 2013
- Implementation Phase
  - Feb. – Mar. 2013
- Phase
  - Apr. – Jun. 2013
- Began July 2013

CALS Administrative Programmatic Support

Admin. Discovery Learning Engagement Advance.

Dr. Sylvia Blankenship
Dr. Steve Lommel
Dr. Sam Pardue
Dr. Joe Zublena
Keith Oakley
Stakeholder Relationships

Now is OUR Time….
Opportunities are Great in Agriculture and Life Sciences

Opportunity: AG/LS is STRONG/GROWING
Agriculture and agribusiness generate $77 billion or 17.5% of $440 billion annual gross state product
>700,000 jobs or (18.5%) of 3.8 million jobs
Up 6% in 2012-13…. in a difficult economic market

Opportunity: AG/LS Jobs are Growing in NC

NC Agricultural Diversity = Opportunity

*Total Source of Farm Cash Receipts = $11.7 billion
Source: NCDA&CS, 2013
Partnership + Capacity = Success

**CAPACITY**
- 18 Research Stations
- 10 Field Labs
- 244 Employees
- 476 Research Projects
- 148 Graduate Students

**OPPORTUNITY**
- Over 95 different commodities
- 586 bioscience companies
- Over 700,000 jobs
- Many climate and soil types

Our Challenges – Key Message

- Less state and federal $$ funding to support our land grant mission
- Less faculty and staff to support the land grant mission
- Less infrastructure (people, services, facilities)
- More diversity/challenges/opportunities for AG/LS in NC
- More needs from our growing stakeholder groups

*This is why it is CRITICAL that we work together!*

Examples of Strategic Initiatives we are Working on Right Now

To Grow our People, Programs, and Partnerships Everyday

Growing Our PEOPLE, PROGRAMS, PARTNERS

**CALS Dean’s Enrichment Grants Program**

I. Integrated and Interdisciplinary Grants:
   - 5 Core Strategic Themes
   - Cross College Collaborative Grants with CNR
   - Regional Collaborative Grants with Virginia Tech
   - Stakeholder Collaborative Matching Grants

II. Wynne Innovation Grants:
   - Academic/Research/Extension

III. Multi-user Equipment Grants

*We received 142 proposals!*

Growing Our PARTNERSHIPS

Director of North Carolina Corporate Partnership

**Purpose**
Work closely with NCARS, NCCES, and CALS Advancement to develop corporate partnerships among CALS faculty and corporations in North Carolina with an emphasis in the Research Triangle Park (RTP) → Rural farming communities.

Growing PEOPLE – External Stakeholders

*“Build and strengthen core management competencies of commercial agricultural managers to strengthen profitability and competitiveness of the Southeast’s diverse agriculture.”*

1-year (2 session + Practicum) Program

- STRENGTHEN managerial expertise
- EXPAND industry knowledge
- WIDEN peer engagement
- CREATE positive impact for the business
- ENHANCE leadership strength

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Growing PEOPLE – Our Students

Multiple Paths to a CALS 4-year Degree

- NC State College of Agriculture & Life Sciences
- Undergraduate Degree Programs
- Admitted as freshman
- Undergraduate Degree Programs
- Admitted as freshman
- Undergraduate Degree Programs
- Admitted as sophomore
- Undergraduate Degree Programs
- Admitted as junior
- Undergraduate Degree Programs
- Admitted as senior

BIG IDEA: Plant Sciences Initiative

What this makes sense to do...
- Builds on one of core strengths of CALS and NC
- Forms a competitive niche
- Brings together many disciplines
- Benefits by partnership with external stakeholders
- Provides a better student experience
- Helps to solve grand global challenges

Overall concept...
- Create a framework for interdisciplinary work
- Mechanism for academia, industry, and government to work together
- Provide world class, state-of-the-art facilities

Strategic Promotions to Get the Word Out

- AG Day at Carter Finley (Sep. 6, 2014)
- Stewards of the Future Forum (Nov. 18-19, 2014)
- North Carolina Biotechnology Center
- CALS Corner
- harvest.ncsu.edu/CALSCorner
- Twitter
- @CALS_Dean

Questions?

Locally Focused

- 5 Core Strategies
  - Plant/Animal production
  - Environmental sustainability
  - Food safety/nutrition
  - Contributing family-based programs
  - Leadership programs
Thinking Regionally

Regional Collaborations
- VA Tech
- Clemson
- University of GA

"Issue-Based: Agriculture & Life Sciences"

“BIG IDEAS”

Processing of BIG IDEAS

What are the next ideas that...
• bring together many departments/units/disciplines within CALS and have a foundation of interdisciplinary collaboration;
• greatly strengthen collaboration with other colleges at NCSU;
• effectively integrate the missions of research/teaching/outreach/international programs;
• benefit by the interaction and partnership with external stakeholders;
• build on current strengths of the college;
• provide a better experience/opportunities for our students;
• create a competitive niche for NC State where external funding is and will be available;
• are innovative/provide leadership in moving our science/scholarly presence forward;
• help to solve grand global challenges;
• will have “leadership champions” in our college.

Plant Sciences Bring us Together

Plant Science Themes
- Plant Breeding Program
- Plant Stress (Kenan)
- AMPLIFY
- Alternative Animal Feed
- Bio-energy
- Ecology/Water/Sustainability
- Nutrition/Disease Prevention

Improving Communications Survey (n=31)

Survey Results Continued...

CALS Suggested Next Steps:
• Re-establish annual commodity group meeting
• Provide other meeting mechanisms to provide updated information to stakeholders (AG day, annual emerging issues program)
• Ensure access to Perspectives, CALS E-news Letter, CALS Corner and provide alerts to updated college events (harvest.cals.ncsu.edu/calendar)
• Tim Monaco will continue to share relevant announcements with the Commodity Leaders