



A SUMMARY OF FY 2017 RESEARCH AND ECONOMIC DEVELOPMENT METRICS

Dr. Barry L. Burks

Vice Chancellor for Research and Economic Development

28 April 2017

Board of Trustee Committee Meeting

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Preeminence 2020 Research and Development Goals

2010 Baseline		2020 Goals
\$60.14M	Contracts and Grants Awards	\$85M
1	New US Patents and Licenses Per Year	14
\$1.7K	Royalties Per Year	\$250K

- Actual FY2015 Performance
 - » \$53.2M contracts and grants awards
 - » 0 new US patents, 2 new licenses executed
 - » \$33.5K received in royalties and patent reimbursement
- Actual FY2016 Performance
 - » \$60.2M contracts and grants awards
 - » 6 new US patents, 1 CA patent, 0 new license executed
 - » \$24K received in royalties and patent reimbursement

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NORTH CAROLINA AGRICULTURAL
AND TECHNICAL STATE UNIVERSITY

Progress to Date in FY 2017

- More than \$55M in sponsored research
- Two new U.S. patents issued thus far, one U.S. patent will issue May 2017
- Project more than \$100K in licensing revenues
- Three new licensing agreements executed, several licensing agreements in negotiation

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NORTH CAROLINA AGRICULTURAL
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Sponsored Funding

Total Awards by Fiscal Year, 2001 – 2016

Since 2005 N.C. A&T has ranked third in UNC System (dollar figures in millions)



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Proposals and Awards by Colleges (FY 2017*)

	# Proposals	\$ Proposals	# Awards	\$ Awards
College of Agriculture and Environmental Sciences	45	\$25,861,477.46	30	\$20,461,792.53
College of Engineering	94	\$38,892,891.74	82	\$12,335,565.00
Division of Academic Affairs	4	\$1,524,166.20	8	\$10,375,620.00
Division of Business and Finance	1	\$50,000.00	1	\$50,000.00
College of Arts, Humanities and Social Sciences	5	\$2,789,374.60	1	\$2,500.00
College of Education	12	\$12,976,948.96	7	\$1,545,547.00
Division of Student Affairs	7	\$7,584,464.72	8	\$1,702,346.00
The Graduate College			1	\$92,000.00
College of Business and Economics	15	\$2,685,790.90	10	\$1,768,876.00
Division of Research and Economic Development	10	\$1,072,764.65	14	\$450,323.65
College of Health and Human Sciences	12	\$295,243.43	7	\$290,493.79
College of Science and Technology	50	\$42,785,336.39	31	\$5,114,673.00
Joint School of Nanoscience and Nano Engineering	17	\$7,265,111.92	8	\$853,972.00
GRAND TOTAL	272	\$143,783,570.97	208	\$55,043,708.97

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(FY 2017 Numbers are Through 4/14/17*)

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Distribution by New Colleges, Academic Reorganization (FY 2016-2017*)

(FY 2017 Numbers are Through 4/14/17*)

Unit	FY 2016	FY 2017*
College of Agriculture & Environmental Sciences	\$21,723,534	\$20,461,792
College of Engineering	\$15,615,842	\$12,335,565
Division of Academic Affairs	\$11,809,248	\$10,375,620
College of Arts, Humanities & Social Sciences	\$5,000	\$2,500
College of Education	\$1,728,180	\$1,545,547
Joint School of Nanoscience & Nanoengineering	\$1,517,583	\$853,972
College of Science & Technology	\$5,335,087	\$5,114,673
Division of Student Affairs	\$419,009	\$1,702,346
College of Business & Economics	\$938,708	\$1,768,876
College of Health & Human Sciences	\$290,215	\$290,493
Division of Research and Economic Dev.	\$742,292	\$450,323
Graduate College	\$103,500	\$92,000
GRAND TOTAL	\$60,228,198	\$55,043,708

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Sponsored Funding by Agency

(FY 2017 Numbers are Through 3/31/17*)

	FY 2014	FY 2015	FY 2016	FY 2017
US Department of Agriculture	\$19,186,741.00	\$17,230,451.00	\$20,361,101.68	\$2,747,453.30
National Science Foundation	\$7,845,998.00	\$7,211,030.00	\$18,391,168.00	\$9,415,551.00
US Department of Education	\$12,402,977.00	\$9,079,417.00	\$9,961,922.00	\$12,934,935.00
Department of Defense	\$1,960,134.00	\$6,294,617.25	\$4,621,279.24	\$3,111,758.00
NASA	\$1,067,211.38	\$16,668.38	\$505,636.15	\$141,199.00
US Department of Energy	\$519,600.00	\$2,799,642.00	\$767,222.75	\$300,000.00
US DHHS - NIH	\$2,836,514.00	\$2,144,733.00	\$2,151,839.00	\$136,976.00
UNC Schools	\$783,319.00	\$923,945.00	\$68,000.00	\$674,544.00
Other Federal	\$105,240.00	\$120,050.00	\$954,412.00	\$3,494,127.00
Associations	\$128,861.00	\$142,779.00	\$366,382.00	\$116,579.00
Business and Industry	\$1,019,858.25	\$731,793.12	\$296,248.48	\$1,016,717.99
Educational Institutions	\$3,624,938.70	\$3,538,078.53	\$74,220.44	\$2,414,549.97
Foundations	\$621,697.58	\$1,524,667.00	\$941,787.00	\$499,156.79
Local Government	\$47,000.00	\$62,992.50	\$21,000.00	\$60,000.00
Nonprofit and Other Organizations	\$51,295.00	\$111,043.45	\$117,361.06	\$47,598.00
NC State Government	\$549,731.65	\$1,180,305.00	\$628,618.00	\$1,290,588.92
GRAND TOTAL	\$52,751,116.56	\$53,208,106.00	\$60,228,197.80	\$38,486,476.97

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Thank You!

Division of Research and Economic Development

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