

North Carolina A&T State University

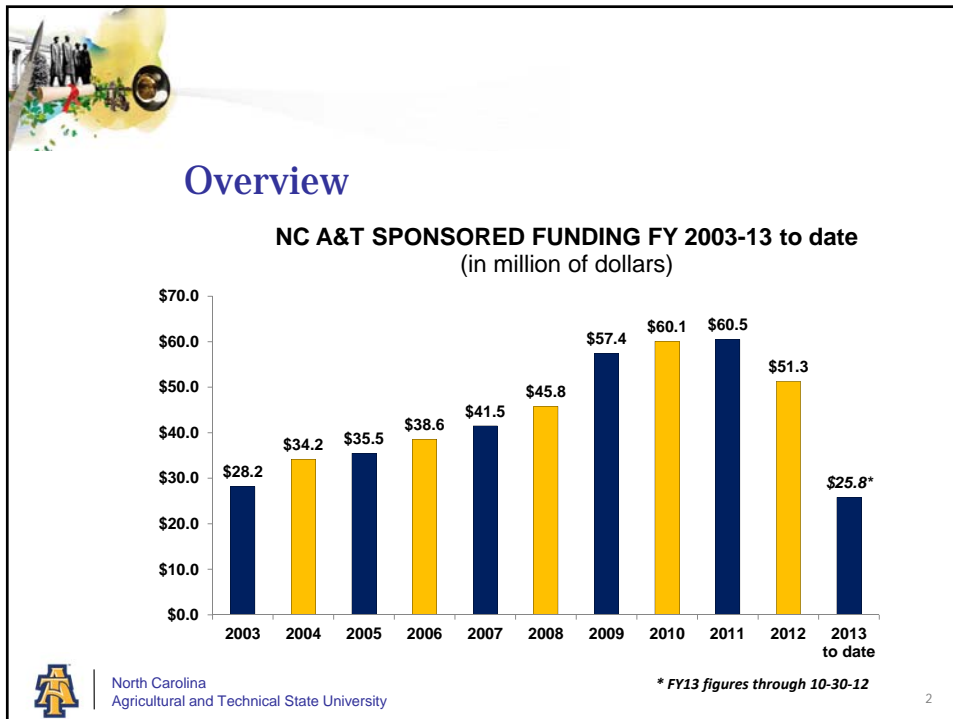
Board of Trustees
Academic Affairs Committee


Sponsored Funding, FY 2013 to Date
Friday, November 16, 2012
8:00 – 10:00 a.m.

Dr. Barry Burks
Vice Chancellor for Research and Economics Development



North Carolina Agricultural and Technical State University
Explore. Discover. Become.






Awards, listed by academic unit

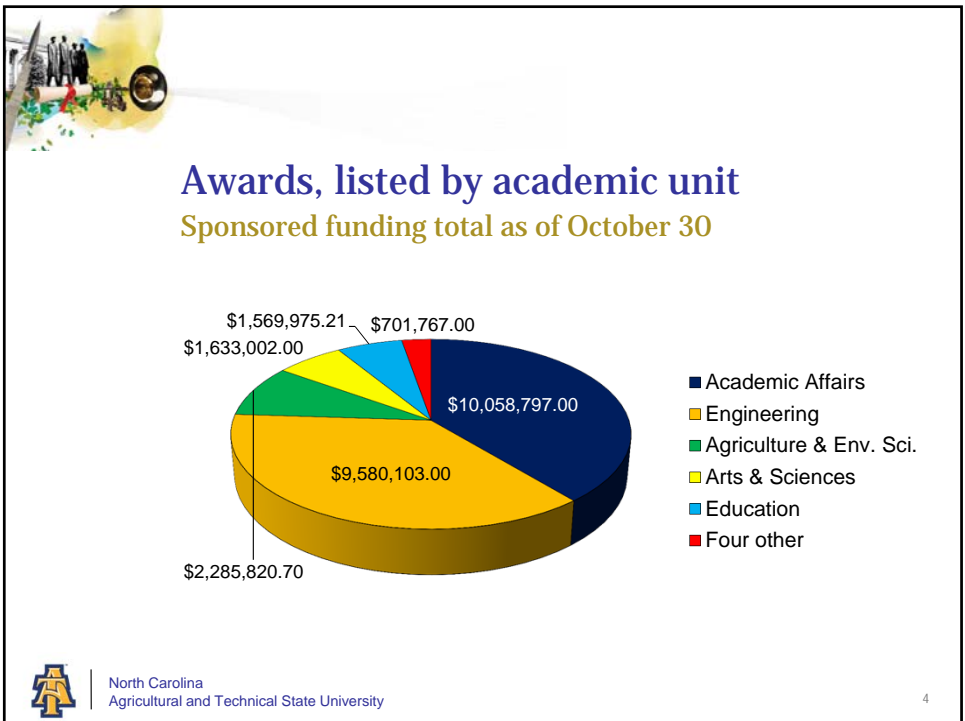
Sponsored funding total as of October 30

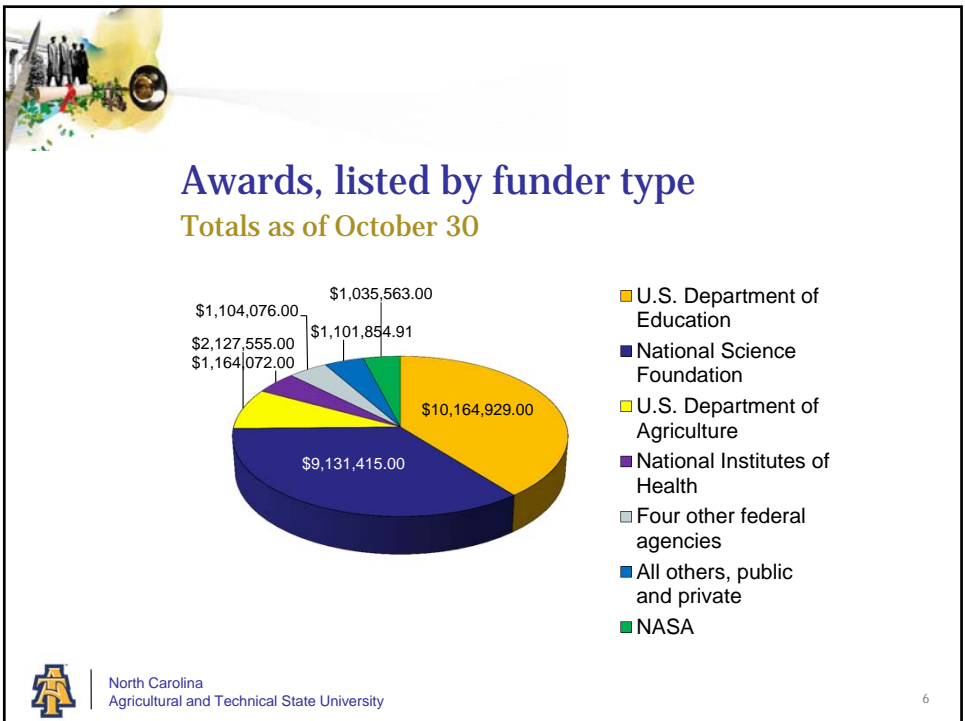
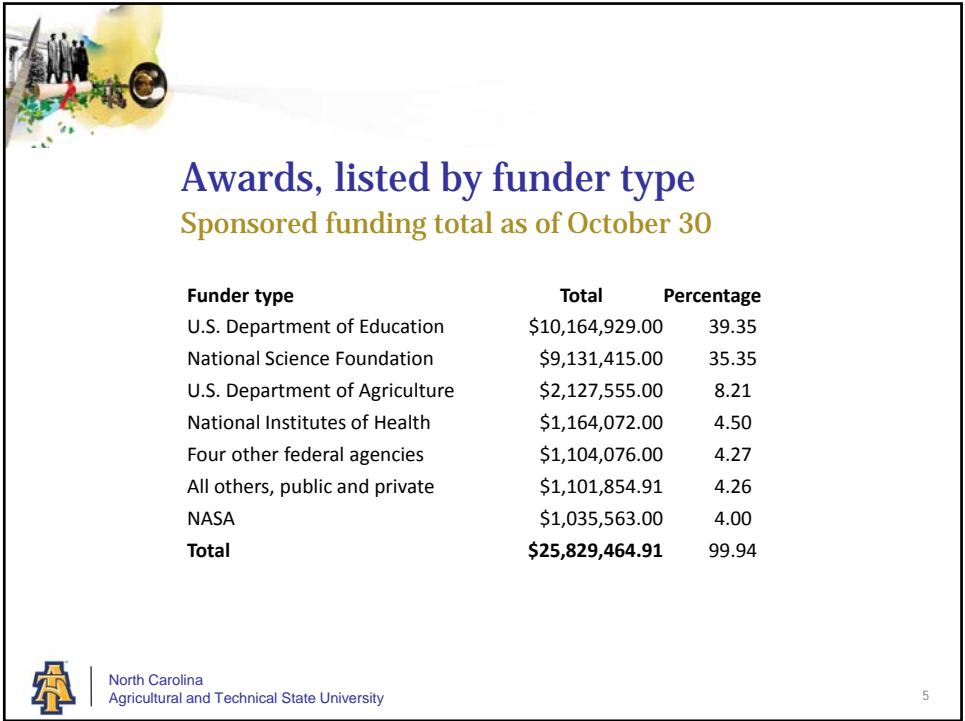
Unit	Total	Awards	Average	Rank
Academic Affairs	\$10,058,797.00	6	\$1,676,466.10	1
Engineering	\$9,580,103.00	31	\$309,035.58	2
Agriculture & Env. Sci.	\$2,285,820.70	20	\$114,291.03	6
Arts & Sciences	\$1,633,002.00	7	\$233,286.00	4
Education	\$1,569,975.21	9	\$174,441.68	5
Student Affairs	\$281,509.00	1	\$281,509.00	3
Technology	\$272,932.00	4	\$68,233.00	7
Business & Economics	\$122,326.00	5	\$24,465.20	9
Nursing	\$25,000.00	1	\$25,000.00	8
Total	\$25,829,464.91	84	\$307,493.61	




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Proposals, listed by unit and funder

Totals as of October 30


Unit	Total	Number	Funder	Total	Number
Engineering	\$21,149,508.01	64	U.S. Department of Defense	\$40,408,785.71	49
Arts & Sciences	\$12,277,046.70	23	National Science Foundation	\$16,235,426.30	32
Education	\$12,273,085.21	5	U.S. Department of Education	\$3,904,573.85	4
Business & Economics	\$9,637,593.26	8	U.S. Department of Agriculture	\$1,678,152.88	10
Academic Affairs	\$3,155,200.25	4	State Government	\$778,134.73	5
JSNN	\$2,536,251.90	5	Educational Institutions	\$625,500.00	6
Agriculture & Env. Sci.	\$1,393,311.00	9	National Institutes of Health	\$515,092.95	3
Student Affairs	\$1,262,500.60	3	Nonprofit Organizations	\$364,093.99	4
DORED	\$732,161.00	5	UNC Schools	\$303,224.44	9
Technology	\$556,055.11	4	Associations	\$100,000.00	5
Graduate Studies	\$40,550.00	2	Local Government	\$68,529.34	1
Nursing	\$25,000.00	1	Business & Industry	\$26,400.85	1
Total	\$65,038,263.04	133	Other Federal	\$10,350.00	1
			NASA	\$10,000.00	1
			Foundations	\$9,998.00	1
			U.S. Department of Energy	\$0.00*	1
			Total	\$65,038,263.04	133

* Letter of intent



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Major new research grants


FY2013 to date

Project	Amount	PI	Unit	Funder
Case Studies in the Sciences Enrichment Laboratories Program	\$104,614	Stephanie Luster Teasley	Engineering	Burroughs Wellcome Fund
Meprins in ischemia reperfusion induced renal injury	\$103,902	Elimelda Onger	Arts & Sciences	National Institute of General Medical Sciences
Building Capacity to Control Viral Foodborne Disease: A Translational, Multidisciplinary Approach	\$100,000	Leonard Williams	Center for Excellence in Post-Harvest Technologies	N.C. State University
Econometric estimation of discrete choice models with aggregate data: an application to the adoption of conservation tillage	\$100,000	Lyubov Kurkalova	Business & Economics	USDA Economic Research Service
Project Fire: Fostering Inclusive Responsive Educators	\$100,000	Cathy Kea	Education	U. S. Department of Education



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Major continuing research grants


FY2013 to date

Project	Amount	PI	Unit	Funder
Revolutionizing Metallic Biomaterials	\$3,999,000	Jagannathan Sankar	Engineering	National Science Foundation
MRI: Acquisition of Integrated Research Instrument for Large Animal Testing Investigation	\$1,112,786	Jagannathan Sankar	Engineering	National Science Foundation
Collaborative Project: Carolina Cyber Defense Scholarship	\$835,514	Huiming Yu	Engineering	National Science Foundation
Child Response Initiative	\$749,905	Kelly Graves	Education	Office of Justice Programs
Center for Aviation Safety (CAS)	\$667,853	Kunigal Shivakumar	Engineering	NASA



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Summary

Key points on our prospects for FY13

- FY12 shortfall in sponsored funding was caused by two large programs totaling \$8.5M not being renewed.
- FY13 is starting strongly: 84 awards, \$25.82 million as of October 30.
- The looming sequestration of federal funding will negatively impact research funding availability.
- DORED is responding by focusing on:
 - » National priorities that will be less impacted by sequestration: defense, national security, and intelligence.
 - » Private sector funding.
- Long-term emphasis on tech transfer and economic development are producing results.
 - » Two patents have been received in FY13, the first for A&T since 2008.



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