

I. *Brief Overview of Department/Program(s) or Unit (2003-2004)*

The Division of Research & Economic Development (DORED) administers and manages research and sponsored programs as well as technology transfer and commercialization for the University. Headed by the Vice Chancellor for Research & Economic Development, the division is made up of the Vice Chancellor's management team, the Office of Sponsored Programs, the Office of Technology Transfer and Outreach, the Office of Compliance and the Office of Research Services. The Division coordinates interdisciplinary funding opportunities among the University's colleges and schools and assists in transforming research into marketable economic opportunities.

II. *Strategic Plan [This should be the current strategic plan for the department where the program(s) being assessed and evaluated reside(s) or the unit].*

A. *Vision*

The DORED's vision is to see North Carolina A&T State University recognized as a premier, mainstream research institution through enhanced faculty participation and superior quality of research and to transition and transform more of our research for economic development—new products and jobs

B. *Goals/Objectives*

Goal One: Design and implement a reward system for faculty doing research

Objective: Increase the number of awards given to faculty doing research

Outcome: The Division of Research & Economic Development will sponsor 17 researcher awards this Spring-- up from only two in previous years. The Senior Researcher of the Year and Outstanding Young Investigator awards will be given out at the University Level and also on the college/school level. A new award—Rookie of the Year was added to recognize exemplary research from a new faculty member in his/her second year at the University.

Goal Two: Improve interdisciplinary teamwork in all areas

Objective: Develop 10 or less core research focus areas that will involve interdisciplinary work among faculty.

Outcome: The Research Council and Council of Associate/Assistant Deans assisted in the strategizing of eight core research clusters which cross disciplines. Those areas are: Public Health; Biotechnology, Bio and Food Sciences; Advanced Materials & Nanotechnology; Computational Science & Engineering; Leadership & Community Development; Information Sciences & Technology; Transportation & Logistics; and Energy & Environment. The leads of each area developed white papers which are now open to feedback from other faculty members whose research ties into the cluster area.

Goal Three: Increase the percentage of faculty participating in research and writing proposals

Objective: Increase the number of proposals submitted to funding agencies by 3%.

Outcome: As of February 2005, 252 proposals had been submitted to funding agencies for a total of \$137,189,331 as compared to 143 proposals submitted in February 2004 for a total of \$88,153,039. This represents a 7% increase in proposals submitted and a 64% increase in the dollar amount of the proposals.

Goal Four: Increase the visibility of A&T's research efforts to funding agencies

Objective: Increase the number of visitors from funding agencies and businesses to the campus

Outcome: As of February 2005, DORED has hosted visitors from the Department of Defense, National Science Foundation, Lockheed Martin, the Army Research Laboratory, Ford Motor Company, General Motors, Army Research Office, Clarkson Aerospace, the Governor's office and the North Carolina Science and Technology Board. The visits have resulted in increased collaborations between A&T faculty and the agencies.

- Goal Five:** Expand intellectual property portfolio.
- Objective:** Increase number of invention disclosures by 5%.
- Outcome:** As of February 2005, invention disclosures, patent applications, and patents issues have all tripled. Currently the numbers stand at 11 invention disclosures, 10 patent applications and 13 patents issued.