

IHE Bachelor Performance Report

NC A&T University

2012 - 2013

Overview of the Institution

North Carolina Agricultural and Technical State University's (NC A&T SU) 2011 - 2012 total enrollment was 10,881. This included 9,206 undergraduate students of which 86% are people of color. NC A&T SU is a public, research intensive, 1890 land-grant institution committed to exemplary teaching and learning, scholarly and creative research, and effective engagement/public service. Our unique legacy and educational philosophy provide students with a broad range of experiences that foster transformation and leadership for a dynamic and global society. NC A&T SU is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate, master's, and doctorate degrees through its eight academic units: College of Arts and Sciences, College of Engineering, School of Agriculture and Environmental Sciences, School of Business and Economics, School of Education, School of Nursing, School of Technology, and School of Graduate Studies. The synthesis of teaching and research is fundamental to NC A&T SU. The Division of Research and Economic Development (DORED) oversees a variety of basic and applied research programs that are effectively integrated with undergraduate and graduate education. Capacity for maintenance of this research is supported through eight interdisciplinary centers and institutes as well as specialized research laboratories and external partnerships. NC A&T SU is ranked third in the UNC system with respect to funded research. School of Education's enrollment is 1,322.

Special Characteristics

With the demand for a teaching force that reflects the diversity of our society, NC A&T SU seeks to provide opportunities for large numbers of students from diverse backgrounds to become qualified teachers. Since 2004, the School of Education (SOE) has engaged in collaborative activities that focus on at-risk male students in high school. In addition, opportunities are provided for high achieving high school students to complete their senior year and earn college credits through early college programs. Of significant importance are the special programs to attract underrepresented populations to teach science, mathematics, technology, and special education. The teacher education program at NC A&T SU is supported by special initiatives that focus on recruitment and college preparation, including the NASA Summer High School Apprenticeship Research Program, ISET-NOAA Educational Partnership Program Cooperative Science Center, NSF Engineering Research Center Educational Outreach Program, Upward Bound, and McNair Summer Scholars Program.

Program Areas and Levels Offered

NC A&T SU offers 20 initial and 20 advanced licensure programs in 27 different areas: Birth through Kindergarten (A,M), Elementary Education (A,M), Secondary English (A,M), Secondary Mathematics (A,M), Secondary Biology (A,M), Secondary Chemistry (A,M), Secondary Physics (A), Secondary Social Studies (A,M), Reading (M), Art (A), Music (A), Physical Education (A, M), Spanish (A), Exceptional Children General Curriculum (A,M), CTE Agricultural (A,M), CTE Family and Consumer Sciences (A, M), CTE Industrial Cooperative Training (A,M), CTE Technology Education (A,M), CTE Trade Preparatory Programs (A,M), CTE Business Education (A,M), CTE Workforce Development Director (add-on), School Administrator (M), School Counselor (M,S), School Social Worker (A,M,S), Media Coordinator (M), and CTE Instructional Technology Specialist (M).

I. SCHOOL/COLLEGE/DEPARTMENT OF EDUCATION (SCDE) INITIATIVES

A. Direct and Ongoing Involvement with/and Service to the Public Schools

LEAs/Schools with whom the Institution Has Formal Collaborative Plans	Priorities Identified in Collaboration with LEAs/Schools	Activities and/or Programs Implemented to Address the Priorities	Start and End Dates	Number of Participants	Summary of the Outcome of the Activities and/or Programs
		Science fair	1/26/2012	30 students 60 parents 4 teachers	Judged at the Piedmont Science Fair at the end of January.
Winston Salem/Forsyth County Schools - Jefferson Middle School		Mentoring Middle School Science/Math Teacher	05/01/2012 05/31/2012	25 students 1 teacher	Taught 6th grade for about an hour. Mentor the teacher for science and math curriculum of 6th grade.
Guilford County Schools - Grimsley Senior High School	Literacy, Math and Science, Teacher Leadership, Student Development	PTSA Board	05/01/2011 06/30/2013	1400 students 2000 parents 65 teachers 15 school professionals 6 administrators	Served as Recording Secretary for Grimsley Senior High School August 2012 – present.
Guilford County Schools - Hampton Elementary School	Literacy	Reading Volunteer	02/05/2013 04/23/2013	8 students 1 teacher	Read with 2nd grade students to improve their reading skills.
Guilford County Schools - Florence		Volunteering in a classroom	12/19/2012	19 students	

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Elementary					
All schools within Guilford County School District who participated in science fair competition	Math and Science	Science Fair Judge	01/09/2013	150 students 20 parents	Participated in Guilford County School Science Fair as a judge for the elementary participants from the district.
Guilford County Schools-Hairston Middle School	Math and Science, Teacher Leadership	Teacher Mentor	06/22/2012 08/03/2012	1 teacher	Assisted middle grade teacher through Research Experience for Teacher's (RET) Program.
Many from Eastern NC	Math and Science	Lab Tour Director	06/21/12	50 teachers 3 administrators	Eastern NC STEM educators visited campus and a tour of research facilities of the ERC-RMB was presented.
Guilford County Schools - Lincoln Academy	Math and Science, Student Development	Career Day Participant	11/30/12	200 students 5 parents 2 school professionals	Presented my experience as a research scientist at a table as 4th-8th graders toured the various options.
Various	Math and Science	Research Lab Tour	07/16/12	25 students 5 teachers	Gave tour of ERC-RMB research facility to rising 9th graders interested in STEM discipline.
North Davidson High School, Academy at Lincoln, Greensboro Day, C. E. Jordan High School, Hanes Magnet Middle School, East Chapel Hill High, Chapel	Math and Science	30th Annual Middle and High School Math Contest Hosted By The NC A&T STATE UNIVERSITY Math Dept, Coordinated by Dr. Bampia Bangura	03/28/2013	125 students 12 teachers	The NC Middle and High School Contest is an activity sponsored by the North Carolina Council of Teachers of Mathematics. On an annual basis we conduct the contest in two areas, Geometry and Algebra II.

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Hill High, Williams Ellis Middle School, North Davie Middle School.					
Guilford County Schools - Brooks Global Studies Magnet School Hampton A&T Partnership Magnet School	Literacy	Reading to Children	10/24/2012 03/27/2013	50 students 3 teachers	Volunteered to read stories to children at two GCS locations, Brooks Global Studies Magnet School and Hampton A&T Partnership Magnet School.
Guilford County Schools - Early/Middle College at GTCC Greensboro		Performing Arts Club Adviser	08/17/2012 03/22/2013	20 students 3 teachers 1 administrator	As co-advisor for the Performing Arts Club at Early/Middle College at GTCC-Greensboro, I helped prepare the students for their annual spring production. Among my duties, I wrote the script, directed rehearsals, and created promotional flyers.
All technology education programs in the state participating in the state conference.		Technology Student Association	03/17/2013	120 students 20 teachers	Coordinator for problem solving contest for middle school and high school students.
Have been and continue to serve on the board for Triad Science Academy		Technology Student Association	03/18/2013	1500 students 100 teachers	Served Board of Trustees.
Statewide		Curriculum Writing	12/14/12 7/25/13	200 teachers	Lead the writing and a team of teachers in the writing of Introduction to Trade and Industrial

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					Education.
Statewide	Math and Science	Wrote "Any Excuse for Math"	06/15/2012 07/25/2012	150 teachers	Wrote curriculum supplement materials for NC DPI's Trade and Industrial Education section for teachers statewide and trained teachers at summer conference.
Guilford County Schools -Northern Guilford High School	Student Development	Career Fair	02/20/2013	100 students	Presented at the Northern Guilford High School Career Fair
Guilford County Schools - Grimsley High School		Fundraising coordinator for FRC/FTC team	08/01/12 07/31/13	35 students	Served as fundraising coordinator to Team Prion (Grimsley High School Robotics team). Submitted applications to seek grant from several Companies and raised \$15000 in cash and approximately \$5000 for in-kind grant.
Rankin Elementary	Rankin needs books to augment its classroom and library collections.	The African American Latino Unity Symposium committee with the financial assistance of SUAB will contribute \$500 worth of books to Rankin	Spring 2011	650 students	This project has not been carried out yet. Awaiting the final word from Nichole Florence of SUAB; funded is expected shortly.
Guilford County Schools - Academy at Lincoln	Math and Science	Volunteer to teach Math to 4th Grades	09/01/2012 05/30/2013	26 students	Taught Math to 4th graders at Academy at Lincoln-Gifted program for one hour every other

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					week.
Guilford County Schools - Aycock Middle School	Student Development	Proctor for EOG testing	05/16/2012 05/17/2012	30 students 1 teacher	Partnership and support. Information & earth science dissemination are outcome.
Guilford County Schools - Lincoln Middle School	Math and Science	Weather and Climate talk	11/30/12	25 students 12 parents 3 teachers 1 school professional	Discussed Earth science with high-achieving students.
Guilford County Schools - The Academy at Lincoln	Math and Science	Coaching Elementary Science Olympiad Team	10/01/2012 04/06/2013	32 students 25 parents 1 teacher	The Elementary Science Olympiad Team at the Academy at Lincoln met every week to prepare for competition on 18 different science activities. The Team visited NCA&T laser lab and Physics Lab for hands on activity.
All schools within GCS		Judging the Science Fair	01/09/2013		Served as a Judge for Guilford County School Science Fair.
Guilford County Schools - Dudley High School	Student Development	Senior Project	05/12/2012 05/18/2012	6 students	Served as mentor and critiqued senior students' final presentations. Offered advise and suggestions on their presentations as needed; As well as outward appearance.
Guilford County Schools - Hampton Elementary Magnet School	Parental Involvement	Chair, Hampton Elementary-NCA&T Partnership	08/09/2012 05/13/2013	50+ students 100+ parents	Chaired the Hampton-NCA&T Partnership Community Engagement Committee. Recruited University and

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		Community Engagement Committee			community committee members to work with school staff and develop projects to support parental involvement at Hampton.
40 Agricultural Education Teachers - 40 Different Schools	Professional In-Service Content Skills Training	Agricultural Mechanics Technology In-Service Teacher	7/15/2012	40 teachers	The workshop provided up-to-date skills training for Agricultural Educators with respect to Agricultural Mechanics Technology.
Chewning Middle Lucas Middle Camden Middle Rolesville Middle Spring Creek Middle McGees Middle Dillard Middle West Lee San Lee Uwharie Mac Williams Northwest Cabarrus N. L. Dillard Camden Spring Creek	Math and Science	NC FFA Middle Grades Rally	3/8/13	130 students 15 teachers	This event serves as the state level FFA competition for middle grade Agricultural Education Students. Career development events (contests) took place in the areas of Biotechnology, Public Speaking, and Biotech Quiz Bowl.
Guilford County Schools - Southeast Middle School	Student Development	EOG Proctor	05/24/2012	25-30 students 1 parent	Served as a proctor (test monitor) for the End of Grade (EOG) testing at Southeast Middle School. Proctors must monitor the test taking of students in a class setting and assist the teacher as needed during the test.

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Guilford County Schools - Smith High School	Literacy, Math and Science, Student Development	The Scholars Latino Initiative (SLI)	08/15/2011 05/01/2014	10 students 2 teachers 2 school professionals 2 administrators	The Scholars Latino Initiative (SLI) was implemented on North Carolina A&T State University campus in 2011 to improve college access by engaging high-potential Latino high school students from under-resourced communities in a three year mentoring program which promotes academic excellence, leadership, community involvement, and personal integrity.
All middle and high schools within the Guilford County public school system	Literacy, Student Development	February 1 – Sit-In Anniversary	02/01/2009	40-60 students 15-20 teachers 15-20 school professionals 8-10 administrators	February 1 – Sit-In Anniversary is a North Carolina A&T State University celebrated event that provides an opportunity to both middle and high school aged students to participate by submitting essays and/or art (post) in competition for a first or second place award.
Guilford County Schools - Multiple	Math and Science	Coordinated a Summer camp	07/27/2012 08/03/2012	20 students	Coordinated a 5-day camp for high school students to learn about Biomedical Engineering.
Hampton Elementary University Partnership	Literacy, Student Development		08/01/2012 05/06/2013	100 students 20 parents 20 teachers 1 administrator	Mentoring, tutoring, and participating in special events.
North Carolina A&T State		Judge	01/28/2013		Judged oral presentations at the 27th

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University					Annual Ronald E. McNair Memorial Celebration and 11th Annual Research Symposium.
Washington Montessori	Literacy, Math and Science, Teacher Leadership, Teacher Recruitment, Student Development, Level the playing field for children from East Greensboro	SMART PATH Director	08/30/2012 05/08/2013	25 students 1 teacher	Directed a service learning tutoring program through Black Child Development.
The Middle College at Bennett	Student Development	Seminar and Mentoring	11/14/2012	20 students	Monthly seminar for high school seniors were held that addressed college readiness and opportunities. Strategies were provided on how to successfully navigate and manage the college experience.
The Middle College at Bennett	Student Development	Seminar	12/12/2012	22 students	Seminar series prepared high school seniors for college and various opportunities available for them. This seminar addressed global studies and engagement in international travel experiences.
The Middle College @ Bennett	Student Development	Seminar and Mentoring	04/11/2013	20 students	This seminar addressed table etiquette and a luncheon was held following the seminar for high school seniors at the Greensboro Country

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					Club.
Bennett Middle/Early College			11/14/2012 04/11/2013	22 students 1 school professional	Assisted with planning and facilitating life skills sessions for high school seniors enrolled at Bennett Middle Early College. Sessions included: preparing for college, studying abroad, dining out etiquette, and dressing appropriately for the occasion.
Hampton Elementary University Partnership Magnet	Student Development	Black S.M.I.T.H.	11/15/2012 01/24/2013	40 students	Targeted African American and Hispanic males in the 3rd-5th grades to expose them to a variety of positive male role models and professionals from the surrounding community.
Hampton Elementary University Partnership Magnet	Teacher Leadership, Student Development	Parent Holiday Social	12/13/12	25 students 10 parents 8 teachers 3 school professionals 5 administrators	Opportunity for parents, administrators, and members of the Hampton Elementary Advisory Board to interact in a social setting to discuss previous and upcoming partnership activities.
Hampton Elementary University Partnership Magnet	Literacy	Trade Street Literacy Project	02/05/2013 04/25/2013	80 students	Reading buddies program in which NC A&T SU students assisted Hampton students in reading selected books and performed accelerated reading tests to determine comprehension.

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Hampton Elementary University Partnership Magnet	Literacy, Math and Science, Student Development	Afterschool Tutoring Program	02/06/2013 04/25/2013	65 students	Provided math & reading tutoring and homework assistance to 3rd through 5th graders.
Hampton Elementary University Partnership Magnet	Literacy	African American Read In	02/06/2013	200 students	A&T faculty and staff read selections to classes at Hampton to promote literacy and celebrate African-American History Month.
Hampton Elementary University Partnership Magnet	Literacy, Student Development	Family Literacy Night	'04/25/13	25 students 10 parents	Provided parents with strategies they could use to help improve their students' reading skills at home.
Hampton Elementary University Partnership Magnet	Student Development	College Fair	02/08/2014	85 students	Hampton students were given presentations from representatives of local colleges and universities, learned about each institution and eligibility/qualifications to attend.
Bluford Elementary School		Bluford Elementary Science Fair Project	02/05/2013	40 students 1 teacher	Volunteer judge for Bluford Science Fair
Hampton Academy, Eastern Guilford Middle School	Student Development	Volunteering in classroom, Planning and implementing field day, Recruiting students	08/14/2012 05/10/2013	30 students 10 parents 10 teachers 5 school professionals 1 administrator	
Hampton Elementary	Student Development	Men Making a Difference Day	04/19/2013	50 students	Hampton dads and male faculty and staff from

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University Partnership Magnet					NC A&T SU and Hampton read to students and assisted in various classrooms.
Hampton Elementary University Partnership Magnet	Literacy, Teacher Leadership, Student Development	Curriculum Night	10/18/2012	20 students 25 parents 8 teachers 3 administrators	This event gave parents and students an opportunity to preview the curriculum that would be taught during the academic year as well as discuss benchmark testing that would be administered.
Guilford County Schools - 20 schools were served	Literacy, Math and Science, Student Development	Winter Agricultural Literacy BBQ Fest	2/15/13	300 students 20 teachers	This activity served over 300 students from 20 secondary agricultural education programs across the state of North Carolina. The activity provided exposure to students with respect to collegiate students in the Agricultural Sciences.
North Carolina A&T State University	Student Financial Opportunity	Tomorrow Fund for Hispanic Students	03/03/2011 07/01/2013	3-4 teachers 3 administrators	The Tomorrow Fund for Hispanic Students awards annual scholarships to immigrant Hispanic youth enrolled in undergraduate programs at public and private accredited colleges, universities, or community colleges in North Carolina.
All Guilford County Middle Schools	Student Development	All Star Camp Visitation Day	07/15/2012	100 students 20 parents 20 teachers 2 administrators	Top performing 8th graders from Guilford County visit NC A&T campus and engaged in STEM-related activities

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					such as geocaching, science lab visits, etc.
All schools in Iredell/Hickory School System	Math and Science, Student Development	Iredell County STEM Education Forum	03/30/2013	75 students 40 parents 5 teachers 6 administrators	A day-long community event for parents, educators, and students focused on inquiry-based learning, Common Core Standards, & STEM careers.
Schools in Guilford County: The Middle College at NC A&T, Dudley High School, The Academy at GTCC-Jamestown, The Academy at GTCC-Greensboro,	Math and Science, Student Development	Urban Education Institute	03/07/2013 03/09/2013	111 students 15 teachers	Provided 120 top performing high school seniors with STEM aspirations exposure to a national STEM conference and the opportunity to interact with STEM scholars & peers.
This activity served 320 African-American students representing all Guilford County High Schools.	Math and Science, Student Development	African-American Males Leadership Summit- K-12 Support	02/15/2013 02/16/2013	320 students 15 parents 25 teachers 15 school professionals 4 administrators	Provided K-12 support in the development of activities that would engage African-American males students during the conference (Geocaching activities).
Brooks Global Studies Magnet School	Math and Science, Teacher Leadership, Student Development	Brooks Global Studies Robotics Team	07/01/2012 04/01/2013	25 students 2 teachers 1 administrator	Support for after-school robotics program for 20 3rd-5th graders through robotics technical support and grant funding (\$3,000)
Parents from all Guilford County Schools were served	Parent Engagement	Guilford County Parent Engagement Conference	09/12/2012	250 parents 25 parents 20 school professionals	Annual meeting that provided a series of workshops that support K-12 parents.

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through this activity				10 administrators	
This project serves all middle schools in each of the six school districts partners	Professional development for lateral entry teachers, Beginning teacher support/meeting new mentor standards, Math and Science, Teacher Leadership	NC A&T Regional Collaborative in STEM	05/01/2012 05/04/2013	4000 students 60 teachers 10 school professionals 15 administrators	Targeted STEM professional development to 70+ math/science teachers in six NC school districts. Activities include on-site professional development and coaching and an annual STEM Summer Institute for teachers.
The STEM Early College at NC A&T	Math and Science, Teacher Leadership	Support of STEM Early College at NC A&T	08/01/2013 05/01/2013	50 students 4 teachers	Targeted teacher professional development for STEM EC teachers focused on STEM instruction, teaching at an early college, lesson plan support, curriculum development, service on School Leadership Team.
Rockingham County High School	Math and Science, Student Development	High School Robotics Camp	07/25/2012 07/29/2012	40 students 2 teachers 1 administrator	Advanced robotics camp for 20 high school students interested in STEM careers for Rockingham County Schools
Data note shared due to confidentiality for homeless students	Student Development	Aggie Enrichment Camps- Homeless Student Support	06/11/2012 06/29/2012	25 students	Provided camps to 15 homeless students ages K-8 to attend K-12 camps at a reduced rate. These were engaging camps for youth ages K-12. Topics include Animal Science, Biotechnology,

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					Health/Sports Fitness, Robotics, Sewing, Theater, Visual Arts, 3D Animation, Website Design.
GTCC- Jamestown, Kiser Middle School, Burlington- Cummings High School, Dudley High School	Math and Science, Teacher Leadership	University RET (Research Experience for Teachers) Professional Development	07/02/2012 07/29/2012	8 teachers	STEM professional development for K-12 teachers in connecting current STEM research to classroom instruction for the NC A&T Engineering Research Center (ERC) Education Component.
Baskerville Elementary School	Math and Science	Judging Science Fair Project	04/25/2013	40 students	Judged science fair projects for K-5 graders (chose first, second, third place) for Nash-Rocky Mount Elementary School
Hampton Elementary University Partnership	Math & Science	A&T University Farm Visit	05/07/2013 05/08/2013	122 students	Hampton students visited NC A&T State University farm.
Hampton Elementary School University Partnership	Math & Science	Exploring Engineering Day	05/07/2013	40 students	The Engineering Research Center's Education and Outreach Department conducted the workshop for Hampton students.
Hampton Elementary School, Bluford Elementary School	Teacher Leadership	Grant Writing Workshop	12/01/2012	10 teachers	Workshop taught teachers how to develop successful proposals.

B. Brief Summary of faculty service to the public schools.

SOE and University faculty and staff supported approximately 70 outreach and access activities serving nearly 14,000 school and community partners. During 2012 - 2013 NC A&T SU faculty and staff provided a wide range of professional development activities for teachers, learning activities for students, and home-school-community activities for parents in elementary, middle, and high schools. The activities involved over 10,000 students and approximately 911 teachers. These activities were designed to improve student achievement, especially in the areas of literacy, science, mathematics, and also focused on teacher development and teacher leadership. NC A&T SU faculty engaged in service activities across the following school systems, as well as various others within the Piedmont Triad region and the state: Alamance-Burlington Schools, Bertie County Schools, Brunswick County Schools, Buncombe County Schools, Caldwell County Schools, Caswell County, Catawba County Schools, Davidson County Schools, Durham Public Schools, Edgecombe County Schools, Greene County Schools, Guilford County Schools, Haywood County Schools, Iredell County School, Johnston County Schools, Lenoir County Schools, Lexington City Schools, Mayland County Schools, Mecklenburg County Schools, Moore County Schools, Nash-Rocky Mount Public Schools, New Hanover County Schools, Orange County Schools, Pitt County Schools, Randolph County Schools, Rockingham County Schools, Sampson County Schools, Surry County Schools, Swain County Schools, Thomasville City Schools, Wake County Schools, Weldon City Schools and Winston-Salem/Forsyth County Schools. Specific activities included, but were not limited to the following: The Scholars Latino Initiative, the Trade Street Literacy Project, an afterschool tutoring program, 3rd annual African American Read In, Family Literacy Night, Men Making a Difference Day, Community Conversations, Winter Agricultural Literacy BBQ Fest, Tomorrow Fund for Hispanic Students, Iredell County STEM Education Forum, African-American Makes Leadership Summit, Brooks Global Studies Robotics, and the Guilford County Parent Engagement Conference. Additional activities included mentoring middle school math & science teachers, assistance with curriculum writing, faculty serving as judges for science fairs, the Fifth Annual Urban Education Institute, 30th Annual Middle School and High School Math Contest, and the BlackS.M.I.T.H. Initiative. Several teacher education faculty members performed skills training with K-12 educators, composed curriculum supplement curriculum materials, as well as designed and facilitated sessions with K-12 students.

The Hampton Elementary University Partnership Initiative – Chancellor Harold Martin appointed the School of Education to serve as the lead on a University partnership with a local elementary school within the Guilford County School system. The organization of this partnership is guided by a collaborative advisory board which meets monthly to direct academic support, community engagement and professional growth initiatives. The partnership has just concluded its third year. The afterschool tutoring program offers math, reading, and homework assistance to 3rd, 4th, and 5th graders while developing and improving skills that would assist and motivate students to perform well on benchmark testing. During the Fall 2012 semester, 23 student volunteers served 152 hours. Recruiting efforts were accelerated for the Spring 2013 semester and as a result, 49 student volunteers served 287 hours. The Trade Street Literacy Project, which began during the Spring 2013 semester, is a program designed to help Hampton students improve their literacy skills. During its pilot semester, 30 student volunteers served 184 hours. [This section provides some brief information as well as important highlights of service to the Hampton Elementary University Partnership. Student volunteers represented all classifications and majors across the University.] The purpose of the Hampton Elementary University Partnership is to develop a strong collaboration between the North Carolina A&T

State University, Guilford County Schools, Hampton Elementary University Partnership Magnet and the Hampton community in order to fully leverage the human and intellectual resources of the university to enhance teaching and learning, leadership, and community engagement at Hampton Elementary University Partnership Magnet. This purpose is supported by three central themes of the partnership: academic support, professional growth, and community engagement. At least one theme guides every initiative and activity developed by the advisory board with the desired result of impacting all stakeholders in the Hampton Elementary University Partnership.

Brief description of unit/institutional programs designed to support beginning teachers.

Support for beginning teachers is evident in NC A&T SU professional development activities as well as individual faculty mentoring of beginning teachers. Faculty in all teacher education programs are engaged in mentoring beginning teachers and providing support for student learning. School of Education (SOE) faculty often call upon alumni to assist in this mentoring process.

C. Brief description of unit/institutional efforts to serve lateral entry teachers.

NC A&T SU remains committed to providing opportunities for lateral entry teachers to become fully licensed. Classes are offered in the late evening during the academic year and the summer school schedule targets lateral entry teachers. Distance teacher education is a priority in serving lateral entry teachers, especially in supporting licensure for mathematics, science, and special education teachers. Full on-line programs have been developed in elementary and special education; courses have also been developed in mathematics and science. SOE faculty are encouraged to offer courses on-site to support lateral entry teachers. Through the National Science Foundation (NSF) Content Mentoring Project, middle grades lateral-entry teachers (a) have access to University faculty expertise relative to mathematics and science course content, (b) have the opportunity to attend two conferences which feature presentations by both University faculty and master teachers, and (c) can attend at least one state professional conference with substitute pay provided.

D. Brief description of unit/institutional programs designed to support career teachers.

The SOE maintains strong inter-institutional and intra-institutional professional development partnership initiatives as a part of its goal of developing a seamless education continuum for pre-K through higher education through support for career teachers. The SOE's Director of Kindergarten -12 programs and outreach works closely with schools within our region and across the state in creating opportunities for the University to increase its engagement and involvement with K-12 schools. Our current partnerships include collaborations with the College of Engineering's ERC Education and Outreach Program and the NSF Content Mentoring Project led by faculty in the Department of Curriculum and Instruction and the Department of Human Development and Services. The ERC has partnerships with pre-college institutions in North Carolina to involve teachers and students in engineering for the overall purpose of training future engineers for industry and research. In addition to conducting assessment activities for the program, the SOE facilitates professional development with secondary teachers and community college instructors to create inquiry-based, metallic biomaterials lesson plans for K-12 classrooms.

E. Brief description of unit/institutional efforts to assist low-performing, at-risk, and/or priority schools.

The School of Education serves as the lead academic unit for the Hampton Elementary University Partnership. During the 2012- 2013 academic year, this school was designated as a priority school. NC A&T SU provided literacy workshops for families, sponsored an African American Read-In, served as a member of the school’s leadership team, and provided mentors for African American male students. NC A&T SU faculty and students also served as mentors in local low performing schools. Teaching Fellows continued to collaborate with Curriculum and Instruction and Leadership Studies to offer the SMART tutorial and service learning project with Washington Montessori Elementary School.

F. Brief description of unit/institutional efforts to promote SBE priorities.

Under new leadership the School of Education (SOE) restructured to provide an Office of Student Services. This office ensures seamless alignment between the recruitment coordinator and the retention advisor to complete a team charged with aggressive implementation of the teacher education recruitment and retention plan. The SOE emphasizes the State Board of Education priorities through the following goals: increase the number of licensed teachers in mathematics, science, and special education; support teacher quality through continuing professional development; support school success for all P-12 students through elimination of the learning (achievement) gap and continuing to implement revised teacher education and school administration preparation programs. The SOE continues its focus on producing highly qualified teachers to meet the state’s high needs in math, science, and special education. During 2012 - 2013, several collaborative activities with school partners targeted improvement of teaching and learning in STEM subject areas. Other collaborative activities addressed closing the learning (achievement) gap through a focus on basic academic and 21st century skills.

G. Brief description of unit/institutional efforts to promote SBE priorities.

	Current Efforts	Future Plans
a) All candidates are prepared to use digital and other instructional technologies to provide high quality, integrated digital teaching and learning to all students. (HB23)	<p>BS/ELED – CUIIN 101(Computer Fund. for Teachers), CUIIN 543 (Educational Media)</p> <p>MAT/ELED – Pre-requisite (newly admitted students without recent technology/computer course): INST 605 (Computers in Education)</p> <p>MAT/SPED – Pre-requisite (newly admitted students without recent technology/computer course): INST 605 (Computers in Education)</p>	Ongoing professional development sessions with ALICE programming (http://www.alice.org/index.php) during the 2013-14 academic year
b) Candidates preparing to teach in elementary schools have adequate coursework in the teaching of reading and mathematics. (SB724)	<p>BS/ELED – Mathematics: ELED 120, ELED 121, ELED 514, ELED 614 (Mathematics/Science Corollary); Reading: ELED 510, ELED 511, ELED 544 (Diagnostic Prescriptive Reading)</p> <p>MAT/ELED – ELED 611(Balance Literacy for the Elem. Learner I), ELED 615 (Balance Literacy for the Elementary</p>	

	<p>Learner II: Completion of Differentiated Teacher Work Sample Project); ELED 612 (Mathematics Curriculum & Pedagogy I: Diagnostic Project), ELED 617 (Mathematics Curriculum & Pedagogy II) MAT/SPED – SPED 639 (Literacy Strategy Development for Struggling Readers) with a field experience, and one other required reading course depending on candidate background, completion of Differentiated Teacher Work Sample Project; ELED 612 (Mathematics Curriculum & Pedagogy I: Diagnostic Project), ELED 617 (Mathematics Curriculum & Pedagogy II)</p>	
<p>c) Assess elementary and special education: general curriculum candidates prior to licensure to determine that they possess the requisite knowledge in scientifically based reading and mathematics instruction that is aligned with the State Board’s expectation. (SB724). Describe your efforts to ensure candidates are prepared for the new licensure exams (MTEL) effective July 1, 2014.</p>	<p>BS/ELED – Mathematics: ELED 120, ELED 121, ELED 514, ELED 614 (Mathematics/Science Corollary); Reading: ELED 510, ELED 511, ELED 544 (Diagnostic Prescriptive Reading); ELED 404 (Teacher Lic-Review Seminar) MAT/ELED – ELED 611 (Balance Literacy for the Elem. Learner I), ELED 615 (Balance Literacy for the Elem. Learner II: Completion of Differentiated Teacher Work Sample Project); ELED 612 (Mathematics Curriculum & Pedagogy I: Diagnostic Project), ELED 617 (Mathematics Curriculum & Pedagogy II: Scholarly Mathematics Research Paper) MAT/SPED – SPED 639 (Literacy Strategy Development for Struggling Readers) with a field experience (includes reading assessment) and one other required reading course depending on candidate background, completion of Differentiated Teacher Work Sample Project; ELED 612 (Mathematics Curriculum & Pedagogy I: Diagnostic Project), ELED 617 (Mathematics Curriculum & Pedagogy II)</p>	<p>Faculty Training: Foundations of Reading Faculty Training: Reading 3D Training with NCDPI</p>
<p>d) Candidates (preparing to teach in elementary schools are prepared to apply formative and summative assessments within the school and classroom setting through technology based assessment systems available in North Carolina schools that measure and predict expected student improvement. (SB724)</p>	<p>BS/ELED – CUIIN 310 (Assessment for the 21st Century Learner); ELED 559 (Student Teaching in the Elementary School) MAT/ELED – ELED 618 (Clinical Practice for the 21st Century Elem. Classroom: Internship Course) Opportunities to use DIBELS, etc. MAT/SPED – SPED 660 (Internship Course) opportunities to use DIBELS, other assessments used for students with special needs.</p>	<p>Ongoing professional development sessions focused on DIBELS and iPADs with GCS administrators, faculty Faculty Training: Reading 3D Training with NCDPI</p>

<p>e) Candidates (preparing to teach in elementary schools) are prepared to integrate arts education across the curriculum. (SB724)</p>	<p>BS/ELED – ELED 316 (Creative Arts, Healthful Living in the Elementary Classroom) MAT/ELED – ELED 620 (Teaching Through Multiple Intelligences)</p>	
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Supplemental Information (Optional)

H. Brief description of unit/institutional special efforts to improve NTE/Praxis scores.

Faculty members with special understanding of learning styles, content knowledge, and test taking strategies provide support to students as needed. The SOE collaborated with the Center for Academic Excellence to purchase Plato Praxis I Simulated Test. The activities listed below were enlisted to assist students with Praxis I:

- Workshops (Praxis I – 10 sessions, Student Success – 4 sessions)
- Individual advising/tutoring (hosted over 150 one-on-one student sessions)
- Implemented Living Learning Communities
- Contacted and monitored students not meeting program requirements
- Assisted students with developing an academic improvement plan and provided study strategies

Multiple strategies are utilized to ensure that candidates develop breadth and depth in content knowledge in order to pass Praxis II. On-going analyses of performance on the tests are completed and shared with faculty in the content areas. For example, the Special Education program offered two lab sessions for undergraduate candidates during the SPED 564 Methods & Materials and Problems in Teaching the Special Needs Child course. The Elementary Education program has designed a course, ELED 404: Teacher License Review Seminar, specifically aimed to ensure success on Praxis II.

I. Brief description of unit/institutional special efforts to recruit students into professional education programs leading to licensure.

The SOE Office of Student Services worked in conjunction with the Office of Admissions to recruit students during ten (10) Aggie Nights Blitz in different cities and states. Other recruitment events included the Hispanic Educational Summit (Raleigh, NC), the Rumba la Universidad (Greensboro, NC), and Future Teachers of America State Conference (Greensboro, NC). Special education faculty members worked to implement the undergraduate licensure option to one which will appeal to the Elementary Education, Birth-to-Kindergarten, and secondary programs. Candidates in these teacher education programs have the option of taking an additional 24 hours in coursework leading to licensure in special education.

J. Brief description of unit/institutional special efforts to encourage minority students to pursue teacher licensure.

As an HBCU, the majority of students at NC A&T SU are African American and this is reflected in the demographics of teacher education students. For NC A&T SU, racial/ethnic minority

includes Asian/Pacific Islander, Hispanic/Latino, Native American, and Caucasian. In terms of the teacher education population, African American males would be a gender minority. Not only does NC A&T SU need to continue addressing a national shortage of African Americans going into teaching, as the demographics of our state and nation continue to change we also need to encourage other racial/ethnic minority students to pursue teacher licensure.

K. Other (if applicable): Brief description of new initiatives (if any) not detailed previously in the narrative section.

The SOE collaborated with Guilford County Schools Early College Academy students from Dudley High School to advise and enroll students into university courses. Seminars were held to orient parents and students to the college experience. During the 2012 – 2013 academic year the SOE faculty assisted with monitoring the academic progress of the 31 students.

II. CHARACTERISTICS OF STUDENTS

A. Headcount of students formally admitted to and enrolled in programs leading to licensure.

Full Time				
	Male		Female	
Undergraduate	American Indian/Alaskan Native		American Indian/Alaskan Native	
	Asian/Pacific Islander		Asian/Pacific Islander	
	Black, Not Hispanic Origin	10	Black, Not Hispanic Origin	64
	Hispanic		Hispanic	1
	White, Not Hispanic Origin	3	White, Not Hispanic Origin	11
	Other		Other	
	Total	13	Total	76
Licensure-Only	American Indian/Alaskan Native		American Indian/Alaskan Native	
	Asian/Pacific Islander		Asian/Pacific Islander	
	Black, Not Hispanic Origin		Black, Not Hispanic Origin	
	Hispanic		Hispanic	
	White, Not Hispanic Origin		White, Not Hispanic Origin	
	Other		Other	
	Total		Total	
Part Time				
	Male		Female	
Undergraduate	American Indian/Alaskan Native		American Indian/Alaskan Native	
	Asian/Pacific Islander		Asian/Pacific Islander	
	Black, Not Hispanic Origin	1	Black, Not Hispanic Origin	6
	Hispanic		Hispanic	
	White, Not Hispanic Origin		White, Not Hispanic Origin	1
	Other		Other	
	Total	1	Total	7
Licensure-Only	American Indian/Alaskan Native		American Indian/Alaskan Native	
	Asian/Pacific Islander		Asian/Pacific Islander	
	Black, Not Hispanic Origin		Black, Not Hispanic Origin	
	Hispanic		Hispanic	
	White, Not Hispanic Origin		White, Not Hispanic Origin	
	Other		Other	
	Total		Total	

B. Lateral Entry/Provisionally Licensed Teachers

Refers to individuals employed by public schools on lateral entry or provisional licenses.

Program Area	Number of Issued Program of Study Leading to Licensure	Number Enrolled in One or More Courses Leading to Licensure
Prekindergarten (B-K)		
Elementary (K-6)		
Middle Grades (6-9)		
Secondary (9-12)		
Special Subject Areas (k-12)		
Exceptional Children (K-12)		
Vocational Education (7-12)		
Special Service Personnel (K-12)		
Other		
Total		

Comment or Explanation: Since Fall 2010, the majority of our lateral entry students have been admitted through our MAT program. These students are continuing to matriculate and are working toward their degrees. NC A&T SU occasionally has some students taking a class or two in some programs however; we do not recommend these students for licensure, as they are usually working toward alternative licensure through the Regional Alternative Licensure Centers.

C. Quality of students admitted to programs during report year.

	Baccalaureate
MEAN SAT Total	1,143
MEAN SAT-Math	*
MEAN SAT-Verbal	N/A
MEAN ACT Composite	*
MEAN ACT-Math	*
MEAN ACT-English	*
MEAN PPST-Combined	530
MEAN PPST-R	177
MEAN PPST-W	175
MEAN PPST-M	*
MEAN CBT-Combined	N/A
MEAN CBT-R	N/A
MEAN CBT-W	N/A
MEAN CBT-M	N/A
MEAN GPA	3.40
Comment or Explanation:	
*-Less than five scores reported.	

D. Program Completers (reported by IHE).

Program Area	Baccalaureate Degree		Undergraduate Licensure Only	
	PC	LC	PC	LC
PC Completed program but has not applied for or is not eligible to apply for a license				
LC Completed program and applied for license				
Prekindergarten (B-K)	3	1		
Elementary (K-6)	7	15		
Middle Grades (6-9)				
Secondary (9-12)	4	8		
Special Subject Areas (K-12)	4			
Exceptional Children (K-12)				
Vocational Education (7-12)	1	1		
Special Service Personnel				
Total	19	25		
Comment or Explanation:				

E. Scores of student teachers on professional and content area examinations.

Specialty Area/Professional Knowledge	2011 - 2012 Student Teacher Licensure Pass Rate	
	Number Taking Test	Percent Passing
Elementary Education	33	100
Spec Ed: General Curriculum	6	100
Institution Summary	39	100
* To protect confidentiality of student records, pass rates based on fewer than five test takers were not printed.		

F. Time from admission into professional education program until program completion.

Full Time						
	3 or fewer semesters	4 semesters	5 semesters	6 semesters	7 semesters	8 semesters
Baccalaureate degree	23	12	3	1		
U Licensure Only						
Part Time						
	3 or fewer semesters	4 semesters	5 semesters	6 semesters	7 semesters	8 semesters
Baccalaureate degree	1	3	1			
U Licensure Only						
Comment or Explanation:						

G. Undergraduate program completers in NC Schools within one year of program completion.

2011-2012		Student Teachers	Percent Licensed	Percent Employed
Bachelor	Institution	64	86	61
Bachelor	State	4,761	92	60

H. Top10 LEAs employing teachers affiliated with this college/university. Population from which this data is drawn represents teachers employed in NC in 2012-2013.

LEA	Number of Teachers
Guilford County Schools	920
Forsyth County Schools	235
Charlotte-Mecklenburg Schools	202
Wake County Schools	159
Alamance-Burlington Schools	137
Randolph County Schools	134
Rockingham County Schools	123
Durham Public Schools	90
Cumberland County Schools	79
Davidson County Schools	57

I. Satisfaction of program completers/employers with the program in general and with specific aspects of the program, as rated on a 1 (lowest) to 4 (highest) scale.

Due to several factors affecting responses, survey results will not be reported at the institutional level this year.

III. Teacher Education Faculty

Appointed full-time in professional education	Appointed part-time in professional education, full-time in institution	Appointed part-time in professional education, not otherwise employed by institution
31	10	6