College of Arts and Sciences

Dr. Goldie S. Byrd, Dean

Dr. David W. Aldridge, Associate Dean for Research and Graduate Studies

Dr. Beverly Grier, Associate Dean for Curriculum and Undergraduate Student Affairs

Dr. Zakiyah S. Wilson, Associate Dean for Faculty and Student Success

411A General Classroom Building
Phone: (336) 334-7806
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DEPARTMENT OF BIOLOGY

Dr. Mary Smith, Chairperson
Department of Biology
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- BS in Biology
- BS in Secondary Education (Biology Education)
- MS in Biology
- MA in Teaching (Biology Education)

Phone: (336) 285-2160
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DEPARTMENT OF CHEMISTRY

Dr. Margaret Kanipes-Spinks, Interim Chairperson
Department of Chemistry
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- BS in Chemistry - American Chemical Society (ACS) approved program
- BS in Secondary Education (Chemistry Education)
- MS in Chemistry
- MA in Teaching (Chemistry Education)

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DEPARTMENT OF ENERGY AND ENVIRONMENTAL SYSTEMS

DR. KEITH A. SCHIMMEL, Chairperson

Department of Energy & Environmental Systems
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- PhD in Energy and Environmental Systems
- PhD in Energy and Environmental Systems (Atmospheric Sciences)
- PhD in Energy and Environmental Systems (Energy and Environmental Sciences and Economics)
- PhD in Energy and Environmental Systems (Sustainable Bioproducts)

DEPARTMENT OF ENGLISH

Dr. Faye Spencer Maor, Chairperson

Department of English
A425 General Classroom Building

- BA in English
- BA in English (African-American Literature)
- BA in English (Creative Writing)
- BA in English (Technical Writing)
- BS in Secondary Education (English Education)
- BA in Speech (Speech Communication Studies)
- BA in Speech (Speech Language Pathology and Audiology)
- MA in English and African-American Literature
- MA in Teaching (English Education)

DEPARTMENT OF HISTORY

Dr. Arwin D. Smallwood, Chairperson

Department of History
324 Gibbs Hall

- BA in History
- BS in Secondary Education (History Education)
- BA in Liberal Studies (African-American Studies)
- BA in Liberal Studies (Pre-Law)
- MA in Teaching (History Education)
DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

Prof. Gail Wiggins, Interim Chairperson
Department of Journalism and Mass Communication
220 Crosby Hall
Phone: (336) 334-7900
Fax: (336) 334-7770
Email: gwiggins@ncat.edu

• BS in Journalism and Mass Communication (Multimedia Journalism)*
• BS in Journalism and Mass Communication (Mass Media Production)*
• BS in Journalism and Mass Communication (Public Relations)*
*Accredited by the Accrediting Council on Education in Journalism and Mass Communication (ACEJMC)

DEPARTMENT OF LIBERAL STUDIES

Dr. Regina Williams, Interim Chairperson
Department of Liberal Studies
A457 General Classroom Building
Phone: (336) 256-2165
Fax: (336) 256-2411
Email: rmwilli1@ncat.edu

• BA in Liberal Studies (Interdisciplinary)
• BA in Liberal Studies (International Studies)
• BA in Liberal Studies (Race, Class & Culture)
• BA in Liberal Studies (Women's Studies)

DEPARTMENT OF MATHEMATICS

Dr. Guoqing Tang, Chairperson
Department of Mathematics
102 Marteena Hall
Phone: (336) 285-2033
Fax: (336) 256-0876
Email: tang@ncat.edu

• BS in Mathematics
• BS in Mathematics (Applied Mathematics)
• BS in Mathematics (Pure Mathematics)
• BS in Secondary Education (Mathematics Education)
• MS in Applied Mathematics
• MA in Teaching (Mathematics Education)
DEPARTMENT OF PHYSICS

Dr. Abdellah Ahmidouch, Chairperson

Department of Physics
101-B Marteena Hall

- BS in Atmospheric Sciences and Meteorology
- BS in Physics
- BS in Physics (Engineering Physics)
- BS in Physics (Interdisciplinary Physics)
- BS in Secondary Education (Physics Education)
- MS in Physics

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DEPARTMENT OF POLITICAL SCIENCE AND CRIMINAL JUSTICE

Dr. James P. Mayes, Interim Chairperson

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- BA in Political Science
- BS in Criminal Justice

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DEPARTMENT OF PSYCHOLOGY

Dr. George Robinson, Jr., Chairperson

Department of Psychology
360 New Science Building

- Psychology (BA)

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DEPARTMENT OF SOCIOLOGY AND SOCIAL WORK

Dr. Sharon Warren Cook, Interim Chairperson

Department of Sociology and Social Work
201 Gibbs Hall

- BA in Sociology
- B in Social Work*
- BA in Liberal Studies (Cultural Change & Social Development)
- M in Social Work* - Joint Program with UNC-G

*Accredited by the Council on Social Work Education (CSWE)
DEPARTMENT OF VISUAL AND PERFORMING ARTS

Dr. Eleanor Gwynn, Chairperson  
Department of Visual and Performing Arts  
A322 General Classroom Building

Phone: (336) 256-2137  
Fax: (336) 256-2570  
Email: gwynne@ncat.edu

- BA in Visual Arts, Design
- BA in Visual Arts, Design (Visual Media Design)
- BFA in Professional Theatre* - (Acting & Theatre Technology)
- BA in Music (General)
- BA in Music (Performance)**
- BA in Liberal Studies (Dance)
- BS in Secondary Education (Art Education)
- BS in Secondary Education (Music Education)

*Accredited by the National Association for Schools of Theatre (NAST)
**Accredited by the National Association for Schools of Music (NASM)
## Unit Accomplishments

(Your response should be no more than five bullets for each item under each goal, not to exceed 2 pages for each goal. Please focus on the most significant accomplishments; do not simply list all your activities.)

<table>
<thead>
<tr>
<th>Goals/Strategies</th>
<th>Unit Accomplishments</th>
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<tbody>
<tr>
<td><strong>Goal 1: Create an intellectual climate that encourages the creative exchange of ideas and increases the quality of the professional.</strong></td>
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<tr>
<td>1</td>
<td>Instill passion for academic excellence and integrity.</td>
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<td>• The Department of Biology awarded $59,656 in scholarships to undergraduates.</td>
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<td>• Chemistry: Awarded $10,900 in scholarships to undergraduates. 8 book scholarships to majors earning a 3.0 or better each semester. ($1900) and 9 scholarships for out-of-state students in the amount of $9,000 to majors earning a 3.2 or better each semester.</td>
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<td>• English: Hosted the 2014 Symposium on Composition at the HBCU, sponsored by Bedford/St. Martin’s Press</td>
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<td>• English/Speech: Annual Speech Communication Program presented the 2014 Student Research Colloquium</td>
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<td>• Liberal Studies: First Annual Peer-to-Peer Professional Development Conference for Language and Culture, 2/21/14</td>
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<td>• Mathematics: Has piloted both research-based and evidence-based models in six sections of MATH 101 and 102 each, three section of MATH 103 (Math Emporium model), and nine sections of MATH 131 (SCALE-UP model) in the Fall semester of 2013 to cultivate student-centered active learning environment for students, actively engage students in learning and improve their course performance. The pilot programs in MATH 101/102/103 and MATH 131 continue in the Spring semester of 2014 with MATH 104 being added to the Math Emporium pilot in the spring 2014.</td>
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<td>• Sociology &amp; Social Work: Three scholarships were awarded.</td>
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<td>• History: Created 1st Gibbs Conference held in conjunction with Annual Gibbs Lecture – student-led research conference had over 20 student participants</td>
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<td>Recruit and develop talented faculty.</td>
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<td>• Biology: Recruited Angela White, Lecturer and Student Success Faculty</td>
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<td>• Chemistry recruited:</td>
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<td>o Dr. Sayo Fakayode, Associate Professor of Analytical Chemistry</td>
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<td></td>
<td>o Dr. Zakiya S. Wilson, Associate Professor and Associate Dean for Faculty and Student Success</td>
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<td>• EES Students:</td>
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<td>o Patrice Cagle - Best Poster Presentation Competition (Graduate Student Division) at the Emory University STEM Research and Career Symposium, March 27, 2014; AACR Minority Scholar in Cancer Research Award, April 7, 2014; 2014 NSF Graduate Research Fellowship Award.</td>
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<td>o Wei Tao - “Drastic Intensification of the Super Arctic Storm during 5-10 August 2012,” awarded second place in the 26th Conference on Climate Variability and Change’s best student poster competition at the American Meteorological Society’s</td>
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<td>Goals/Strategies</td>
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| 3 Develop distinctive co-curricular activities and effective learning technologies. | • Biology: Hosted a summer pre-matriculation program for new students accepted into STEM disciplines at the university.  
• Biology: CD White, Director of the Pre-Professional Scholars Program (NC A&T Students interested in Medicine, Law, Dentistry and Veterinary Medicine), hosted several professional development workshops for NC A&T students including presentation skills and personal statement development - Career development workshops such as two Career Reality Check programs for Biology students, Career Planning session for freshman Chemistry majors, 10 recruitment and information session by recruiters and admissions committee members, Pre-Professional Symposium on March 27, 2014 |
| 4 Provide financial support for graduate students. | • CAS awarded 121 graduate assistantships valued at $1,396,814 during the 2013-2014 AY. |
| 5 Maintain an ethical environment. | • Most CAS courses have at least one course dedicated to ethics and/or the ethical conduct of research. |
| 6 Recruit and retain gifted students. | • NCAT-ECU Early Assurance Scholars Program. An agreement between NC A&T State University and East Carolina University Brody School of Medicine (BSM) provides an opportunity to increase the number of NC A&T minority students prepared to enter medical school immediately upon completion of undergraduate studies. Two of the 78 seats at BSM are reserved for NC A&T students four years in advance. This year, the 4th cohort of students was selected (see below). They will join various departments across campus including Biology, Bioengineering, Psychology and Political Science.  
• Biology: MARC, RISE, iBLEND research training programs provide financial support and enrichment activities for students interested in pursuing research careers. MARC Scholarships & awards to under graduated research training, scholarships, and stipend: $141,362. Undergraduate research training program and individual faculty members support student travel and presentations ABRCMS, NCAS, American society of Cell Biology  
• Biology: $59,656 awarded in scholarships to students  
• Biology: CAS Undergraduate Merit Awarded to Ivey Owens; Chancellor Outstanding Undergraduate Student awarded to Ivey Owens; CAS Academic Citation Awarded to Jimmie Powell  
• English: (a) Ida Freeman Jenkins Endowed Scholarship recipient |
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<td>for spring 2014: Britney Newton. The Jenkins scholarship is available to undergraduate English majors based on their academic achievements and a personal essay. (b) Three students were selected to receive scholarships from the Richard E. Moore Endowment: Shaniqua Early, Jeremiah Gbozah, and Hillary Johnson. The Moore scholarship is awarded to sophomore, junior, or senior English majors on the basis of their scholarship, leadership and community service, and an essay.</td>
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<td>7 Enhance the intellectual environment through creative use of physical and virtual space.</td>
<td>• Psychology: The annual DOPE (Dialogue on Progressive Environment) is design to enhance the intellectual climate. Part of the ongoing dialogue is the “fight club,” which is a debating activity that occurs once a week.</td>
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<td><strong>Goal 2: Commit to excellence in teaching, research, public service and engagement.</strong></td>
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<td>1 Create a culture that supports teaching excellence.</td>
<td>• Biology: Faculty collaboration on Vision &amp; Change abstract accepted &amp; Chair and faculty member presented PULSE V&amp;C in Undergraduate Biology Education Initiative - Washington, DC at national meeting. • Chemistry: Sponsored two Seeding Postdoctoral Innovators in Research &amp; Education (SPIRE) Postdoctoral Fellows, Dr. Shirley Crenshaw and Dr. Steven Harris, from UNC-Chapel Hill. • Chemistry is implementing an active learning environment for General Education Courses. In General Chemistry, a constructivist teaching approach has been incorporated through implementation of the Discovery Learning Model. • Mathematics: Has been working diligently on improving student learning and performance in lower level math courses, and is actively collaborating with the GSK STEM Center of Excellence for Active Learning on redesigning algebra and trigonometry course sequence MATH 103/104 using the Mathematics Emporium model and pre-calculus and calculus course sequence MATH 110/131 using the SCALE-UP model to promote student-centered active learning and improve performance in these gatekeeper math courses.</td>
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<tr>
<td>2 Increase recognition and distinction among research universities.</td>
<td>• Biology: Dr. Gregory Goins was appointed for a one year term to serve as a Program Director in the Division of Undergraduate Education, Directorate for Education and Human Resources at the National Science Foundation (NSF) under NSF’s Visiting Scientists, Engineers, and Educators (VSEE) program. • Chemistry: (a) Dr. Fakayode served as a reviewer for Electrochemical Methods for a research paper on analysis of cholesterol based on in-situ synthesized graphene decorated with zinc oxide nanoparticles; (b) Dr. Assefa served as a reviewer for over 20 scientific papers for the following journals; Journal of Chemical Communications, Inorganic Chemistry, Journal of Solid State Chemistry, Dalton Transactions, Crystal Engineering, Chemical Physics, Physical Chemistry, Analyst, Inorganica Chimica Acta, Spectroscopy Chimica Acta and Open Crystallography Journal; &amp; (3) Dr. Assefa serves as an associate editor of the Bulletin of the Chemical Society of Ethiopia.</td>
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| • JOMC: Gail Wiggins, was selected to attend LSU’s Manship School of Journalism Leadership Academy this summer. The academy brings together academics and professionals to learn administrative strategies and gain insight into academic leadership.  
• Sociology & Social Work: Our JMSW Program received the 2nd place award in the statewide social entrepreneurship competition. |
| 3 Increase faculty development support. | • CAS devoted $70,000 for Innovation Awards, an internal competition designed to spur faculty initiatives and development. |
| 4 Promote achievement in teaching, research and service. | • CAS devoted $70,000 for Innovation Awards, an internal competition designed to spur faculty initiatives and development. |
| 5 Enhance systems to monitor student progress and facilitate early intervention. | • English: (a) Jason DePolo completed assessments of the English Department’s General Education Course offerings (ENGL 100, ENGL 101, ENGL 200, ENGL 201, ENGL 230, ENGL 231). The assessment data for all courses revealed that students met the criteria established for the Student Learning Outcomes. Despite this success, course improvements for all Gen Ed offerings are underway. (b) Moussa Issifou was hired as the Department’s Student Success Faculty and has advised all new Freshman English majors and majors “at-risk” for. |
| 6 Strengthen the impact of international opportunities for students, faculty and staff. | • Biology: iGEM (international synthetic biology competition, led by Dr. Newman and Dr. Han)  
• Biology: VSI internet blog – international audience (Dr. Hayes)  
• Mathematics: (a) Has retained one foreign postdoctoral associate, (b) has a visiting scholar from China, Dr. Xiang Zheng, visiting the department as a visiting scholar for the period of September 2013 through December 2013 and (c) Dr. Liping Liu, was invited to visit Henan Polytech University in the fall of 2013 as part of the A&T delegation. |

**Goal 3: Position the university to be a national, premier research-intensive, doctoral, science and technology-focused learning institution.**

| 1 Develop and strengthen relationships to enhance University’s research portfolio and increase related funding. | • Biology: MARC, RISE and IBLEND programs have established relationships with numerous research intensive universities to facilitate internship and graduate program opportunities for student scholars  
• Biology: Collaborative grants; (a) NIH U54 Subproject submission for community men’s health involved building relationships to enhance the research portfolio, NIH U54 BUILD grant; (b) RIMI, (c) MARC, (d) SPIRE, (e) NC-Tracs (UNC-CH, Wake, Indiana University)  
• Chemistry: Faculty forged collaborations with researchers on-and off-campus. On-campus collaborations included the Joint School of Nanoscience and Nanotechnology, Department of Biology, Chemical Engineering, and Mathematics. Off-campus collaborations included those with Wake Forest University, Virginia Tech, Oak Ridge National Labs, US Army Construction Engineering |

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| 1  Become a driver of regional revitalization in economic development, health,  | **Research Laboratory and IIT in Kharagpur, India.**  
• Energy & Environmental Systems’ dissertation committees involved 12 adjunct faculty members from industry, government agencies, or other universities.  
• English: Partnership with Bedford/St. Martin’s Press was initiated and begun with Symposium on Composition at the HBCU April 3-4, 2014.  
• CAS has received $1,647,054 in extramural funding as of April 21st for this academic year.  
• CAS provided $142,939 in wages and stipends to undergraduate student researchers.  
• Energy & Environmental Systems dissertation committees involved 50 faculty members from across campus this year.  
• Energy & Environmental Systems has 50 students working toward the PhD degree, 13 of which were first enrolled this year.  |
| education, culture, and civic quality.                                            |                                                                                                              |
| 2 Expand faculty and student involvement in funded research.                    | **Biology:** Clinical trials class being developed by Dr. Hayes; NCTraCS  
**Chemistry:** Received approval from the Faculty Senate level for its professional Master of Science concentrations in Applied and Developmental Chemistry for its MS in Chemistry degree program.  
**Chemistry:** Dr. Emrani developed a collaboration with School of Agriculture, a project to introduce new herbal crops with economic value to help in regional economic development.  
**English:** Dr. Jason DePolo was appointed by UNC General Administration as ELA (Writing) Specialist/Consultant to work with alignment teams for the State of North Carolina’s education initiative NC READY for Success.  Out of the UNC System, Jason was  |
| 3 Expand and leverage engagement of faculty technology transfer and translational research. | **Biology:** Seeking Faculty Senate approval for a new PSM (professional science master’s) concentration for fall 2014.  
**Chemistry:** Dr. Emrani developed a collaboration with School of Agriculture, a project to introduce new herbal crops with economic value to help in regional economic development.  |
| 4 Promote a vigorous STEM-oriented academic environment and increase the number of students in STEM programs. | **Biology:** MARC, RISE, i3, NSF BEACON; summer research program participation (IU-STEM, MSU, University of South Carolina, etc); SIPRA (NC A&T); NSF BEACON iGEM and NSF BEACON plant/bacteria student training awards  
**English:** Greg Meyerson will pilot English 100 course for STEM majors in the Fall of 2014 as part of the GSK STEM Center of Excellence grant.  |
| 5 Strengthen the capacity and quality of STEM-oriented graduate/professional degree programs and the number of overall graduate student enrollment. | **Biology:** Seeking Faculty Senate approval for a new PSM (professional science master’s) concentration for fall 2014.  |

**Goal 4: Embrace an entrepreneurial spirit that intentionally engages university and community partners to expand economic development and civic engagement.**

1. Become a driver of regional revitalization in economic development, health, education, culture, and civic quality.

• Biology: In coordination with the University of North Carolina System wide Professional Science Master’s Program, the Department of Biology has developed a curriculum (pending Faculty Senate approval) for an industry-related master’s concentration in the MS Biology graduate program. This concentration is intended to provide students with advanced technical skills and industry-guided knowledge to support commercial development within the region.  
• Chemistry: Received approval from the Faculty Senate level for its professional Master of Science concentrations in Applied and Developmental Chemistry for its MS in Chemistry degree program.  
• Chemistry: Dr. Emrani developed a collaboration with School of Agriculture, a project to introduce new herbal crops with economic value to help in regional economic development.  
• English; Dr. Jason DePolo was appointed by UNC General Administration as ELA (Writing) Specialist/Consultant to work with alignment teams for the State of North Carolina’s education initiative NC READY for Success.  Out of the UNC System, Jason was
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<td>one of four Composition Directors chosen.</td>
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<td>• Sociology &amp; Social Work: Over 180 undergraduate and graduate students provide more than 79, 200 hours of unpaid service to the region during the 2013-2014 AY to support the workplace in fields related to health, mental health, rehabilitation, and economic self-sufficiency.</td>
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<tr>
<td>2 Leverage the University’s talents to build the local community and to grow [the university].</td>
<td>• In Chemistry, Dr. Fakayode conducted Chemistry Magic Show experiments (acid-base chemistry; lava lamb, density, separation techniques) for the Smith High School, March 14th, 2004 to motivate the high school students. Fakayode also used the avenue to introduce the high school students to analytical instruments including, UV-Visible spectrometer, FTIR, spectrophotometer, GC, HPLC, GC-MS, TGA, NMR etc.</td>
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<tr>
<td>3 Support biological, life and environmental sciences, and be a leader in the region.</td>
<td>• Biology made 31 BS and 9 MS degree awards during the 2012-2013 AY.</td>
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<td>• EES awarded 3 Ph.D. degree awards during the 2012-2014 AY.</td>
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<td>• Faculty in Biology and EES authored 22 peer reviewed journal articles during the 2013-2014 AY.</td>
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<td>• Faculty in Biology and EES have received $1,067,000 in extramural funding during the 2013-2014 academic year.</td>
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<tr>
<td>4 Offer programs to credential adult workers.</td>
<td>• English/Speech: A Proposal for Online Master’s Program in Communication Sciences and Disorders is in development with major thrust areas in: Multiculturalism and It’s impact on Child and Adult Speech and Language Disorders and Globalization-global opportunities in speech-language pathology and audiology</td>
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<td>• Liberal Studies: Submitted Appendix F for a New Distance Learning Program Liberal Studies Online Degree Program</td>
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<td>o Proposal has been at posted at the UNC Website in excess of 30 days. Appendix G is forthcoming</td>
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<td>5 Strengthen K-12 programs through research, teaching, and outreach.</td>
<td>• Biology; Microbial fuel cell experiment with 9th grader from STEM Early College at NC A&amp;T (supervised by Dr. Harrison); luncheon and capstone seminar participation from STEM Early College students (spearheaded by Dr. Smith and Dr. Newman)</td>
</tr>
<tr>
<td></td>
<td>• Chemistry: Dr. Fakayode conducted Chemistry Magic Show experiments (acid-base chemistry; lava lamb, density, separation techniques) for the Smith High School, March 14th, 2004 to motivate the high school students. Fakayode also used the avenue to introduce the high school students to analytical instruments including, UV-Visible spectrometer, FTIR, spectrophotometer, GC, HPLC, GC-MS, TGA, NMR etc.</td>
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<td>• JOMC: The JOMC Department conducts each summer the Lights, Camera, Action workshop for young children between the ages of 10-13 to expose them to age-appropriate sessions on newswriting, multimedia journalism, on-air delivery, video production.</td>
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<td>• JOMC: Hosted the 16th Annual High School Media Day was held in October 2013 and included participants from high schools across North and South Carolina. Media professionals participated in a series of mini-workshops exposing students to journalism and mass communication and careers in media.</td>
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<td>Goals/Strategies</td>
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<td>• Mathematics: Hosts the annual state high school mathematics contest in MATH Level I and Level II which attracts about 120 local middle and high school students. Math majors also provide tutoring services to local elementary, middle or high schools.</td>
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<td>• Created opportunities for at North Carolina A&amp;T Middle College seniors and juniors to present research papers at the 1st Annual Gibbs History Conference April 1-2, 2014.</td>
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<td>6 Strengthen community college and other educational partnerships.</td>
<td>• Biology: MARC Collaboration with Roberson and Forsyth Technical Community Colleges</td>
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<td>• EES: Hired a two Guilford Tech CC students to work on an educational research project.</td>
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<td>• English: (a) Jason DePolo was chosen as member of the 2013-2014 Comprehensive Articulation Agreement (CAA) English Discipline Team, UNC General Administration. (b) Jason DePolo conducted CAA (Comprehensive Articulation Agreement) workshop for Community College English Departments in the Piedmont to assist them in Writing Curricula Revisions for Fall 2014.</td>
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<tr>
<td>7 Support high-quality interdisciplinary entrepreneurial endeavors.</td>
<td>• Chemistry &amp; EES: NSF CREST Bioenergy Center has a focus on development of intellectual property.</td>
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<td></td>
<td>• Chemistry: Dr. Harp is collaborating with Johnson &amp; Johnson and Proctor and Gamble Pharmaceutical companies in developing promising treatments that are now in clinical trials.</td>
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<td>Goal 5: Foster a more diverse and inclusive campus community by promoting cultural awareness and collegiality, and by cultivating respect for diverse people and cultures.</td>
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<td>1 Develop programs that demonstrate the value of global perspectives and support international collaborations, research alliances and partnerships.</td>
<td>• Political Science &amp; Criminal Justice: White House Initiative on Historically Black Colleges and Universities Delegation To Brazil. Dr. James Daniel Steele (Associate Professor, Department of Political Science and Criminal Justice, at North Carolina A&amp;T State University) visited Brazil from August 19 -30 as a member of a delegation organized by the White House Initiative on Historically Black Colleges and Universities. The visit sought to promote increased connectivity and partnerships between Brazilian and U.S. higher education institutions. Dr. Steele made presentations about NCA&amp;T as a Study Abroad destination before various universities and non-governmental organizations in the following Brazilian cities: Brasilia, Feira de Santana, Juiz de Fora, Belo Horizonte, Ouro Preto, Rio de Janeiro, and Salvador. (Taken from press release)</td>
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<td>• History: Working with the Melungeon Heritage Association to bring the 17th National Conference to NCAT in the summer of 2015</td>
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<td>• History: Partnering with the Iroquois Conference to bring their international conference to NCAT in the fall of 2016</td>
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<td>2 Provide students with global credentials through experiences abroad, international studies, and domestic and international internships.</td>
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<td>3 Develop curricula that impart global relevance that increases knowledge of</td>
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<td>Unit Accomplishments</td>
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<td>4 Exhibit and enhance educational and workplace practices that exemplify acceptance of differences in the heritage of beliefs of others, and supports opportunities to achieve professional and personal goals.</td>
<td>- JOMC: The student newspaper, <em>The A&amp;T Register</em>, is open to all students, staff and faculty, regardless of major area of study. The newspaper has entered a content-sharing partnership with The Nubian Message, N.C. State’s weekly African-American publication.</td>
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**Goal 6: Achieve excellence in academic and operational effectiveness and efficiency.**

| 1 Enhance institutional research to facilitate effective data-driven decisions, with dashboard measurements for tracking performance. | - Biology: Surveys are administered to all new students to determine educational background and career interest  
- Biology: Exit surveys are administered to all graduating seniors  
- Biology: Educational Field test are administered to all graduating seniors and results compared to national and peer-institution norms.  
- Chemistry administers exit surveys to all graduating seniors. |
|---|---|
| 2 Enhance and expand the performance-based management system for faculty, staff, and students. | - Peer reviews conducted on an annual basis.  
- All faculty must report accomplishments on “Digital Measures” |
| 3 Use best practices and technological enhancements to improve program effectiveness. | - Mathematics: Pilot testing both Math Emporium Model in MATH 101/102/103/104 and SCALE-UP Model in MATH 131 showed promise and potential to improve program effectiveness and efficiency. |
| 4 Enhance recruitment, retention, and graduation rates. | - CAS’s first year retention rate has risen 4.7% since the 2009 freshmen cohort and matches A&T’s current average 1st year retention of 80%.  
- CAS’s four year graduation rate has risen by 18% since the 2006 freshmen cohort and exceeds A&T’s current average 4 year graduation rate by 30%.  
- CAS’s six year graduation rate has risen by 15% since the 2004 freshmen cohort and exceeds A&T’s current average 6 year graduation rate by 7%.  
- These results are achieved by the college’s innovative and efficient approaches to instruction and student advising. |
| 5 Improve frontline capabilities and customer service. |  |
| 6 Create an accessible and welcoming campus environment. |  |

**a. Other accomplishments that don’t quite fit into the table above** (please provide a bulleted list)

**c. Indicate new strategic faculty and staff hires.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position/Department</th>
<th>Date of Hire</th>
<th>Relationship to Preeminence 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kelsie Bernot</td>
<td>Adjunct Faculty</td>
<td>Fall 2013</td>
<td></td>
</tr>
<tr>
<td>Sandra Fanning-Garner</td>
<td>Administrative Support</td>
<td>Fall 2013</td>
<td></td>
</tr>
</tbody>
</table>
### Specialist

<table>
<thead>
<tr>
<th>Specialist</th>
<th>Position/Program</th>
<th>Fall/Spring</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angela White</td>
<td>Lecturer Student Success Faculty</td>
<td>Fall 2013</td>
<td>Enhance student retention and success</td>
</tr>
<tr>
<td>Jordan Brunson</td>
<td>University Program Specialist (program coordinator) for Pre-Professional Scholars Program</td>
<td>Fall 2013</td>
<td>(I) Improve the Intellectual climate of the University and (II) Expand the University’s resources.</td>
</tr>
<tr>
<td>Felicia Russell</td>
<td>Public Health Specialist/Biology</td>
<td>Fall 2013</td>
<td>Community Outreach and Engagement, Collaborative Research and Partnership development</td>
</tr>
<tr>
<td>Corey Young</td>
<td>Data Analyst/ Biology</td>
<td>Spring 2014</td>
<td>Research development and Promotion</td>
</tr>
<tr>
<td>Dr. Zakiya Wilson</td>
<td>Associate Dean, College of Arts and Sciences</td>
<td>09/16/2013</td>
<td>Student Success and faculty Development</td>
</tr>
<tr>
<td>Dr. Sayo Fakayode</td>
<td>Associate Professor of Chemistry</td>
<td>7/1/2014</td>
<td>Develop and strengthen relationships to enhance University’s research portfolio and increase related funding. Expand faculty and student involvement in funded research.</td>
</tr>
<tr>
<td>Dr. Moussa Issifou</td>
<td>Student Success coordinator</td>
<td>Fall 2013</td>
<td>Focus on student success, retention</td>
</tr>
<tr>
<td>Dr. Claudia Drieling</td>
<td>African-American Studies</td>
<td>Fall 2013</td>
<td>The addition of this scholar strengthens this curriculum area.</td>
</tr>
<tr>
<td>Dr. Arwin Smallwood</td>
<td>Chair &amp; professor</td>
<td>Fall 2013</td>
<td>Leadership and scholarship in History.</td>
</tr>
<tr>
<td>Seongtae Kim</td>
<td>Assistant Professor</td>
<td>August 2013</td>
<td>Enhance STEM education and increase research productivity in biostatistics and data science</td>
</tr>
<tr>
<td>Choongseok Park</td>
<td>Assistant Professor</td>
<td>August 2013</td>
<td>Enhance STEM education and increase research productivity in biomathematics and neurosciences</td>
</tr>
<tr>
<td>Regina Linney</td>
<td>Administrative Support</td>
<td>10-01-13</td>
<td>Goal #6-Academic and Operational Effectiveness and Efficiency</td>
</tr>
</tbody>
</table>

### English

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Fall/Spring</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perpetua Muganda</td>
<td>Recognition</td>
<td>Faculty</td>
<td>Chosen to serve as Editor of <em>Apoptosis Methods in Toxicology</em>, a volume with <em>Methods in Pharmacology and Toxicology</em></td>
</tr>
<tr>
<td>Perpetua Muganda</td>
<td>Recognition</td>
<td>Faculty</td>
<td>Invited to serve on the Cancer Health</td>
</tr>
</tbody>
</table>

**d. List national/international awards, fellowships, and recognitions bestowed on faculty or staff.**

<table>
<thead>
<tr>
<th>Name</th>
<th>Accolade/Award</th>
<th>Faculty/Staff/Student</th>
<th>Brief Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perpetua Muganda</td>
<td>Recognition</td>
<td>Faculty</td>
<td>Chosen to serve as Editor of <em>Apoptosis Methods in Toxicology</em>, a volume with <em>Methods in Pharmacology and Toxicology</em></td>
</tr>
<tr>
<td>Perpetua Muganda</td>
<td>Recognition</td>
<td>Faculty</td>
<td>Invited to serve on the Cancer Health</td>
</tr>
<tr>
<td>Name</td>
<td>Recognition/Activity</td>
<td>Faculty/Role</td>
<td>Description</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------------------------------------------------------------------------------------</td>
<td>--------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Perpetua Muganda</td>
<td>Recognition</td>
<td>Faculty</td>
<td>Invited to serve on the Cancer Health Disparities/Diversity in Basic Cancer Research Study Section Meeting for April 17-18, 2014 in Washington, DC.</td>
</tr>
<tr>
<td>Catherine D. White</td>
<td>Outstanding Teaching Award Recipient for the College of Arts and Sciences</td>
<td>Faculty</td>
<td>Selected by the CAS Honors and Awards Committee to represent the college.</td>
</tr>
<tr>
<td>Catherine D. White</td>
<td>Wayne State University 2013 King-Chavez Parks Distinguished Visiting Professors Forum on Career Development. Wayne State University, Detroit, MI (September 2013)</td>
<td>Faculty</td>
<td>Presented a career talk to approximately 60 graduate students at Wayne State University titled ‘From Graduate School to the Professoriate: A Road Worth Traveling!’</td>
</tr>
<tr>
<td>Catherine D. White</td>
<td>Pre-Professional Scholars Program was selected to represent the NC A&amp;T Title III activities</td>
<td>Faculty</td>
<td>The UNC General Administration requested an impact statement on one of the University’s Title III activities. The Pre-Professional Scholars Program was selected to represent the NC A&amp;T Title III activities. The two page report was submitted March 26, 2014.</td>
</tr>
<tr>
<td>Dr. Zerihun Assefa</td>
<td>National Faculty Mentor Role Model – Diversity, Inc.</td>
<td>Faculty</td>
<td>Exemplary Achievement in Motivating, Counseling and Guiding others.</td>
</tr>
<tr>
<td>Valerie Nieman</td>
<td>Fellowship in Creative Writing, NC Arts Council</td>
<td>faculty</td>
<td>Valerie Nieman, an associate professor of creative writing, is one of 11 recipients of N.C. Arts Council literary fellowships for 2013-14. The N.C. Arts Council awards the $10,000 fellowships to writers every other year, to support new works and creative development. Nieman received the grant to support continued work on a transmedia novel-in-verse, <em>The Leopard Lady Speaks</em>. As part of that project, she studied sideshow performance and the art of carnival banners at the Coney Island Museum this summer, and painted banners for a stage performance of the poems.</td>
</tr>
<tr>
<td>Sandra Hughes</td>
<td>Brotherhood/Sisterhood Citation Award from NCCJ</td>
<td>Faculty</td>
<td>The award honors outstanding citizens who have improved their community.</td>
</tr>
</tbody>
</table>
and those who embody NCCJ’s values and objectives of promoting understanding and respect among all cultures, races and religions through advocacy, education and dialogue.

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Award Description</th>
<th>Role</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Linda Florence Callahan</td>
<td>Robert Knight Multicultural Award from (AEJMC) Association for Education in Journalism and Mass Communication</td>
<td>Faculty</td>
<td>The award recognizes any individual or organization that has made significant contributions to promoting diversity in high school or middle school media programs. The award is named after Robert P. Knight, a professor at the University of Missouri School of Journalism, who served as director of the Missouri Interscholastic Press Association from 1965 to 1992.</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Anthony G. Warrack 2013 ONR Summer Research Fellowship Faculty</td>
<td>Conduct Arctic Data Research at NUWCDIVNPT, Newport, RI with Dr. William S. Weiss</td>
<td></td>
</tr>
<tr>
<td>Kossi D. Edoh</td>
<td>2013 ONR Summer Research Fellowship Faculty</td>
<td>Study Agent-based modeling on fractally generated graphs at Naval SPAWAR Systems Center Atlantic, Charleston, SC</td>
<td></td>
</tr>
<tr>
<td>Anthony G. Warrack</td>
<td>2014 ONR Summer Research Fellowship Faculty</td>
<td>Conduct Arctic Data Research at NUWCDIVNPT, Newport, RI with Dr. William S. Weiss</td>
<td></td>
</tr>
<tr>
<td>Kossi D. Edoh</td>
<td>2014 ONR Summer Research Fellowship Faculty</td>
<td>Conduct Information Assurance and Security Research at Naval Surface Warfare Center, Dahlgren, VA</td>
<td></td>
</tr>
<tr>
<td>Nicholas Luke</td>
<td>2014 Junior Faculty Teaching Award Faculty</td>
<td>2014 University Junior Faculty Excellence Teaching Award</td>
<td></td>
</tr>
<tr>
<td>Sociology &amp; Social Work</td>
<td>Sharon Cook Certificate of Recognition at 100 Collegiate Women Celebrating Women’s History Month Faculty</td>
<td>Program was held on campus on March 25, 2014. Three women were recognized for their contributions to teaching and service.</td>
<td></td>
</tr>
</tbody>
</table>

e. List endowed professorships and dates of appointment. (E.g., Dr. Joan Wales, Tylenol Professor of Snoring, Fall 2010 to present)

- The News & Record - Janice Bryant Howroyd Endowed Professorship: Bonnie Newman Davis. Her three year appointment began August 2011 and will end May 2014.
- Justice Henry E. Frye Distinguished Professor Endowed Chair – Vacant
- Endowed Professorship in Health Psychology – Vacant
- The Nathan F. Simms Endowed Distinguished Professorship in the Biological Sciences – Vacant
c. List renowned scholarships or national fellowships earned by students (e.g., Marshall, Fulbright, Rhodes, etc.)

<table>
<thead>
<tr>
<th>Student’s Name</th>
<th>Department</th>
<th>Fellowship/Scholarship</th>
<th>Brief Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patrice Cagle</td>
<td>EES/Biology</td>
<td>NSF Graduate Research Fellowship</td>
<td>Prestigious award given to a very small percentage of applicants</td>
</tr>
<tr>
<td>Latasha Moseley</td>
<td>Chemistry</td>
<td>American Chemical Society-Hach Scholarship</td>
<td>This scholarship is awarded to Scholars who are committed to becoming a high school chemistry teacher and hold a GPA of 3.0 or higher. The scholarship is $12,000.</td>
</tr>
<tr>
<td>Latasha Moseley</td>
<td>Chemistry</td>
<td>American Chemical Society-Hach Scholarship</td>
<td>This scholarship is awarded to Scholars who are committed to becoming a high school chemistry teacher and hold a GPA of 3.0 or higher. The scholarship is $12,000.</td>
</tr>
<tr>
<td>Rhecia Goodley</td>
<td>Chemistry</td>
<td>American Chemical Society-Hach Scholarship</td>
<td>This scholarship is awarded to Scholars who are committed to becoming a high school chemistry teacher and hold a GPA of 3.0 or higher. The scholarship is $12,000.</td>
</tr>
<tr>
<td>Derick Jones</td>
<td>Chemistry</td>
<td>Research Initiative Science Enhancement Bridge Fellowship</td>
<td>Fellowship is awarded to master’s students who have interest in pursuing a PhD degree. The scholarship is $20,000.</td>
</tr>
<tr>
<td>William Dade</td>
<td>Chemistry</td>
<td>Research Initiative Science Enhancement Bridge Fellowship</td>
<td>Fellowship is awarded to master’s students who have interest in pursuing a PhD degree. The scholarship is $20,000.</td>
</tr>
<tr>
<td>Kashian Scrivens</td>
<td>English</td>
<td>ETS Presidential Scholarship</td>
<td>Kashian Scrivens, a senior English student with a concentration in African-American studies, traveled to Princeton, NJ, to deliver a presentation, “Just Like Music: Using Hip-Hop as a Means to Understand Poetry.” He was one of eight students to receive the ETS presidential scholarship for HBCU students. That award pays the tuition for a full school year, and one of the requirements is that winners must give a presentation related to their major at the Educational Testing Service headquarters. ETS administers and scores tests such as the GRE, SAT, and others.</td>
</tr>
<tr>
<td>Name</td>
<td>Department</td>
<td>Scholarship/Fellowship</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------------------</td>
<td>-------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Cierra Reid</td>
<td>English/Speech</td>
<td>Dowdy Scholarship</td>
<td>Academic</td>
</tr>
<tr>
<td>Chelsea Grate</td>
<td>English/Speech</td>
<td>Dowdy Scholarship</td>
<td>Academic</td>
</tr>
<tr>
<td>Kashian Scrivens</td>
<td>A&amp;T Register\English Department</td>
<td>Educational Testing Service Presidential Scholarship for HBCU Students</td>
<td>Recommendations are based on academic record, co-curricular activities, essay, recommendations and other application materials</td>
</tr>
<tr>
<td>Jessica N. Alexander</td>
<td>JOMC Department</td>
<td>Chips Quinn Scholars Program</td>
<td>The program, sponsored by the Freedom Forum, provides internships, training and $500 housing allowance to college students who are pursuing careers in print journalism. Internships are offered in Spring and Summer.</td>
</tr>
<tr>
<td>Kimberly Fields and Mariya Moseley</td>
<td>JOMC Department</td>
<td>Knight Foundation Fellowship</td>
<td>The fellowship was utilized to send students to the annual journalism conference sponsored by IRE (Investigative Reporters and Editors)</td>
</tr>
<tr>
<td>Destenie Nock</td>
<td>Mathematics</td>
<td>Mitchell Scholarship</td>
<td>Renowned scholarship named after Senator George Mitchell which funds a student to study in Ireland for one year</td>
</tr>
<tr>
<td>Destenie Nock</td>
<td>Mathematics</td>
<td>NSF Graduate Research Fellowship</td>
<td>Provides 3 years of funding for the PhD program</td>
</tr>
<tr>
<td>Nadine Jansen</td>
<td>Mathematics</td>
<td>NSF Graduate Research Fellowship</td>
<td>Provides 3 years of funding for the PhD program</td>
</tr>
</tbody>
</table>

**d. Indicate total number and value of graduate assistantships awarded during the academic year**

(e.g. 7 assistantships valued at $40,000).

**CAS awarded 121 graduate assistantships valued at $1,396,814**

Biology: 23 graduate assistantships valued at $207,564

Chemistry: 12 graduate assistantships valued at $115,000.

EES: 40 graduate assistantships valued at $600,000

English: 4 graduate assistantships valued at $40,000

JOMC: 1 graduate assistantship valued at $2,500

Mathematics: Twenty-four (24) Graduate Teaching Assistantships and four (4) Graduate Research Assistantships valued at $293,500

Physics: 8 graduate assistantships valued at $66,250
Sociology & Social Work: 5 graduate assistantships valued at $72,000

e. List highly cited faculty/staff (basic data can be obtained from scholar.google.com, then enter the faculty/staff name for the search).

Since 2009:
Dr. Robert Newman: 213 citations - Biology
Dr. Scott H. Harrison, 296 citations – Biology
Dr. Zerihun Assefa, 514 citations – Chemistry
Dr. Sayo Fakayoda, 1068 citations - Chemistry

f. List any new degrees and/or certifications earned by faculty.


g. Use the table below to list faculty community engagement activities.

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Project</th>
<th>Community Partner</th>
<th>Accomplishments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Checo J. Rorie (Biology)</td>
<td>Took students from Undergraduate Student Ambassadors (USAs) for Biology to speak to high school</td>
<td>Triad Math and Science Academy</td>
<td>Spoke to approximately 100 high school students about college and attending NCATSU</td>
</tr>
<tr>
<td>Checo J. Rorie (Biology)</td>
<td>Judge for Robotics Competition</td>
<td>First Lego League (FLL)</td>
<td>Judged Robots constructed by K-2nd graders across NC</td>
</tr>
<tr>
<td>Checo J. Rorie (Biology)</td>
<td>Judge for Robotics Competition</td>
<td>First Tech Challenge (FTC)</td>
<td>Judged Robots constructed by high schoolers across NC</td>
</tr>
<tr>
<td>Dr. C. White &amp; Dr. R. Newman (Biology)</td>
<td>Day in the Lab Activity for middle and high school students interested in science</td>
<td>Ebenezer United Church of Christ</td>
<td>On February 22, approximately 22 students from Guilford County schools and 10 parents/chaperones attended a ‘Day in the Lab’ event hosted by Dr. C. Dinitra White and Dr. Rob Newman. Students participated in a ‘forensics’ activity based on a case study developed by high school students who participated in the Students Hot on the Sciences Program in 2012. Students conducted an Enzyme-linked Immunosorbant Assay to solve the problem presented in</td>
</tr>
<tr>
<td><strong>Chemistry</strong></td>
<td><strong>Marion Franks</strong></td>
<td>National Chemistry Week Celebration</td>
<td>Girl Scouts of America</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>Marion Franks</strong></td>
<td>Black History Month Reading Program</td>
<td>Shiloh Baptist Church, Winston-Salem</td>
<td></td>
</tr>
<tr>
<td><strong>Tanya Pinder Sayo Fakayode Margaret Kanipes</strong></td>
<td>National Chemistry Week Celebration</td>
<td>Girl Scouts of America</td>
<td></td>
</tr>
<tr>
<td><strong>Julius L. Harp</strong></td>
<td>Overseer for Bethel Campus Fellowship at NC A&amp;T</td>
<td>Numerous Campus Students</td>
<td></td>
</tr>
<tr>
<td><strong>Julius L. Harp</strong></td>
<td>Mentored Trouble Young Men</td>
<td>Greater Triad Area</td>
<td></td>
</tr>
<tr>
<td><strong>English</strong></td>
<td><strong>Nieman, V</strong></td>
<td>Rowan Reading Rendezvous</td>
<td>Rowan Public Library</td>
</tr>
<tr>
<td><strong>Nieman, V.</strong></td>
<td>A Gathering of Poets</td>
<td>Press 53, Community Arts Cafe</td>
<td></td>
</tr>
<tr>
<td><strong>Rippin, R.K.</strong></td>
<td>Poetry Out Loud</td>
<td>Co-coordinator and judge</td>
<td></td>
</tr>
<tr>
<td><strong>Rohrbacher</strong></td>
<td>Poetry Out Loud</td>
<td>Co-coordinator and judge</td>
<td></td>
</tr>
<tr>
<td><strong>English/Speech</strong></td>
<td><strong>Deana Lacy McQuitty</strong></td>
<td>Annual Autism Walk at UNCG</td>
<td>Autism Society of North Carolina</td>
</tr>
<tr>
<td><strong>June Bethea</strong></td>
<td>Family Fun Day</td>
<td>National Stuttering Foundation</td>
<td></td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td><strong>Janis Oldham</strong></td>
<td>NC Ready for Success Alignment Fellow</td>
<td>NC Ready for Success- a consortium of NC Community Colleges, UNC system, ON Independent Colleges and Universities, &amp; the Public Schools of North Carolina</td>
</tr>
<tr>
<td><strong>John P. Roop</strong></td>
<td>Test Proctoring</td>
<td>Southeast Middle School, Kernersville, NC</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Position</td>
<td>Organization</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------------------------------</td>
<td>--------------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Samuel Casterlow</td>
<td>Semester Karate Class/Self-Defense</td>
<td>Campus Recreation Center</td>
<td>Organized, implemented and now instruct a Karate class for NCAT Students/Faculty/Staff for two semesters per year.</td>
</tr>
<tr>
<td>Samuel Casterlow</td>
<td>Semester Karate Class/Self-Defense</td>
<td>Hayes-Taylor YMCA</td>
<td>Organized, implemented and trained a NCAT-Student to instruct a Karate class for Hayes-Taylor YMCA Members/Guests/Faculty/Staff for a year-round program while serving as Program Coordinator and Faculty Adviser.</td>
</tr>
<tr>
<td>Political Science &amp; Criminal Justice</td>
<td>Moral Monday</td>
<td>NC NAACP</td>
<td>Advisor</td>
</tr>
<tr>
<td>Derick Smith</td>
<td>Interim Civilian Police Review Board</td>
<td>Various NGO's</td>
<td>Creation of interim body; first chair</td>
</tr>
<tr>
<td>James P. Mayes</td>
<td>Peace Education Program</td>
<td>Prem Rawat Foundation, Various correctional agencies</td>
<td>Introduction of new treatment programs in correctional facilities</td>
</tr>
<tr>
<td>James P. Mayes</td>
<td>National African American Drug Policy Coalition</td>
<td>State chapter</td>
<td>Advocacy, research and coalition building</td>
</tr>
<tr>
<td>James P. Mayes</td>
<td>Black S.M.I.T.H.</td>
<td>Hampton Elementary School</td>
<td>mentoring</td>
</tr>
<tr>
<td>James P. Mayes</td>
<td>National African American Drug Policy Coalition</td>
<td>Various NGO’s</td>
<td>Creation of interim body; co-chair</td>
</tr>
<tr>
<td>Sociology &amp; Social Work</td>
<td>Children on the Run</td>
<td>UNHCR</td>
<td>Assisted in supporting research conducted by UNHCR – deliverable is a research report</td>
</tr>
<tr>
<td>Maura Nsonwu</td>
<td>Congolese Women at Risk</td>
<td>University Texas at Austin</td>
<td>Received external funding to conduct research – deliverable is research report</td>
</tr>
<tr>
<td>Sharon Warren Cook</td>
<td>Dropout Prevention</td>
<td>Communities in Schools</td>
<td>Article in the Winston-Salem Journal on April 2, 2014 recognized Communities in Schools of Forsyth County for its work to reduce reportable acts, suspensions and expulsions from previous years. The number of reportable acts decreased for the second consecutive year. Schools reported 765 acts in 2010-11, 484 acts in 2011-12, and 393 in 2012-13. The dropout data were included in the States 2012-13 Consolidated Data Report. The report compiles information about school crime</td>
</tr>
</tbody>
</table>
and violence, suspensions, expulsions and dropouts. State law requires school systems to report crimes and acts of violence each year.

<table>
<thead>
<tr>
<th>Name</th>
<th>Event</th>
<th>Organization/Group</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jeffrey Shears</td>
<td>Spit in anger documentary</td>
<td>Guilford Co. Fatherhood Coalition/Phi Beta Sigma Fraternity</td>
<td>Had a community event where over 175 community people attended the debut of the spit in anger documentary.</td>
</tr>
<tr>
<td>History</td>
<td>Quiz Bowl</td>
<td>Black Child Development Institute of Greensboro, Inc.</td>
<td>Faculty helped NCAT students create a quiz bowl for high school-age students at the Center</td>
</tr>
<tr>
<td>Arwin Smallwood</td>
<td>Upward Bound Banquet</td>
<td>Upward Bound</td>
<td>Presenting as Keynote Speaker at annual banquet</td>
</tr>
<tr>
<td>Dwana Waugh, Arwin Smallwood</td>
<td>Gibbs Conference</td>
<td>NCA&amp;T Middle College</td>
<td>Directed junior and senior students on presenting historical research papers</td>
</tr>
</tbody>
</table>

**CHALLENGES/OPPORTUNITIES**

Share the challenges encountered in the past academic year and the actions taken to overcome them. Also, indicate which of these challenges are ongoing for the coming year, or any new challenges that are forthcoming. Describe the opportunities that may arise from the challenges you have presented. (I provided for listing four challenges; please add more rows if you need them.)
Challenges encountered:

Funding: The College of Arts and Sciences has the lowest per FTE student instructional funding at the University:

The funding levels for CAS departments compared to CAS departments at our UNC and BOG peers are equally challenging.

This chronic underfunding of CAS is the most serious obstacle for both CAS and the University to making progress on the University’s number one and number three goals, to improve the intellectual climate of the University and position A&T to be a national, premier research-intensive, doctoral, science and technology focused-learning institution.
**Challenge encountered:** CAS Faculty Salaries:

CAS faculty salaries average 15% below the University’s average faculty salaries which is a serious impediment to CAS’s efforts to meet one of the University’s strategies for achieving A&T Preeminence 2020’s first goal, to recruit and retain top talent. It is also—since teacher quality is an important element in student success and because of CAS’ role in general, science and mathematics education for A&T—another threat to achieving progress on the University’s number one goal of improving the intellectual climate of the University.

**Action taken to overcome it:** CAS used a portion of the funds it received for raises in 2012-2013 to address particularly glaring salary inequities.

**Is the challenge resolved or ongoing?** Ongoing.
programs graduate fewer than 10 students per year.

**Action taken to overcome it:** (1) Discontinuation of low producing undergraduate degree programs and concentrations. (2) Increased and better focused recruitment efforts for undergraduate and graduate programs. (3) Increased availability of graduate assistantships and graduate tuition remission from both state and extramural sources.

**Is the challenge resolved or ongoing?** Ongoing.

**Challenge Encountered:** Since the start of interdisciplinary graduate programs on campus about 7 years ago, a model for providing effective incentives to traditional departments and faculty members in them to work with interdisciplinary graduate programs has not been developed and implemented. This challenge will result in decreasing enrollments in the Energy & Environmental Systems PhD program unless it is resolved.

**Action taken to overcome it:** The Energy & Environmental Systems Department has drafted an Interdisciplinary Graduate Program Policy and advocated for its passage by the Dean’s Council.

**Is the challenge resolved or ongoing?** The challenge is ongoing.

**Forthcoming challenges/opportunities**

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Very high use of part-time adjuncts in freshmen and sophomore general education courses.</td>
</tr>
<tr>
<td>2</td>
<td>Inadequate support for faculty development.</td>
</tr>
<tr>
<td>3</td>
<td>Inadequate support for technology applications in the classroom and research.</td>
</tr>
<tr>
<td>4</td>
<td>Inadequate science and mathematics classroom and research facilities.</td>
</tr>
<tr>
<td>5</td>
<td>Difficulty in recruiting and retaining high quality chairpersons and research faculty.</td>
</tr>
</tbody>
</table>
## PART 2

*(FOR ACADEMIC AND ADMINISTRATIVE UNITS ENGAGED IN TEACHING, RESEARCH, AND ENGAGEMENT/SERVICE)*

### a. List grants awarded related to teaching (earned by the department or its faculty).

**CAS Extramural Awards for the 2013-2014 AY as of April 21, 2014**

<table>
<thead>
<tr>
<th>AWARD NO</th>
<th>AWARD TITLE</th>
<th>AWARD AMOUNT</th>
<th>DEPT</th>
<th>CURRENT PI</th>
<th>SPONSOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>A11-0056-004</td>
<td>Basic Immune Mechanism</td>
<td>$63,327.00</td>
<td>Biology</td>
<td>Byrd, Goldie</td>
<td>DHHS-NIH-NIAID-NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASE</td>
</tr>
<tr>
<td>A07-0043-010</td>
<td>MBRS RESEARCH INITIATIVE FOR SCIENTIFIC ENHANCEMENT AT NCA&amp;TSU</td>
<td>$519,986.00</td>
<td>Biology</td>
<td>Byrd, Goldie</td>
<td>US DEPT. OF HEALTH &amp; HUMAN SERVICES</td>
</tr>
<tr>
<td>A15-0001-001</td>
<td>RCN-UBE Incubator: Development of a Build-a-Genome Network to Teach Synthetic Biology at Diverse Undergraduate Institutions</td>
<td>$50,000.00</td>
<td>Biology</td>
<td>Newman, Robert</td>
<td>National Science Foundation (NSF)</td>
</tr>
<tr>
<td>A13-0017-002</td>
<td>Meprins in ischemia reperfusion induced renal injury</td>
<td>$103,134.00</td>
<td>Biology</td>
<td>Ongeri, Elimelda</td>
<td>NIH National Institute of General Medical Sciences (NIGMS)</td>
</tr>
<tr>
<td>A14-0037-001</td>
<td>A Collaborative Initiative for Designing and Implementing Innovative Strategies to Build the Underrepresented Minority Pipeline to the PhD in the Biomedical Sciences.</td>
<td>$213,750.00</td>
<td>Biology</td>
<td>Smith, Mary</td>
<td>NIH National Center on Minority Health and Health Disparities (NCMHD)</td>
</tr>
<tr>
<td>A09-0061-006</td>
<td>Seeding Postdoctoral Innovators in Research and Education</td>
<td>$3,500.00</td>
<td>Biology</td>
<td>Smith, Mary</td>
<td>UNC-CHAPEL HILL</td>
</tr>
<tr>
<td>A14-0065-001</td>
<td>Research Initiation Award: Optimization of Heavy Metal Ions Remediation from Kaolinite Soil Using Molecular Micelle Chelators</td>
<td>$91,368.00</td>
<td>Chemistry</td>
<td>Fakayode, Sayo</td>
<td>National Science Foundation (NSF)</td>
</tr>
<tr>
<td>A14-0077-001</td>
<td>American Chemical Society - Hach Land Grant Scholarship</td>
<td>$12,000.00</td>
<td>Chemistry</td>
<td>Kanipes-Spinks, Margaret</td>
<td>American Chemical Society (ACS)</td>
</tr>
<tr>
<td>A09-0062-005</td>
<td>Seeding Postdoctoral Innovators in Education</td>
<td>$7,000.00</td>
<td>Chemistry</td>
<td>Kanipes-Spinks, Margaret</td>
<td>UNC-CHAPEL HILL</td>
</tr>
<tr>
<td>Project Code</td>
<td>Title</td>
<td>Principal Investigator(s)</td>
<td>Award Amount</td>
<td>Institution(s)</td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>A14-0016-001</td>
<td>Investigation of the Relationship between Convection and African Easterly Waves using NASA Satellite and Reanalysis Datasets</td>
<td>Mekonnen, Ademe</td>
<td>EES</td>
<td>North Carolina Space Grant Consortium (NC Space Grant)</td>
<td></td>
</tr>
<tr>
<td>A12-0016-005</td>
<td>Effective Global Climate Change Education and Research for Minorities</td>
<td>Schimmel, Keith</td>
<td>EES</td>
<td>NASA-NASA HEADQUARTER S-FAR-FEDERAL ACQUISITION REGULATION</td>
<td></td>
</tr>
<tr>
<td>A13-0093-002</td>
<td>Dynamics of Orographic Rain Associated with Landfalling Hurricanes over the Central and Southern Appalachian Mountains</td>
<td>Lin, Yuh Lang</td>
<td>Physics</td>
<td>National Science Foundation (NSF)</td>
<td></td>
</tr>
<tr>
<td>A14-0058-001</td>
<td>Alaska Climate Downscaling of CMIP5 Simulations</td>
<td>Zhang, Jing</td>
<td>Physics</td>
<td>University of Alaska Fairbanks</td>
<td></td>
</tr>
<tr>
<td>A13-0101-002</td>
<td>Collaborative Research: Impact of Storm Activity on Recent Changes in Arctic Sea Ice MassBalance</td>
<td>Zhang, Jing</td>
<td>Physics</td>
<td>University of Alaska Fairbanks</td>
<td></td>
</tr>
<tr>
<td>A14-0006-001</td>
<td>Collaborative Research: What role do glaciers play in terrestrial sub-arctic hydrology?</td>
<td>Zhang, Jing</td>
<td>Physics</td>
<td>NSF OPP Artic Sciences (ARC)</td>
<td></td>
</tr>
<tr>
<td>A13-0010-002</td>
<td>High Precision Experiments to Study Light Neutral Meson Radiative Decay Rates and the Proton Charge Radius Using Electromagnetic Probes</td>
<td>Gasparian, Ashot</td>
<td>Physics</td>
<td>National Science Foundation (NSF)</td>
<td></td>
</tr>
<tr>
<td>A09-0131-002</td>
<td>ARI-MA Collaborative Research: Nuclear Data Measurements Using Gamma Rays and Radiation Detector Development</td>
<td>Pedroni, Ronald</td>
<td>Physics</td>
<td>DEPARTMENT OF HOMELAND SECURITY</td>
<td></td>
</tr>
<tr>
<td>A12-0037-004</td>
<td>Overcoming barriers to HIV prevention: an examination of potential unintended consequences to HIV prevention messages</td>
<td>Corneille, Maya</td>
<td>Psychology</td>
<td>University of California at San Francisco (UCSF)</td>
<td></td>
</tr>
</tbody>
</table>

b. List all off-campus programs or classes taught (different address, e.g. Gateway campus or Yanceyville, a public school location, etc.—title of degree and location of the program).
• Biology: The new Center for Outreach in Alzheimer’s, Aging and Community Health (COAACH) will be offering an Alzheimer’s Support Group meeting on Every 3rd Monday of the month. Several workshops for caregivers and aging adults will be offered throughout the year to promote healthy aging.

c. List all online programs—title of degree and when started.

d. List major curricula changes, e.g., new programs/certificate programs

• Biology: Gerontology Certificate Program – planned to be offered Fall 2014
• Chemistry: The Professional Science Master’s program in Developmental and Applied Chemistry has been developed and the curriculum approved at the Senate level. The objective of the program is to advance technical skills, industry-guided knowledge, and business management to students for career opportunities in businesses utilizing chemical and/or biochemical processes and instrumentation. Participants will have the opportunity to pursue training in various project areas relevant to industrial firms, and research oriented institutes on projects that would be developed jointly with participant companies and firms. These may include; manufacturing sectors, quality control, biotechnology, toxicology, and research centers. A new course CHEM 770 has been developed to allow participants internship in various companies.
• Chemistry: The Accelerated Bachelor's/Master's (ABM) degree program in Chemistry has also been initiated to allow undergraduate student at North Carolina A&T State University the opportunity to complete the requirements for both the bachelor's and master's degrees at an accelerated pace. A student accepted into the Chemistry ABM program will be permitted, as an undergraduate student, to take up to 12 credit hours of graduate courses that may also be used to satisfy requirements for his/her undergraduate degree. This will allow a student to complete the master's degree in Chemistry within approximately 12 months of completing the bachelor's degree in chemistry.

e. List technology changes in classrooms, e.g., new labs.

• Mathematics: Rooms 201-211-213-215 of Marteena Hall have been renovated into a Math & Science Emporium Active Learning Facility equipped with three high-resolution project systems, two smartboards, two white board, ten hexagon tables each with six thin-client computers and six rolling chairs.

f. List teaching and program collaborations with other units on campus or off campus.
• Biology faculty (Kelsie Bernot, Randall Hayes) initiated a collaboration with Maura Nsonwu (Department of Sociology and Social Work, NCA&T) and faculty at Guilford College (Melanie Lee-Brown, Biology; Andrew Young, Bonner Center for Community Service and Learning and The Center for New North Carolinians; and Daniel Rhodes, Justice and Policy Studies) to develop an interdisciplinary, inter institutional service learning project focused on immigrants / refugees / and underrepresented groups in the Guilford County area. We have written a joint proposal to attend the Science Education for New Civic
• RISE Program hosted the North Carolina RISE Consortium Retreat – February 21-22, 2014 (RISE Programs from University of North Carolina - Pembroke, Fayetteville State University and North Carolina Central University
• As an interdisciplinary graduate program, Energy & Environmental Systems collaborates in the offering of courses with multiple departments in CAS, SAES, COE, SBE, and SOT.
• English/Speech:
  o Green Briar Rehab Center
  o Maple Grove Rehab Center
  o Hayes Taylor YMCA Kiddie Kollege
  o Guilford County Schools
  o Guilford County Charter Schools
  o Moses Cone Rehab Center
  o Beloved Community Center
  o Forsyth County Public Schools
  o Borvier Kelly Public Relations Firm

g. List major faculty development activities, and total $ spent in 2013-2014.

Biology
• Dr. Han - Female Faculty writing retreat, June 1-3, 2013, Chapel Hill
• Dr. Han - North Carolina Biosciences collaborative symposium, August 1-2, 2013, Durham
• Dr. Han - Emerging Researchers National Conference in STEM. February 2014 Washington, D.C.
• Dr. Muganda - Attended Sixth AACR Conference: The Science of Cancer Health Disparities in Ethnic Minorities and the Medically Underserved, Atlanta, GA; December 6-9, 2013
• Dr. Muganda - Chosen to attend Pittsburgh Supercomputing Bioinformatics Workshop, June 16-28, 2014.
• Dr. White - AAC&U-PKAL Conference: oral presentation title ‘Engaging Undergraduate Minority Students in STEM through Research-Based Learning’, San Diego, CA (October 2013) (Biology Department support)

• Dr. White - National Pipeline Learning Institute/ American Dental Education Association Fall Session – 2012-2013 NLI grant awardees attended an in-person meeting to review program efforts and plan for ways to maintain their roles as leaders in the Dental Pipeline effort. Oklahoma City, OK (October 2013) (~$800.00 from parent NLI grant)

• Dr. White - American Dental Education Association Annual Conference/ NLI In-Person Workshop: All National Learning Institute partners attended the ADEA Annual Conference and participated in a workshop to review project progress, brainstorm ideas for enhancing NLI programs and share ideas on best practices for marketing programs and ensuring sustainability. San Antonio, TX (March 2014) (~$700.00 from parent NLI grant)


• Dr. Roy Coomans was selected to attend the 2013 Project Kaleidoscope Summer Leadership Institute for STEM Faculty in Crestone, Colorado, 23-28 July 2013 ($2,989.49) registration and travel, Dept. of Biology)

• Dr. Roy Coomans attended the NEXUS Quantitative Biology Workshop, Univ. of Maryland Baltimore County, 4 August 2013 ($600.42 travel, Dept. of Biology)

• Dr. Roy Coomans attended the 10th Annual Teaching and Learning Conference, Elon University, 15 August 2013

• Dr. Roy Coomans attended the North Carolina Project Kaleidoscope Regional Network Fall Meeting, NCA&TSU, 7 October 2013

• Dr. Roy Coomans attended the Second Annual Freshman Research Initiative Conference, Austin, Texas, 26-28 March 2014 ($1,585 registration and travel, Dept. of Biology)

• Dr. Mary Smith participated in the North Carolina Project Kaleidoscope Regional Network Fall Workshop in Pembroke NC, Fall 2013.

• Mary Smith – PULSE Ambassadors Leadership Training Workshop at Washington University - St. Louis January, 30, 2014 - Feb 2, 2014

• Mary Smith – GEP Alumni Workshop- HHMI-Genomics Education Partnership Meeting Faculty Alumni Workshop -Biology Dept and Genome Center of Washington University in St. Louis

Chemistry sponsored faculty development activities during the 2013-2014 AY. ($1,800)

English
  o A faculty retreat in August included sessions on advising, assessment, and working with the STEM disciplines: how English and the STEM disciplines can coordinate with and complement each other in areas of critical thinking, effective writing, and scientific literacy. $500.00.
  o 2014 Symposium on Composition at the HBCU, a national event co-sponsored by Bedford/St. Martin’s, co-produced by Dr. Faye Spencer-Maor and Dr. Jason DePolo.
Most of the Department faculty attended this April 2014 event. The Symposium was sponsored by Bedford/St. Martin’s Press with expenditure of approximately $50,000.

- Drieling, C. Digital Humanities Workshop (selected participant), Modern Language Association, Chicago, January 2014
- Nieman, V. Participated in the Queens University MFA program Alumni Weekend, a biennial career development event for graduates of the program, Fall 2013.
- Nieman, V. Traveled to the Coney Island Museum Summer 2013 with support from a Regional Arts Grant and took a banner painting workshop as part of her research for a work-in-progress, a novel in verse titled “The Leopard Lady Speaks.”
- Nieman, V. Took part in an online seminar, “Stimulating Innovation through E-Portfolios.”
- Nieman, V. attended the one-day Creative Capital workshop in Cary, NC, and formed networks with other creative artists in the area.
- Solomon, M. Elon’s 10th Annual Teaching and Learning Conference
- Solomon, M. 2013 NC A & T’s Academy for Reaching and Learning Summer Institute
- Solomon, M. "The Relevance of HBCU's Today" Panel Discussion
- DePolo, Jason, Presented and attended the College Conference on Composition and Communication in Indianapolis, Indiana.
- Hendricks, Marlene, Chaired and attended sessions at the college Conference Composition and Communication in Indiana.

JOMC

- Bonnie Newman Davis served as the chairperson for the committee to establish a New Media Institute (IME) at North Carolina A&T State University
- Bonnie Newman Davis sought/received funding for the following initiatives:
  - Knight Challenge Grant, $400,000. August 2012. Not Funded
  - Online News Association Challenge Grant, February 2014. Decision Pending.
  - $5,000 sponsorship for Bonnie Newman Davis to work on a book. Pending
  - ATL Professional Development Grant, Dec. 11, 2013, $1,783
  - Dominion Foundation, $3,000 (2012, 2013, 2014) (To assist the NABJ Short Course in 2012 and 2013, to assist student travel to the NABJ Region III Conference in Charleston, S.C.
  - Donna Scott James, $500 (2013), for the JOMC Journal
  - John Rich, $1,700 (Cash and In-Kind) 2013
  - 47th Annual NCCJ Award Dinner (Five (5) Students Sponsored)
  - NABJ Chapter Grant, $250
  - Bryan Lecture Series $200
  - Bonnie Newman Davis $500 for two (2) students to travel to Washington, D.C., NABJ Health Disparities Conference, March 2013
  - John Rich, donation of refreshments (value $150—$200 for faculty meeting, Feb. 25, 2014
  - John Rich, $1,402 for eight students and two faculty members to travel to Washington, D.C., NABJ Health Disparities Conference, March 2014
• Dr. Teresa Styles developed and led JOMC faculty committee charged to create a health communication certificate for mid-careers professionals with a separate model for undergraduates.

• Dr. Sheila Whitley attended:
  o *Writing Retreat for Female Faculty* at the Aqueduct Conference Center in Chapel Hill, NC was hosted by NC A&T State University on June 3-5, 2013.
  o *2013 10th Annual Summer Conference Innovation Instruction* at Elon University on August 15, 2013.
  o *2013 ATI Summer Teaching Institute*, at North Carolina A&T State University May 20 – June 24, 2013. The theme for the sessions was CATs and CoLTS Summer Learning Community. The learning community met every Wednesday and discussed lesson plans created using the CATs and CoLTs teaching methods.
  o *Writing Boot Camp* hosted by NC A&T State University on May 17, 2013.
  o *Seizing Your Future Symposium: Mentoring Female Faculty at HBCU’s for Success in Academia* at Grandover Hotel in Greensboro, NC and hosted by NC A&T State University on May 16, 2013.

Mathematics:

1. Math Faculty Pre-Fall Semester Retreat, Gateway North Campus, August 19, 2013, $900 for room reservation, meals and supplies for over 20 faculty members (Math Department)

2. 8 math faculty members participated in the Fall 2013 NC PKAL STEM Network Meeting: Promoting STEM Student Success, Engagement, and Retention, NC A&T State University, Greensboro, NC, October 7, 2013


4. 4 math faculty members participated in the 2013 NCCTM Annual Conference, Greensboro, NC, October 25, 2013, $300 for conference registration (NSF HBCU-UP TIG)

5. Travel support for Dr. Katrina Staley to attend ACCU/PKAL Network for Academic Renewal Conference on Transforming STEM Education held on October 31-November 2, 2013 in San Diego, CA, $2,000 (NSF HBCU-UP TIG)

6. Travel support for Dr. Alexandra Kurepa to attend (1) the Mentoring Conference 2013, UNM Mentoring Institute, October 29- November 1, 2013, Albuquerque, NM, and (2) the Joint Mathematics Meeting, January 15-18, 2014, Baltimore, MD, $2,600 (NSF S-STEM)

7. Travel support for Dr. Seong-Tae Kim to participate in Quantitative Biology Workshop at MIT, 1/6/2014-1/10/2014, Boston, MA, $1,450 (NSF HBCU-UP)

8. Travel support for Drs. Bampie Bangura, Shea Burns, Kathy Cousins-Cooper and Katrina Staley to attend the 2014 NCTM Annual Conference on April 10-12, 2014, $8,000 (NSF HBCU-UP TIG)
9. Math Emporium Workshop, NC A&T State University, February 6, 2014, $500 (workshop conductor fees) (Math Department)

Mathematics Faculty Development Total spent: $16,050

h. List non-degree program(s) offered to train/retrain workers (e.g., stand-alone certificates or continuing education).

i. List student engagement initiatives, e.g., service-learning, community service, etc. (new and continuing)

- BIO101 Service Learning Project - community partners will vary by semester/year, but this experiential project will engage students in applying the scientific method to real world problems.
- Dr. Rorie - Undergraduate Student Ambassadors (USAs) for Biology was established from honors and scholarship recipients; USAs performed outreach by traveling to local schools (Triad Math and Science Academy) to promote STEM/Biology education; USAs served as peer mentors for new freshmen.
- Dr. Rorie - Tau Phi Chapter of Tri-Beta participated in the Crop Walk 5. Tri-Beta participated in the Block Walk for Breast Cancer awareness; Tri-Beta participated in the March for Dimes.
- RISE Scholar, Kayla Harris – Campus Farmer’s Market participant.
- Dr. C. White - The PPSP initiated the PPSP-Certified Nursing Assistant (PPSP-CNA) program for pre-health students. Ten (10) qualified students were selected from twenty-five (25) applicants to participate in this daylong CNA certification course hosted by the CNA Now Study Group. Upon completion of the course, all participants were required to complete the CNA certification exam and actively search for employment to gain hands-on medical experience. A survey revealed that all participants strongly agreed (86%) or agreed (14%) that participation in the program allowed them to gain a better understanding of the responsibilities and healthcare roles of a Certified Nursing Assistant. Moreover, 100% of feedback given stated they would suggest the class to others interested in healthcare. $2000 in Title III funds were used to fund this program.
- Dr. C. White - MCAT Preparation Program; The PPSP MCAT Prep Program, implemented in the Fall of 2014, is designed to help Junior and Senior NC A&T students prepare for the rigorous Medical College Admissions Test. This structured five month program focuses on "Game Day" preparation, building strong test taking skills through AAMC Section Assessments and Practice Test, for NC A&T Pre-Medical students planning to take the MCAT in Spring/Summer of 2014. Eight students were selected to participate in this newly implemented program that will track the individual progress of each student throughout the five months. A pre-survey showed that 6 out of the 9 students selected to participate had never experienced any form of a MCAT exam, confirming the need for this program.
- Dr. C. White - Professional School Recruitment Sessions, The PPSP held over six (6) professional school program recruitment sessions with representatives from Massachusetts Institution of Technology, Columbia University, Yale, Harvard, Johns Hopkins, University of
Dr. C. White - **ELIMU Learning Center –Tutoring Program for Guilford County Refugee Children.** The Pre-Professional Scholars Program partnered with Mrs. Esther Idassi, Founder/CEO of ELIMU Empowerment Services, to develop the ELIMU Learning Center – Tutoring Program for Guilford County Refugee Children. The program was developed to provide academic remediation and enrichment, homework assistance, character development and English language enhancement for middle and high school students through one-on-one interactions with NC A&T student tutors (many tutors are active members of student organizations supported by the Pre-Professional Scholars Program). Approximately 12 NC A&T students currently participate in the program. We are also in the midst of developing a collaboration with the NC A&T Education Department to allow future teachers to work with the ELIMU students in order to gain hand-on experience in curriculum development, classroom management and to develop a global perspective on education.

**Dr. C. White: Recruitment and Retaining High Quality Students**

- **Preparing Tomorrow’s Dentist;** The Preparing Tomorrow’s Dentist Professional Development Program was a daylong program at a private pediatric dental practice where 25 of 54 applicants participated in hands-on activities with private practitioners, faculty and dental students. All respondents strongly agreed (76%) or agreed (24%) that they gained a better understanding of dentistry. Furthermore, 76% found the interactions with program coordinators, dental students and dental facilities to be highly beneficial. Importantly, 100% indicated they would recommend the program to a friend.

- **Cultivating Law Skills for Law School Workshop Series;** Developed to cultivate NC A&T students thinking, writing, reading, and analyzing skills for future success in the field of law, the PPSP collaborated with Professor Christine Coughlin from Wake Forest School of Law to implement this Law Skills Workshop Series. Thirty students participated in these workshops which augmented skills needed for successful matriculation into law school by exposing students to the law school class format of active learning through use of the Socratic Method; reading a simple case and discussing it using the Socratic dialogue; examining the theory of legal education and extracting key information from cases; and writing a memo based on reading a statute and analysis of a case. $4500 of Title III Funds were used to fund the production of this program in consultant work from Professor Christine Coughlin and Mrs. Erin Easley.

- **Pre-Law Professional Development Workshop Series;** The Smartin’-Up Professional Development Workshop Series was conducted by Sindy Martin. Forty-one students participated in this four day professional development series.

- **Summer Medical and Translational Research Apprenticeship Program;** SMATRAP is a partnership between Duke University Medical Center and the PPSP, developed to recruit and train future medical clinicians that will assist in increasing the number of minority scholars. SMATRAP is designed to assist junior undergraduate students.
interested in pursuing a career in medicine develop the necessary skills to be competitive candidates for entry into medical school and establish a network of clinical and research opportunities to cultivate effective scholars in the field of medicine. The application for this program is currently open, closing on January 31st.

- **MedEx**: A pipeline has been developed between the PPSP and the South Carolina School of Medicine-Greenville for six (6) remarkable NC A&T Pre-Med candidates to participate in their MedEx Summer Academy. The MedEx Academy was designed to help students foster important skills and gain valuable exposure to the health care field. The academy is affiliated with the South Carolina Greenville Hospital System. The purpose of MedEx Academy is to increase the number of young people prepared to enter the healthcare career pipeline. MedEx Academy serves as one of the key components of the University of South Carolina School of Medicine-Greenville Expansion, particularly related to student recruitment. The MedEx application is currently open, closing February 1st.

- **The PPSP** is dedicated to working with departments and special programs across the NC A&T campus in order to effectively deliver our mission to assist NCA&T students in identifying and refining their interests in professional careers (e.g. law, speech language pathology, medicine and other health professions including dentistry, veterinary medicine, optometry, pharmacy, etc.), provide structured academic and professional guidance throughout their matriculation at NCA&T, and support implementation and maintenance of professional development opportunities to enhance student preparedness and competitiveness for professional degree programs. All of our collaborations and their impacts, detailed above, have been developed with our mission, vision, and objectives in mind, including goals 1 and 3 of the University Strategic Priorities.

- **2014 Professional Development Conference** titled "Prepare Today for Tomorrow's Success!", was held on March 27 in the Memorial Student Union and hosted over 200 NC A&T undergraduate, graduate and post-graduate students representing approximately 25 different majors. This year's program also attracted high school students from Page High School and the NC A&T Middle College, as well as college students from UNC Greensboro, Winston Salem State University, Guilford Technical Community College, and Central Piedmont Community College. Participants were exposed to a variety of important professionalism topics including:
  - Interactive sessions on developing a personal brand; how to succeed as a woman or man in today's global workplace; and how to finance graduate and professional education
  - Students interacted with panelists composed of graduate and professional school admissions members and distinguished professionals in areas of health, dentistry, veterinary medicine and law who shared their personal journeys to the professions and offered invaluable advice
  - A networking luncheon allowed students to speak face-to-face with professional and graduate school recruiters; interact with NC A&T graduates currently in professional or graduate school or practicing in health, dentistry, veterinary medicine or law; learn about the importance of communication skills through Toast Masters International; interact with speakers and a number of additional
professionals in their career area or interest; identify alternative ways to finance higher education through military service; and learn of hands-on professional development and community service opportunities throughout the Greensboro area.

A review of the 2014 Professional Development Conference Key Note talks along with a slideshow of events may be viewed at the following link:  http://ncatppsp.weebly.com/professional-development-conference.html

• **Preparing Tomorrow’s Dentist Summer Program.** The ECU School of Dental Medicine (ECU SoDM), North Carolina A&T State University and the Old North State Dental Society hosted two, two-and-one-half day programs at the ECU SoDM for 37 underrepresented, rural and disadvantaged students interested in dentistry. ECU SoDM faculty and students provided seminars on such topics as writing personal statements for dental school, hands-on experiences in the Simulation Lab, and dinner with a professional etiquette and communications consultant. Responses to a survey of summer program participants support the positive impact of the project and achievement of one-year project goals. Thirty-three of the 37 summer program students (89%) responded that their interest in dentistry had increased as a result of their program participation, and all of the participants strongly agreed (94%) or agreed (6%) that participation in the program increased their understanding of the dental profession. Thirty-four of the 37 summer program students (92%) affirmed that participating in the program enable them to develop a realistic, detailed timeline of the steps they need to take to become a competitive candidate for dental school.

Chemistry:

The student engagement arm of the Department of Chemistry is the Chemistry Club. The Chemistry club participated or planned the following events during the 2013-2014 academic year: Sickle Cell Walk: September 21, 2013, Water Bottle Drive: October 21-25, UNICEF: Trick or Treat: October 27-November 1, School Supply Drive: October 30-Nov 15, Moses Cone Hospital- Valentine’s Day Cards: February 14-2014, Mt. Zion Urban Ministries April 22, 2014 (tentative).

j. **List programs/initiatives to serve special populations, e.g., student athletes.**

k. **Student engagement initiatives (2013-2014), such as community service and volunteerism**

English/Speech:

- May Better Speech and Hearing Month (April 2014 Literacy Awareness Project Alamance Elementary School)
- Students and faculty advisor (Dr. Deana McQuitty) participated in the following events: Autism Unbound; Communication Forum Old School vs. New School Love
I. Study abroad, international studies and/or domestic and international internships involving your students. How many students were involved during the 2013—2014 academic year?

**Biology**

- Candace Ghent (iBLEND math major) is studying in Germany spring 2014
- Krystal Harrison: Summer 2013 internship at Yale University

**Chemistry**

- Taylour Jackson, a sophomore chemistry major, is currently studying abroad in Cyprus (Spring 2014).
- Lauren C. Peace, a senior chemistry major, studied abroad and conducted research, Bristol, England (Summer 2013).
- LaVana Greene, a sophomore chemistry major, traveled abroad with the honors program at NCAT to Ghana (Spring 2014).

**JOMC**

- Ashley Scotland – Shanghai, China, Summer/Fall 2013
- Morgan Schuck – Australia, Summer 2014

**Mathematics:**

Candace Ghent, Study Abroad, Mannheim, Germany, Spring 2014 semester

Bryanna Johnson, Study abroad, Jamaica, Summer 2014

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**RESEARCH AND SCHOLARLY ACTIVITIES (Please submit “a.” as a separate file)**

a. List (numbered) scholarly activities, including refereed journal articles, other published articles, proceedings, books, book chapters, etc., published in the 2013-2014 academic year.

**Refereed Journal Articles**

**Biology:**


10. Peyman M, **Lang R**, Reitmeyer S, Sharma G. Food expenditure patterns in the Canadian Arctic show cause for concern for obesity and chronic disease. Accepted for Publication by International Journal of Behavioral Nutrition and Physical Activity.


Chemistry

1. Frankie White, Paul Vogel, Carlos Crawford, **Zerihun Assefa**, Richard E. Sykora, “Synthesis,


EES


http://dx.doi.org/10.1016/j.atmosres.2013.10.01


English


3. Levy, M. “From Skull Tower to Mall: Competing Victim Narratives and the Politics of Memory in the Former Yugoslavia” Levy, M. Reviews in World Literature Today:
   i. Aslam, Nadeem. The Blind Man’s Garden
   ii. Brkic, Courtney Angela. The First Rule of Swimming
   iii. Freeman, Ru. On Sal Mal Lane
   iv. Mahmutović, Adnan. How to Fare Well and Stay Fair
   v. Perisic, Robert. Our Man in Iraq
   vi. Petterson, Per. It’s Fine by Me.
   vii. Ugresic, Dubravka. Europe in Sepia


Mathematics:


9) Seong-Tae Kim & Kristen Doehler, “Movies, Critics, Stars, and Money, Choice,” under revision


Physics


Psychology


Sociology & Social Work


History

Dr. Porter: "Prince Georgii Lvov, The Zemstvo and the Failure of Russian Liberalism," being reviewed for publication in Russia in War & Revolution.
Other Published Articles

Biology:

1. Dr. Lang-Walker Accepted for Publication: The Relationship between Depressive Symptoms and Cognition in Older, Non-Demented African Americans; Journal of the International Neuropsychological Society; Accepted as a Brief Communication.

Chemistry:


English:

5. Rippin, R. Poems accepted for Prime Number magazine, forthcoming.

Mathematics:

8. Alexandra Kurepa: Reviews for Mathematical Reviews, American Mathematical Society, for the following three published journal articles:

Sociology & Social Work:


History:

11. Dr. Cundall: "Admission, Retention and Reframing the Question 'Isn't it just more work?'" Journal of the National Collegiate Honors Council; (fall/winter 2013).


Conference Proceedings

Biology:


23. *Boyd S, Niyitegka JM, Newman R, and Ongeri E.* Protein kinase C alpha (PKC α) is a target for the meprin B metalloproteinase. 2014 Experimental Biology, San Diego, CA

24. *Barbara Swanson,* Comparative analysis of bioinformatic tools for the detection of viral DNA sequences in tumor cells


26. Martin P. Rosehip extracts prevent TNBC cell proliferation and migration. Presented at Emory University March 2014 and also presented at AACP Annual Research Conference, San Diego, CA April 2014


28. **WALKER R.** USE OF A UNIVERSITY OUTREACH CENTER TO UNDERSTAND AND ASSESS NEEDS OF AFRICAN AMERICAN ALZHEIMER’S CAREGIVERS; *Alzheimer’s Association International Conference (AAIC);* July 13-17, 2014; Copenhagen, Denmark.


**Chemistry**

2. **Fakayode, S. O.**, “From Cook-Book” to a Guided Inquiry Laboratory Experiments (GILEs) in Analytical Chemistry Laboratory Curriculum: Challenges and Role of Instructors for Effective Design and GILEs Implementation, 247th American Chemical Society National Meeting, Dallas, TX, March 6-20, 2014. Paper # 19652.


12. LaVana Greene. The Southeastern Region of the American Chemical Society. Atlanta, GA. Nov. 12-16, 2013.

Compound (VOC) Detection” Undergraduate Research Day, North Carolina A&T State University, April 11, 2014


22. **Hawkins, K; Fakayode, SO. Spectroscopic Analysis of Chiral Pharmaceutical Drug-Cyclodextrin Guest-Host Inclusion Complexation, Sigma Xi Student Research Conference, Research Triangle Park, North Carolina, Poster Number CHM-04, November, 8-9, 2013

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**EES**


13. Hosseinnezhad, Shahrzad, Elham Fini, Mufeed Basti, Preparation and characterization of bio-adhesive produced from animal waste to be used as asphalt-binder, National Conference on Advances in Environmental Science and Technology, September 12, 2013.


English:

1. DePolo, J. The Piedmont Composition Alliance: Opening Dialogue Toward a (Re-)Articulation of FYC Expectations and Curricula Among Universities and Community Colleges presented at the 2014 Conference on College Composition and Communication.

2. DePolo, J. Chaired a panel at the 2014 Conference on College Composition and Communication, titled Perspectives on Militarism and the Composition Classroom.


5. Levy, M. Presented at SCMLA New Orleans (Nov 2013) “’Caught in the Act of Crossing’: Colonized Dreamers and Bridges to Nowhere in Dostoevsky’s *Krokodil* (1865) and Ben Jelloun’s *Partir* (2006)”


7. Meyerson, G. “It’s Not Personal, It’s Business: or How (Not) to Teach About the Rich,” MLA in Chicago, revised for publication in *Radical Teacher*.

8. Randolph, Robert presented a paper entitled, “Her English is Not Your English: Tutoring Speakers of African American Dialect in 2014” at the Southeastern Writing Center Association; East Carolina University, February, 2014.


10. Rohrbacher, C. "Writing About Evolution in Biology – Using Formative Assessment to Assist Student Competency and Reduce Instructor Frustration.” Scholarship of Teaching & Learning, Savannah, GA March 26-28.

11. Drake, R., Crawford, J., & Rohrbacher, C. “Instituting Large Scale Change at a Research University: A Case Study.” The 13th International Conference on Knowledge, Culture and Change in Organizations. 06/13/2013-06/14/2013.

12. Spencer Maor, Faye and Jason DePolo presented a workshop entitled, “Responding to Student Writing.” 2014 Symposium on Composition at the HBCU, North Carolina A&T State University, April 2014.

English/Speech:


Mathematics:


**Physics**


12. Rostom, Riem (Author Only), Lin, Yuh Lang (Presenter & Author), Meeting of Americas, "Rostom and Lin, 2013: Effects on Hurricane Tracks and Heavy Rainfall by Mountains in Americas Cancun, Mexico, May 13-17,.," American Geophysical Union, Cancun, Mexico. (May 14, 2013).


14. Lin, Yuh Lang (Presenter & Author), Nguyen, Van (Author Only), Santiago, Adrian (Author Only), Rostom, Riem (Author Only), Meeting of Americas, "Lin, Y.-L., V. Nguyen, A. Santiago, and R. Rostom, 2013: Effects on Hurricane Tracks and Heavy Rainfall by Mountains in Americas Cancun, Mexico, May 13-17.," American Geophysical Union, Cancun, Mexico. (May 14, 2013).

15. Billilign, Solomon (Author Only), Singh, Sujeeta (Author Only), Smith, Damon (Author Only), Fiddler, Marc N. (Author Only), Vincent, Marcus (Presenter & Author), Stigger, Chanelle (Presenter & Author), he 14th Annual Poster and Vendor Night Sponsored by Syngenta and the Central North, "Differentiating Absorption and Scattering from Biomass Burning Aerosols using the Extinction-minus-scattering Method", North Carolina section of the American Chemical Society, Greensboro, NC.

16. Billilign, Solomon, Singh, Sujeeta (Author Only), Smith, Damon (Author Only), Vincent, Marcus (Presenter & Author), Stigger, Chanelle (Presenter & Author), Fiddler, Marc N (Author Only), 14th Annual Poster and Vendor Night Sponsored by Syngenta and the Central North, "Differentiating Absorption and Scattering from Biomass Burning Aerosols using the Extinction-minus-scattering Method," North Carolina section of the American Chemical Society, Greensboro, NC. (April 1, 2014).


22. Bililign, Solomon (Author Only), Fiddler, Marc (Author Only), Young, Paul J (Author Only), Roberts, James (Presenter & Author), Burling, Ian R. (Author Only), Yokelson, Robert J. (Author Only), Warneke, Carsten (Author Only), VandenBoer, Trevor C. (Author Only), Barth, Mary C. (Author Only), de Gouw, Joost, Veres, Patrick, Association of Wildland Fire International Smoke Symposium, "The Potential Air Quality Impacts of Fires: Isocyanic acid HNCO," International Association of Wildland Fire, University of Maryland, MD. (October 21, 2013).


Psychology


Sociology & Social Work


History


3. Dr. Smallwood: Upheaval and Change in Tuscarora Communities on the Borderlands of the Northeastern and Southeastern Woodlands during the Early Colonial Period: Documenting Early Cultural and Racial Blending of the Tuscarora in Colonial Carolina and Virginia, Conference on Iroquois Research, Cortland, NY, October 6, 2013.

**Book Chapters**

**Biology:**


**EES**

English:


English/Speech:


(Deana McQuitty: Book Chapter)

Mathematics:


Psychology


Sociology & Social Work


Books

Biology:


English:


English/Speech:

Liberal Studies:


Mathematics:


Rajah Varatharajah, Barbara Tankersley, Janis Oldham, Zachary Denton and Liping Liu, Calculus I Workbook, Pearson Publishers, New York, NY, to be published in July 2014,

Sociology & Social Work:


History


Other Scholarly/Creative Activities

English:
2. Issifou, M. Project Kaleidoscope (PKAL) Meeting at Pembroke, PKAL Meeting at NCA&T.
4. Levy, M. Refereeing articles, one for PMLA and one for *Journal of Modern Jewish History*.
6. Rippin, R. Kevin Named managing editor for *Black Eyed Peas*, a developing, potentially A&T-based international African Diaspora journal founded by Dr. Anjail Ahmad.

Psychology

Sociology & Social Work:

**Cook, S. W.** (March 20, 2014). Utilization of Qualitative Research Methodologies. Shaw University, Raleigh, North Carolina.


b. **List new patents/licenses.**

1. Dr. Julius Harp, Chemistry-Synthetic Designs of Phenylalaninic Compounds and Their Mimetics as Universal Regulators of Melanogenesis and Their Broad Pharmacological Regulating Effects, Part 7, US Department of Commerce, Patent and Trademark Office. 6-5-2013, No. 61/831,141

c. **Summary table for a. and b. above** (totals for 2013-2014 academic year). (Include additional rows and labels as is needed to accurately present your discipline.)

<table>
<thead>
<tr>
<th>Scholarly Activities</th>
<th>Totals*</th>
</tr>
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<tbody>
<tr>
<td>Refereed Journal Articles</td>
<td>93</td>
</tr>
<tr>
<td>Other Published Articles</td>
<td>21</td>
</tr>
<tr>
<td>Conference Proceedings</td>
<td>159</td>
</tr>
<tr>
<td>Book Chapters</td>
<td>14</td>
</tr>
<tr>
<td>Books</td>
<td>9</td>
</tr>
<tr>
<td>Other Scholarly/Creative Activities</td>
<td>43</td>
</tr>
<tr>
<td>Patents</td>
<td>1</td>
</tr>
<tr>
<td>Licenses</td>
<td>0</td>
</tr>
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</table>

*As of April 15, 2014*
PART 3
(STUDENT PLACEMENTS)

Complete the following table, based on your records.

<table>
<thead>
<tr>
<th>Placements, etc.</th>
<th>Total</th>
<th>List as many examples as possible (organizations)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permanent job placements</td>
<td>78</td>
<td>Biology:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Sasha Munn (Lab Corp, Mass Spectrometry</td>
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<tr>
<td></td>
<td></td>
<td>Technician)</td>
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<td></td>
<td></td>
<td>• Fallou Diouf- Biology Teacher- NCA&amp;T Middle</td>
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<td></td>
<td></td>
<td>College, Greensboro, NC</td>
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<td></td>
<td></td>
<td>• Comeshia Hunt- Biology Teacher- Eisenhower</td>
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<td></td>
<td></td>
<td>Academy- New Orleans, Louisiana</td>
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<td></td>
<td></td>
<td>• Michelle Farrell- Biology Teacher- Smith High</td>
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<td></td>
<td></td>
<td>School, Greensboro, NC</td>
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<tr>
<td>Internship placements</td>
<td>353</td>
<td>EES:</td>
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<td></td>
<td>• 6 placements - NCA&amp;T Post-doc, NOAA Research</td>
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<td></td>
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<td>Associate, University of Nebraska Post-doc,</td>
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<td></td>
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<td>NCA&amp;T Research Associate</td>
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<td>JOMC:</td>
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<td></td>
<td>• 48 Placements (44 % of graduates from 2012-2013</td>
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<td></td>
<td></td>
<td>AY - December and May) have obtained permanent</td>
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<tr>
<td></td>
<td></td>
<td>job placements. Most recently, Devan Cothran</td>
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<td></td>
<td></td>
<td>landed a permanent position with NBCUniversal</td>
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<td></td>
<td></td>
<td>in New York.</td>
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<tr>
<td></td>
<td></td>
<td>Mathematics:</td>
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<tr>
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<td></td>
<td>• 5 Placements - Jade Jenkins, Lakisha Womack,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jason Wily (Guilford County Schools), Yang Xue</td>
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<tr>
<td></td>
<td></td>
<td>(China Agricultural Bank), Amanda Eure (Naval</td>
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<tr>
<td></td>
<td></td>
<td>Safety Center in Norfolk, VA)</td>
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<td></td>
<td></td>
<td>Sociology &amp; Social Work:</td>
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<tr>
<td></td>
<td></td>
<td>• 15 Placements – Cleveland County DSS</td>
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<td>Department on Aging</td>
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<td></td>
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<td>Guilford County Schools</td>
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<tr>
<td></td>
<td></td>
<td>Therapeutic Alternatives</td>
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<tr>
<td></td>
<td></td>
<td>Orange County DSS</td>
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<td></td>
<td>UNCG</td>
</tr>
</tbody>
</table>

Biology: Krislyn Miner – Chevron Oronite, San Ramon, CA
2. Aaron Neal – University of Colorado- Boulder Summer Multicultural Access to Research Training
3. Sophomore Immersion Program (20)
4. Pre-Matriculation Program (14)
   - Alexander Jasmine
   - Antoine Kayla
   - Barnes Denisha
   - Bethea Asha
   - DeVond Arric
   - Edwards Jermone
   - Evans Sydnee
   - Goode Jordan
   - Gregory Gabrielle
   - Howell Sydni
   - Lindsey Marcia
   - McVoy Leya
   - Page Douglas
   - Terry Zachary
   - Washington Imari

5. Dr. Harrison Internship Placements (4)
   - Jessica Greene a CSE PhD candidate student and Biology M.S. degree candidate have been placed in a summer internship at University of Texas-Austin for NSF BEACON consortium awards to Drs. Newman and Dr. Harrison of the Department of Biology.
   - Darius Bost undergraduate student in the Applied
Mathematics program has been placed in a summer internship at Washington University St. Louis.

- Sada Wilson a undergraduate student in the Department of Biology has been placed in a summer internship at Indiana University within the context of a cross-institutional collaboration of the Lynch Laboratory (IU) and Dr. Harrison of the Department of Biology.
- Taylor Rosemond a Mathematics M.S. degree candidate has been placed in a summer internship at the Pittsburgh Supercomputing Center’s National Resource for Biomedical Supercomputing (PSC/NRBSC).

6. MARC Internship Placements (10)
   - Darius Bost - Indiana University – Summer 2013 (Major: Applied Mathematics)
   - Jasmine Brown - U.S. Naval Laboratory – Summer 2013 (Major: Bioengineering)
   - Krystal_Harrison - University of Michigan – Summer 2013 (Major: Biology)
   - Niageria Lusk - University of Massachusetts Medical School – Summer 2013
   - Phillip Thomas - New York University – Summer 2013 (Major: Biology)
   - Marc Thompson - Johns Hopkins – Summer 2013 (Major: Bioengineering)
   - David Clarke - NC A&T State University – Summer 2013 (Major: Biology)
   - Bria Macklin - Johns Hopkins – Summer 2013 (Major: Bioengineering)
   - Carmen Marable - University of Buffalo – Summer 2013 (Major: Biology)
   - Imani Sharpe - NC A&T State University – Summer 2013 (Major: Bioengineering)

7. Dr. White Internship Placements (23)
   1. NCAT-MedEx Academy Pipeline; 3 students attended this program at the University of South Carolina School of Medicine – Greenville (Summer 2013)
      - Darius Blanding (Biology)
      - Brianna Arrington (Biology)
      - Nsisong Amama (Biology)
   2. Summer Medical and Translational Research Apprenticeship Program at Duke University; 2 students attended this program (Summer 2013)
      - Amira Carter (Biology ’13)
      - Yannick Tuwamo (Biology)
      - Ce’Aira Rhame (Biology)
   3. Preparing Tomorrow’s Dentist Summer Program at East Carolina School of Dental Medicine; ~20 NC A&T students attended the program (Summer
2013)

- Lakeya Charmaine (Biology)
- Destiny Jenyle Hill (Biology)
- Tajir Walter-Oli (Biology)
- Marra shineece Holmes (Chemistry)
- Ashley Nicole Haynes (Biology)
- Aquilla, Anita, Braxton (Laboratory Animal Science)
- Zelexis, Chante’, Morse (Biology)
- Whitney, Denise, Hinton (Biology)
- Kenitra Charmaine Richardson (Food & Nutritional Sciences (Dietetics)
- Matthew, Ryan, Lee (Biology)
- Margarita, Constance, Shirley (Biology)
- Tatiahna Aeriel Belton (Biology, MS)
- Erin L. Alston (Biology)
- Jimmie, Lamar, Powell (Biology)
- Andrea, Cathleen, Moore (Biology)
- Shanee’, Danielle, Tillman (Biology)
- Brandon Tobias Wallace (Biology)

Chemistry:

- 4 Placements - Krisyln Miner-Chevron, Alexis Hawks-Truman Medical Centers, Danielle Williams-University of Michigan, Patricia Thomas-Virginia Commonwealth University

EES:

- 3 Placements - Environmental Defense Fund Climate Corps, Raleigh television station weather intern, NOAA

English:

- Student teaching - Chelsi Allen (Middle College of NCATSU), Che Ree Anderson (Fleming High School, Roanoke, VA), Shaniqua Early (Northeast High School, Greensboro), Toshawndra Harris (Early College at NCCU), Hillary Johnson (Middle College at NCATSU), Michelle Studmire (Northwest High School, Greensboro).

JOMC:

- 101 Placements - It is a graduation requirement that all JOMC students conduct an internship for credit.

Mathematics:

- 7 Placements - Darius Bost (Washington University in St. Louis), Nadine Jansen (PCMI), Marvin Jones (Indiana Univ), Tyler Tillman (NCSU), Taylor Rosemond (Pittsburgh Supercomputing Ctr), Kevin Prewitt (Bank of America), Boubacar Abdou Tchoussou (Virginia Tech)
Political Science & Criminal Justice
- 40 Placements

Sociology & Social Work
46 Placements form the BSW program and 73 placements from the Joint Master of Social Work program - Aging & Adult Services GCDSS, Alamance Co Schools, Black Child Development, Burlington Housing Authority, Child Welfare Collaborative, Guilford CIS, CareLinks, Inc., Caring Services, Club Horizon, Cumberland Co. CIS, Davidson Co. DSS, Newcomers School, Exchange/Scan, Family Promise, Forsyth County DSS, Forsyth CIS, Forsyth MHA, Greensboro Urban Ministry, Friend’s Home West, Guardian ad litem, Guilford County, Guilford County DSS, Guilford County School System, Guilford Child Development, Guilford Health Care, Greensboro Housing Authority, Healthy Start Program at Family Services, Hospice of Alamance-Caswell, Joseph’s House, Juvenile Court Infant Toddler Initiative, Mary’s House, My Sister Susan’s House, Moses Cone, NC-CASA, Moore Co. DSS, New Arrival Institute, Path of Hope, Piedmont Health Services, Inc, Psychotherapeutic Services, Randolph Cty, Senior Assn., Randolph Cty. Family Crisis, River Landing, Rockingham C. DSS VA Salisbury, VA Durham, Winston-Salem Forsyth Schools, Youth Focus, Wake County Schools, Hospice and Palliative Care of Greensboro, Alamance Burlington Schools, Guilford County Schools, Turning Point Day Treatment, Cone Behavioral Health, Duke Medical Center, Duke Hospice, Triad Health Project, Therapeutic Alternatives, NCAT Counseling Services, Chapel Hill Police Department, Alamance Regional Medical Center, Caring Services Inc., Family Services of the Piedmont, Wake Forest Baptist Medical Center-Carenet of NC, Old Vineyard Behavioral Health, Family Services of Winston Salem, Novant Health Care, Dept. Social Services-Guilford, Rockingham, Davey and Person Counties, Fairview Family Resource Center, Exchange Club Family Center in Alamance, Supporting Thriving Families, Orange County DSS Aging-Seymour Center, Presbyterian Behavioral Health, Daymark Recovery Center, Cogregational Social Work Education Initiative, Greensboro Housing Coalition, Planned Parenthood Health Systems, Youth Opportunities, Easter Seals of Alamance, Children’s Home Society, YWCA, Journeys Counseling Center, Carter’s Circle of Care, Center for New North Carolinians, Mentor of Greensboro, Insight Human Services

Coop Placements | 2
- 2 Placements - Destenie Nock (Exxon Mobil, fall 2013), Jazmine Johnson (NSA, fall 2013)

Admitted to graduate programs | 41
- Biology:
  1. Tiffany Kennedy (MS in Bioinformatics at UNC-Charlotte)
<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>University/Program/Program Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>Andre Hall</td>
<td>(MS in Medical Science at Hampton University)</td>
</tr>
<tr>
<td>3.</td>
<td>Jessica Cannady</td>
<td>Accepted: Virginia State University, PhD Program; Enrolled: North Carolina A&amp;T State University</td>
</tr>
<tr>
<td>4.</td>
<td>Alshea Logan</td>
<td>admitted to Michigan State University PhD program (M.S. degree candidate in Department of Biology)</td>
</tr>
<tr>
<td>5.</td>
<td>Jazmine Brown</td>
<td>(Major Bioengineering), MARC Scholar accepted into PhD program Virginia Polytechnic Institute and State University</td>
</tr>
<tr>
<td>6.</td>
<td>Krystal Harrison</td>
<td>(Major Biology &amp; MARC Scholar) PhD at University of Michigan Ann Arbor</td>
</tr>
<tr>
<td>7.</td>
<td>Marc Thompson</td>
<td>(Major Bioengineering &amp; MARC Scholar), PhD At Virginia Polytechnic Institute and State University</td>
</tr>
<tr>
<td>8.</td>
<td>Phillip Thompson</td>
<td>(Major Biology &amp; MARC Scholar), accepted in PhD program at New York University</td>
</tr>
<tr>
<td>9.</td>
<td>Ms. Stacy Agnu</td>
<td>gained admission into the American University of Antigua Medical School (matriculated February, 2014) (Active member of the Minority Association of Premedical Students – Biology Major)</td>
</tr>
<tr>
<td>10.</td>
<td>Ms. Omonike Akinleye</td>
<td>gained admission into the Ross University School of Medicine  (matriculated Fall 2013) (Active member of the Minority Association of Premedical Students – Psychology Major)</td>
</tr>
<tr>
<td>11.</td>
<td>Mr. Josef Smith</td>
<td>gained admission into the East Carolina University School of Dental Medicine (matriculated Fall 2013)</td>
</tr>
</tbody>
</table>

**Chemistry:**

1. Brittany Nichols- Chemistry, Virginia Tech

**JOMC:**

1. Adrian Gray, NC A&T - Info Technology
2. Kayla McLaughlin, NC A&T - English
3. Amanda Rhoda, Academy of Art University
4. De'onna Young-Stephens, Clark Atlanta University
5. Symone Kidd, Georgetown University- Sports Industry Management
6. Dion Harris, NYU
7. Michele Delgado, NCCU School of Law
8. Deryck Nicholson, George Washington University
9. Nicole Jones, University of Maryland - Broadcast Production
10. Kelsey Merritt, Syracuse University

**Mathematics**

1. Nadine Jansen (NCSU & Purdue, PhD in Math)
2. Destenie Nock (Queen’s University of Belfast, MS & UMass Amherst, PhD in Industrial System Engineering)
3. Marvin Jones (Indiana University PhD in Applied Math)
4. Sean McMannamy (Central Michigan University, PhD in Applied Math)
5. Patrick Ofosuhence (UT Dallas, PhD in Statistics)
6. Guy Oldaker (NCA&T, MS Applied Math)
7. Taylor Rosemond (NCA&T, MS Applied Math)
8. Antonio Smith (NCA&T, MS Applied Math)
9. Yao Messan (Emory University, MS Public Health)
10. Jason Wiley (NCA&T, MS Physics)

Sociology & Social Work
1. Jacinda Anstead—Fayetteville State University (MSW Advanced Standing Program), Joint North Carolina A&T State University and University of North Carolina-Greensboro Advanced Standing Program; and North Carolina State University (MSW Advanced Standing Program)
2. Erika Eisenman—University of Utah (MSW Advanced Standing Program)
3. Paula Evans—admitted to the Joint North Carolina A&T State University and University of North Carolina-Greensboro Advanced Standing Program
4. Adara Johnson—University of South Carolina (University (MSW Advanced Standing Program)
5. Brianna Hilliard—University of North Carolina-Charlotte
6. Brittany Lawrence—University of South Carolina (MSW Advanced Standing Program)
7. Morgan McCullers—North Carolina State University
8. Stephanie Pomales—Howard University and Temple University
9. Alysha Williams—University of North Carolina-Pembroke and University of North Carolina Wilmington

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