

January 10, 2008

Amendment to strike the FSU/UNCP Imaging Center project and replace with a FSU project entitled “Community Approach to Reading Effectiveness.”

<p>Southeastern North Carolina Regional Micro-analytical and Imaging Center</p>	<p>FSU, UNCP</p>	<p>\$665,000 Defense</p>	<p>Etheridge, McIntyre</p>	<p>The SENC Micro-analytical and Imaging Center at Fayetteville State University is operated in cooperation with UNC Pembroke. The center is open for use by faculty, staff and students of any academic or research institution as well as by industrial users. The mission of the center is to provide state-of-the-art imaging and quantitative chemical analysis at the micro scale. The centerpiece of the facility is the JEOL JXA 8500F electron microprobe. This proposal seeks to expand the center's capabilities by securing funds for the center's operations and acquiring an Atomic Force Microscope (AFM)/confocal Raman modular composite system. The AFM has been the major driving force for the development of nanotechnology. The instrument can investigate surface structures at nanometer to subangstrom resolution in ambient and liquid environments with a resolution much greater than that of a traditional optical microscope. Expansion of the capabilities of the SENC Micro-analytical and Imaging Center will allow faculty at FSU and UNCP to continue research on the cutting edge of defense technology. The expansion will also allow the center to be the focus of economic growth by attracting research and development staff from defense contracting businesses to the region to utilize the center's resources. Students at both institutions will benefit from greater opportunities for internships and participation in research with real world applications.</p>
<p>Community Approach to Reading Effectiveness</p>	<p>FSU, Fayetteville Technical Community College, Cumberland County Schools</p>	<p>\$600,000 Labor/HHS</p>	<p>Etheridge</p>	<p>The goal of the Community Approach to Reading Effectiveness (CARE) project is to increase the literacy of at-risk children through community partnerships with area schools so that reading achievement gaps between predominantly minority and economically disadvantaged children and their peers are reduced. This project will provide one-on-one tutoring and mentoring to young students and special training to child care providers. CARE will also increase the number of local daycare teachers enrolled in continuing education courses, resulting in higher quality daycares in Cumberland County.</p>