



# The University of North Carolina

## 2004 Federal Agenda

The following Federal agenda was developed based on suggestions and recommendations received from the constituent campuses and affiliated organizations of the University. The general themes by which priorities are categorized are taken from the Board of Governors' Long-Range Plan. The activities and initiatives described below will be undertaken, whenever possible, in conjunction with the North Carolina Congressional delegation and the North Carolina Governor's Washington Office and, where appropriate, the relevant higher education organizations and professional societies.

One of the most important Congressional activities facing higher education this year is the reauthorization of the Higher Education Act. This legislation will have a profound impact on the University of North Carolina, its students and their families for years to come. Therefore, the Board of Governors will work closely with the North Carolina Congressional delegation, the Governor and the national higher education community to ensure that any changes to existing law serve to strengthen federal programs that will: provide greater access and support for our students; increase the infrastructure and capabilities of our campuses; foster the training, recruitment, and retention of high quality teachers; support the rising generation of graduate students; support and expand international educational opportunities for our students and faculty; and take full advantage of the potential of information technology to innovate and invigorate the teaching and learning process.

### Ensure Access to Higher Education

*The Board of Governors has stressed the importance of ensuring access to higher education for all qualified citizens, but especially to traditionally underrepresented segments of North Carolina's population. Toward that end, the University will strive to achieve the following goals:*

1. Support Federal programs for student financial aid, student support services and related activities, including:
  - Increase Pell Grants (\$4,050 current maximum)  
(grant assistance to low-income undergraduate and graduate students; in 2002-2003, more than 37,600 UNC students received more than \$100M in Pell grants)

## Ensure Access to Higher Education (cont.)

- Increase Supplemental Educational Opportunity Grants  
*(grant assistance to low-income undergraduates; in 2002-2003, more than 8,100 UNC students received more than \$7.1M in SEOG funds)*
  - Increase funds for the Federal Work Study program  
*(assistance provided to campuses to help undergraduate and graduate students pay for college through part-time work; in 2002-2003, almost 5,800 UNC students earned almost \$8M in work-study aid)*
  - Increase federal support for state-supported financial aid programs  
*(funding from the federal Leveraging Educational Assistance Partnership (LEAP) and Special LEAP is designed to encourage states to fund need-based programs by requiring the state to match the federal funds; in 2002-2003 more than 2600 UNC students received almost \$1.7M through the NC Student Incentive Grant (NCSIG) program)*
  - Increase funding for the GEAR-UP and TRIO programs  
*(GEAR-UP provides comprehensive mentoring, counseling and other services for low-income elementary and secondary school students and their families to help establish pathways to college; 3 UNC campuses (ASU, FSU and NCA&T) and the Office of the President have been awarded GEAR-UP grants. TRIO provides education outreach and student support services to encourage disadvantaged individuals to enter and complete college.)*
  - Increase funding for the GAANN and Javits graduate fellowship programs; change GAANN stipend calculation to merit-based  
*(GAANN (Graduate Assistance in Areas of National Need) and Javits programs support graduate students in a wide range of fields; many outstanding students are unable to accept GAANN Fellowships because they do not qualify for an adequate stipend.)*
2. Support federal policies that increase opportunities for access to the university for students and their families, including:
- Federal initiatives to promote college access by providing information to students and parents that college is both possible and affordable; build on success of College Foundation of North Carolina ([www.CFNC.org](http://www.CFNC.org)) in promoting access to college with a particular focus on low-income, first generation students.
  - Federal legislation to allow states to decide how to handle residency regarding undocumented students for tuition purposes.
  - Provisions in the Higher Education Act reauthorization that: strike an appropriate balance between grants and loans for students; provide adequate support for campus-based student aid programs and student support/college access programs; provide greater flexibility for distance education students to qualify for federal grants and loans, while also protecting against fraud and abuse; and guard against inappropriate expansion of transfer of credit.

## Intellectual Capital Formation

*The Board of Governors has articulated the importance of excellence in graduate, professional and undergraduate programs to develop an educated citizenry that will enable North Carolina to flourish. A key element of that goal is to ensure that the facilities and campus environment necessary to support that educational excellence are available. Resources to accomplish the latter will be realized through both the Board's capital plan and Federal sources. Therefore, the University will work to support the following Federal initiatives:*

1. Programs to support Historically Black Colleges and Universities and institutions serving under-represented populations, including:
  - Department of Education institutional programs  
*(Title III of the Higher Education Act provides funds to strengthen academic programs and fundraising capabilities at institutions that serve minority and disadvantaged students)*
  - Department of Agriculture 1890 Land Grant Programs  
*(formula funds for research and extension activities at historically black land grant institutions)*
  - Department of Agriculture Higher Education Programs  
*(funds provided for capacity building (research, teaching and facilities) at historically black land grant institutions)*
  - Agency-based minority science and engineering opportunity programs  
*(programs at various Federal agencies, including NASA and DoD, which support research and education capacity building at HBCU's and other minority institutions)*
2. Programs to support infrastructure needs at various institutions, including:
  - National Institutes of Health Extramural construction grants  
*(funds to support construction of biomedical research facilities not located on the NIH campus)*
  - Federal/Congressional initiatives supporting the preservation of buildings at historically women's and historically black institutions  
*(Federal programs and/or legislative initiatives that support these types of activities, which are applicable to several UNC institutions)*
  - National Science Foundation Programs for minority serving institutions  
*(programs such as the advanced networking with minority serving institutions (AN-MSI) which provide funds for building and supporting network facilities at HBCU's and other minority institutions)*
  - Department of Education Title III Institutional Development grants  
*(funds to support capacity building at post-secondary institutions that serve minority and disadvantaged students)*
  - Department of Agriculture formula funds  
*(research and extension funds that can be used for capacity building purposes, including support for personnel and, in some cases, facilities)*

### Intellectual Capital Formation (cont.)

- Corporation for Public Broadcasting programs  
*(infrastructure and facilities grants, as well as programming resources utilized by UNC-TV)*
3. Programs to support human capital formation, including:
- Undergraduate research programs  
*(programs at such as agencies as the Dept. of Education, National Science Foundation, National Aeronautics and Space Administration, and National Institutes of Health, that support the enhancement of undergraduate research programs at all institutions, including activities at NCA&T, UNCA, UNCC, UNC-CH, UNCG, UNCP, UNC-OP, and WSSU)*
  - Nurse and nursing educators shortage  
*(funds that will support efforts to address both the shortage of nurses and the shortage of nursing faculty across the state, including programs at NCA&T, NCCU, UNCC, UNC-CH, UNCG and UNCW)*
  - Designation as a minority-serving institution  
*(increase UNC Pembroke faculty competitiveness for federal grants through designation as a minority-serving institution)*
4. Provisions in the Higher Education Act reauthorization that strengthen Title III and other institutional capacity building programs; resist expansion of the definition of eligible institutions without a commensurate increase in available funding.

### K-16 Education

*The Board of Governors has placed a great deal of emphasis on the University's role in proposing and supporting initiatives that serve the needs of the State's public schools. These initiatives include the development of innovative teacher preparation programs, professional development initiatives, and programs, curriculum and materials to ensure the continuous improvement in the academic achievement of North Carolina's students. The University will seek to capitalize on Federal initiatives on behalf of the various campuses engaged in these types of innovative activities, including:*

1. Identifying and pursuing, in conjunction with the State Department of Public Instruction and local school districts, opportunities through the No Child Left Behind K-12 reform programs that support innovative university/K-12 partnerships in teacher recruitment, training and retention and the use of information technologies in education, including such initiatives as those proposed or underway at ECU, FSU, NCA&T, NCCU, NCSU, UNCC, UNC-CH, UNCG, UNC-OP, UNCP, UNCW, WCU and WSSU, the NC School of Science and Mathematics (NCSSM), and the Office of the President (UNC-OP).

## K-16 Education (cont.)

2. Pursuing program funding within the National Science Foundation, the Department of Education and other agencies relating to the improvement of math/science education and closing of the achievement gap in grades K-12, including initiatives such as those proposed or underway at ASU, FSU, NCA&T, NCCU, UNCA, UNCC, UNC-CH, UNCG, UNC-OP and UNCP.
3. Supporting provisions in the Higher Education Act reauthorization that: recognize and support the vital role played by schools of education in the recruitment, training and retention of teachers; develop appropriate measures of the success of those programs; and promote the use of technology in the classroom and as a means of improving student learning.

## Creation and Transfer of Knowledge

*The Board of Governors' Long Range Plan emphasizes the crucial role the University plays in expanding the frontiers of knowledge through scholarship and research, and stimulating economic development in North Carolina through research, technology transfer and public service activities. The Federal government plays a key role in supporting many of these efforts across the University. Therefore, the University will place particular emphasis on maximizing the Federal resources available to funds these various activities, including:*

1. Ensuring that the university is engaged extensively in local, regional and national homeland security and disaster preparedness programs. These efforts include:
  - Interacting with first responders, policy makers and decision makers at the local, state, and Federal level;
  - Participating in the development of future programmatic and regulatory responses that will ensure a safe environment on our campuses for students, staff and surrounding communities, while striking the appropriate balance between openness and security;
  - Identifying opportunities to bring the university's expertise to bear on the homeland and national security issues facing the nation, through multi-institutional, regional and/or state-wide initiatives (e.g., NC Partnership for Homeland Security, NC Disaster Institute), regional activities involving individual institutions (e.g, Center for Homeland Security and Disaster Management (UNCC), and individual campus initiatives (e.g., ECU, NCA&T, NCSU, UNC-CH, UNCG and UNCW).
2. Increasing competitively awarded support for university-based research, scholarship, public service and outreach from various Federal agencies. Federal awards to UNC institutions totaled more than \$631 Million in FY2003, including:
  - National Institutes of Health  
(UNC institutions received almost \$305M in 2002-2003)
  - Department of Education  
(UNC institutions received more than \$87M in 2002-2003)

## Creation and Transfer of Knowledge (cont.)

- National Science Foundation  
*(UNC institutions received more than \$56M in 2002-2003)*
  - Department of Defense  
*(UNC institutions received almost \$44M in 2002-2003)*
  - Department of Agriculture  
*(UNC institutions received almost \$17M in 2002-2003)*
  - National Aeronautics and Space Administration  
*(UNC institutions received over \$11M in 2002-2003)*
  - Department of Commerce  
*(UNC institutions received over \$11M in 2002-2003)*
  - Environmental Protection Agency  
*(UNC institutions received over \$7M in 2002-2003)*
  - Department of Energy  
*(UNC institutions received over \$6.5M in 2002-2003)*
  - Department of Transportation  
*(UNC institutions received almost \$3M in 2002-2003)*
  - Corporation for Public Broadcasting  
*(UNC received over \$740K in 2002-2003)*
  - National Endowments for the Arts and Humanities  
*(UNC institutions received almost \$780K in 2002-2003)*
3. Participating in the development of Federal legislation and policies that affect higher education and university-based research, including maintaining and promoting policies that encourage university-based research and technology transfer (i.e., Bayh-Dole and other intellectual property policies). Work collaboratively with the recording and media industry to accommodate the appropriate use of peer-to-peer applications and comply with copyright laws.
4. Seeking to capitalize on innovative initiatives being developed, or currently underway, across the various UNC campuses, including:
- Biotechnology/genomics:  
*\* work in collaboration with state-wide initiatives to ensure that North Carolina maintains a national leadership role in biotechnology, bioinformatics, proteomics, and genomics, including such initiatives as bioimaging, the Biomanufacturing Consortium and campus-based initiatives (e.g., at NCA&T, NCCU, NCSU, UNCA, UNCC, UNC-CH, UNCG, UNCP, WCU and WSSU).*

## Creation and Transfer of Knowledge (cont.)

- Environment and marine sciences:
  - \* *support continued Federal funding for the Southeast Atlantic Coastal Ocean Observing System (SEA-COOS), the Coastal Ocean Research and Monitoring Program (CORMP), and other, campus-initiated marine science initiatives (e.g., at ECU, ECSU, NCSU, UNC-CH and UNCW).*
  - \* *work to position North Carolina as the leader in national and international coastal ocean observing science;*
  - \* *identify and secure Federal funds to support multi-institutional marine science research, education and outreach programs.*
- Health and biomedical sciences:
  - \* *assist campuses in identifying and securing resources to augment or develop research and training programs in the health and biomedical sciences, including programs to improve health awareness (e.g., ECSU, NCSSM, NCSU, UNC-OP, UNC-TV, UNCW, WSSU) and health disparities research (NCA&T, UNCC, UNC-CH, UNCG, and UNCP).*
- Math, science and technology:
  - \* *secure additional funding for the Center for Optoelectronics and Optical Communications.*
  - \* *support campus-based efforts in faculty recruitment and retention and undergraduate research opportunities, with a particular focus in attracting women and minority students into the science, technology, engineering and mathematics (STEM) fields.*
  - \* *support community-oriented activities such as the Pisgah Astronomical Research, Science and Education Center (PARSEC).*
- Public service and economic development:
  - \* *secure additional funding for the North Carolina Agromedicine Institute, an important inter-institutional initiative designed to aid workers in the farming, fishing and forestry industries.*
  - \* *continue to assist the NC Congressional delegation in creating the SouthEast Crescent Authority (SECA) to promote the economic development of Eastern North Carolina and other states in the Southeast.*
  - \* *support Federal programs, including the Manufacturing Extension Partnership, which will assist individual campuses in their efforts to implement economic development initiatives to serve the communities throughout the state.*
  - \* *continue efforts to assist military bases in their interactions with local communities regarding environmental, education and municipal concerns and to ensure long-term sustainability.*
  - \* *seek funding for the National Program for Citizen-Soldier Support, a multi-campus initiative to improve family readiness programs.*
- Transportation:
  - \* *seek the continued support of the NC Congressional delegation and Governor's Office for the North Carolina Transportation Consortium, a multi-campus initiative designed to address statewide transportation issues, during consideration of Federal transportation reauthorization legislation.*

## Creation and Transfer of Knowledge (cont.)

5. Undertaking a sustained effort to increase the funding opportunities available to the constituent campuses and affiliate organizations through competitive grants from various Federal agencies, including the Departments of Commerce, Defense, Education, Energy and Homeland Security, as well as the National Science Foundation, National Institutes of Health, National Aeronautics and Space Administration, and the National Endowments for the Arts and the Humanities.
6. Support provisions in the Higher Education Act reauthorization that provide adequate and sustained support for graduate students in recognition of the vital role they play in creating and advancing knowledge, and in providing valuable research and learning experiences to undergraduate students.

## Internationalization

*The Board of Governors Long-Range plan includes a strategic direction on internationalization, which reflects the University's commitment to promote an international perspective throughout the University community to prepare students to become leaders in a multi-ethnic and global society. Toward that end, the University will support initiatives to increase opportunities for international education, collaboration and research, including:*

- Promoting funding and initiatives that encourage international education and research opportunities for UNC students and faculty:  
*urge increased funding for international education programs through the Department of State, the Department of Education, and the Department of Defense;*
- Providing international educational opportunities to North Carolina's citizens:  
*identify and pursue funding that will support university-wide efforts to make international educational programs available to the people of North Carolina.*
- Promoting increased opportunities for international collaboration:  
*support Federal initiatives that would encourage and facilitate international research, educational and public service collaboration among UNC institutions, NC organizations and international partners in various fields and disciplines.*
- Ensuring continued opportunities and success for UNC international programs:  
*assist the Departments of State and Homeland Security in implementing effective and reasonable student/scholar visa requirements, including fee charges; continue to monitor impact on campuses of SEVIS and US VISIT to make sure that appropriate balance between security and opportunity is achieved.*
- Promoting improvements to Title VI (International Programs) of the Higher Education Act:  
*strengthen and broaden opportunities to create partnerships between K-12 and higher education to include more international content in the K-12 curriculum; expand opportunities for college and university students and faculty to engage in international education experiences; ensure that oversight of federal programs is clearly defined and appropriate in scope.*



## Transformation and Change

*The Board of Governors seeks to use the power of information technology and more effective educational, administrative, and business practices to enable the university to respond to the competitive global environment of the 21<sup>st</sup> century. The Federal government is serving as a catalyst to the many efforts in higher education to harness the power of information technology. Accordingly, the University will seek to take advantage of those various opportunities, including:*

- Integrating information technology into the learning environment  
*support an evolving nation of learners through sustainable infrastructures, applications and content creation; support existing and proposed federal programs that provide funds for networking capabilities at minority-serving institutions; participate in collaborations such as the Departments of Commerce and Education initiative to obtain and create knowledge in personalized ways.*
- Developing K-20 e-learning resources  
*Work with public schools and community colleges to use multi-media resources to provide educational/development programs in a variety of professional fields.*
- Applying DTV technology to distance education, instruction and public service  
*develop collaboration with national public television and higher education associations to secure Federal funding for pilot projects; pursue independent opportunities for UNC-TV to maximize the potential of digital broadcasting.*
- Developing North Carolina grid computing technology  
*Work with various NC organizations to build a statewide grid infrastructure that will enable secure access to distributed research, education and administrative resources; secure funding to develop applications that will significantly benefit the NC economy and university/industry research capabilities.*
- Developing and publicizing useful and appropriate accountability measures  
*Ensure that any accountability-related provisions in the Higher Education Act reauthorization will provide students, parents, policymakers and the public with information that is useful and appropriate, without being overly burdensome on institutions of higher education.*