



# The University of North Carolina

## 2003 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.

### 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 2000-2001, more than 33,600 UNC students received almost \$84M in Pell grants)*
  - Increase Supplemental Educational Opportunity Grants  
*(grant assistance to low-income undergraduates; in 2000-2001, more than 7,900 UNC students received more than \$7.3M in SEOG funds)*
  - Increase funds for the Federal Work Study program  
*(assistance provided to campuses to help undergrad/grad students pay for college through part-time work; in 2000-2001, almost 6,400 UNC students earned over \$7.6M in work study aid)*
  - 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.)*

## Ensure Access to Higher Education (cont.)

- Increase funding for the GAANN and Javits graduate fellowship programs; change 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.)*

## 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, 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, that support research and education capacity building at HBCU's and other minority institutions)*
- National Science Foundation programs  
*(programs supporting the incorporation of computational modeling and simulation into science and engineering curricula to attract women and minority students to math, science or engineering fields)*

### 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)*

## Intellectual Capital Formation (cont.)

- 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)*
- Corporation for Public Broadcasting programs  
*(infrastructure and facilities grants, as well as programming resources utilized by UNC-TV)*

## 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 emerging through the No Child Left Behind programs (K-12 reform) that support innovative university/K-12 partnerships in teacher recruitment/preparation/training/retention and the use of information technologies in education.
2. Pursuing program funding within the National Science Foundation, the Department of Education and other agencies relating to the improvement of math/science education in grades K-12, such as the NC-PIMS grant recently awarded by NSF and initiatives being proposed by institutions including UNC-Pembroke and the NC School of Science and Math.
3. Working with members of the North Carolina Congressional delegation and Governor's office, as well as national higher education organizations, to identify and develop strategies regarding issues of primary importance in preparation for the reauthorization of the Higher Education Act in 2003/2004.

## 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:*

## Creation and Transfer of Knowledge (cont.)

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, state-wide initiatives (e.g., NC Disaster Institute), regional activities involving individual institutions (e.g, Center for Homeland Security and Disaster Management (UNCC), and individual campus initiatives (e.g., NCSU, UNCW, UNC-CH, and ECU).
  
2. Increasing support for university-based research, scholarship, public service and outreach at various Federal agencies, including:
  - National Institutes of Health  
*(UNC institutions received more than \$273M in 2001-2002)*
  - National Science Foundation  
*(UNC institutions received more than \$66M in 2001-2002)*
  - Department of Education  
*(UNC institutions received almost \$64M in 2001-2002)*
  - Department of Defense  
*(UNC institutions received almost \$30M in 2001-2002)*
  - Department of Agriculture  
*(UNC institutions received more than \$24M in 2001-2002)*
  - Environmental Protection Agency  
*(UNC institutions received almost \$19M in 2001-2002)*
  - Department of Commerce  
*(UNC institutions received almost \$15M in 2001-2002)*
  - National Aeronautics and Space Administration  
*(UNC institutions received almost \$9M in 2001-2002)*
  - Department of Energy  
*(UNC institutions received almost \$8M in 2001-2002)*
  - Department of Transportation  
*(UNC institutions received more than \$6M in 2001-2002)*
  - Corporation for Public Broadcasting  
*(UNC received almost \$2M in 2001-2002)*
  - National Endowments for the Arts and Humanities  
*(UNC institutions received more than \$300K in 2001-2002)*

## Creation and Transfer of Knowledge (cont.)

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, including the NC BioGrid and the North Carolina Genomics and Bioinformatics Consortium, and support campus-based initiatives (e.g., at NCSU, UNCG, UNC-CH, UNCA, WCU, and UNC-P), to ensure that North Carolina maintains a national leadership role in biotechnology, bioinformatics, proteomics, and genomics.*
  - Environment and marine sciences:
    - \* *continue to seek 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, NCSU 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.*
  - Math, science and technology:
    - \* *secure additional funding for the Center for Optoelectronics and Optical Communications.*
    - \* *support math and science education, including campus-based efforts in faculty recruitment and retention effort and undergraduate research opportunities, and community-based activities such as the Pisgah Astronomy Research Institute (PARI).*
  - 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.*
    - \* *identify Federal programs that will assist individual campuses in their efforts to implement economic development and other types of public service initiatives to serve the communities in various regions of the state.*
  - Transportation:
    - \* *seek the support of NC Congressional delegation and Governor's Office for the North Carolina Transportation Consortium, a multi-campus initiative designed to address state-wide 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 and NASA.

## Internationalization

*The Board of Governors has recently revised the strategic directions included in its Long-Range plan to include 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 INS and the Department of State in implementing effective and reasonable student/scholar visa requirements; monitor impact on campuses of SEVIS to make sure that appropriate balance between security and opportunity is achieved.*

## 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*
- Applying best practices in the expansion of e-learning (internet-based) programs for UNC  
*assist UNC-wide efforts in teaching and learning with technology to secure Federal funding for supporting interoperability and compatibility of online learning course delivery and support services.*
- 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.*
- Promoting higher education, business and local government collaborations in networking and connectivity to provide access to the Internet and other networked resources to citizens within various regions across North Carolina  
*identify Federal resources to support regional networking and connectivity for the education sectors and other regional community initiatives.*
- Transforming Education and Training through advanced technologies  
*participate in collaborations such as the Department of Commerce initiative to obtain and create knowledge in personalized ways.*