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Please direct queries or feedback about this issue to terry_crow@ncsu.edu.
The Sodfather:
The NCSU Libraries Honors Jim Graham

BY BERNIE MCTIGUE, SPECIAL COLLECTIONS

The NCSU Libraries has begun a celebration of North Carolina Commissioner of Agriculture Jim Graham’s political career as he steps down from political office. Graham served as North Carolina’s commissioner of agriculture for thirty-six years. He is one of the state’s most cherished public servants and one of NC State’s best-known graduates. To honor his years of service to the university and to the state, the library has mounted an exhibition and developed several lasting tributes to commemorate Graham.

The library exhibit “The Sodfather: A Friend of Agriculture in North Carolina” opened to the general public in the D. H. Hill Library on January 4, 2001, and it will run through April 4. The exhibit uses photographs and artifacts to describe Graham’s work to promote and develop agriculture in North Carolina. Complementing the documentation of Graham’s achievements are materials drawn from the library’s Special Collections Department that show how the state’s largest land-grant university has contributed to the improvement of North Carolina’s economic bases. Additionally, a virtual exhibit mounted by Special Collections enables off-site perusal of materials displayed in the exhibit and the opportunity to read The Sodfather, Graham’s recollections of his career as “a friend of agriculture.” The virtual exhibit can be found at: http://www.lib.ncsu.edu/archives/exhibits/sodfather/.

Before the exhibition opened to the general public, the library hosted two private receptions for Graham, his family, members of state government and the university community, and his many friends to acknowledge and thank Graham for his long and distinguished service to North Carolina and to allow a private showing of exhibition materials.

To provide a permanent legacy in honor of Graham, the library also has embarked on several initiatives to expand and enhance the resources available to researchers studying the history of North Carolina agriculture. The centerpiece of the Special Collection Department’s research collections will be Graham’s personal papers and memorabilia. Additionally, Graham’s friends and family have created the Jim and Helen Ida Kirk Graham Agricultural Heritage Endowment to acquire books, journals, and electronic media relating to agriculture for the general library collections. Contributors to this endowment include the North Carolina Credit Unions, Randolph Electric Membership Corporation, and Southern States Cooperative, Inc.

Another initiative entails identifying and collecting the records of agricultural leaders, organizations, and businesses involved in agriculture or agribusiness activities in North Carolina. The library will gather unique source materials in fields such as tobacco cultivation and manufacturing, hog farming, poultry production, and dairy farming. These resources will permit
students and researchers to explore major developments in the state’s economic history.

Graham, who is seventy-nine, has served as agriculture commissioner since he was first elected in 1964. The state’s top leaders have praised his role in helping North Carolina’s farmers and agricultural businesses. Former Governor Terry Sanford wrote, “All citizens, businesses and institutions [in North Carolina] will long benefit from his career of service.” Governor James B. Hunt noted that “Jim Graham has done more for our farmers and the agriculture industry than anyone in the history of our state.” William Friday, president emeritus of the University of North Carolina system, said of Graham, “I know that his energies and dedication have been spent building a greater state and for that uncommon spirit and commitment, we owe him our profound gratitude.”

Funding for the exhibition and related events has been provided by Biltmore Estates Winery; Brown & Williamson Tobacco Corporation; College of Agriculture and Life Sciences, North Carolina State University; Food Lion, Inc.; Friends of the Library of North Carolina State University; North Carolina Pork Council, Inc.; Philip Morris U.S.A.; R J Reynolds; Santa Fe Natural Tobacco Company; Universal Leaf Foundation; and the Wolfpack Club.

Jim Graham’s friends and colleagues have founded an endowment, the Jim and Helen Ida Kirk Graham Agricultural Heritage Endowment, to support the Commissioner James A. Graham Collection. As the endowment grows, it should also provide enough income to endow acquisition and preservation of other important documents relating to North Carolina agriculture and agribusiness.

Anyone may make a gift in support of the Graham endowment. To make a donation, simply send a check made out to “Friends of the Library” and mail it to Friends of the Library, Campus Box 7111, NC State University, Raleigh, N.C. 27695-7111. Donors may also telephone (919) 515-2841 if they have questions. Support of this endowment helps the library to honor Commissioner Jim Graham and to preserve the history of North Carolina agriculture and agribusiness.

All materials purchased or preserved with funding from the Jim and Helen Ida Kirk Graham Endowment will be marked with a special bookplate. Everyone who gives to the fund will receive a copy of the bookplate.
Center for South Asia Studies

BY CHRIS FILSTRUP, FORMERLY WITH COLLECTION MANAGEMENT, ORGANIZATION, AND PRESERVATION

The NCSU Libraries, as part of its global perspective on collection development, is supporting a new National Resource Center for South Asia. With U.S. Department of Education funding, the library is purchasing books, journals, and videos in Urdu, Hindi, and English that were published in India and Pakistan.

The study of South Asia has a long history among Triangle Research Libraries Network (TRLN) campuses. Duke University has collected South Asian materials since the early 1960s. A number of faculty at UNC–Chapel Hill and NC State have strong research interests in South Asia. Under the leadership of NC State Professor of Religion Tony Stewart, scholars of South Asia on the four TRLN campuses pooled intellectual resources to form the Triangle South Asia Council (TriSAC). This multi-campus body proposed a shared South Asia center to the Department of Education. The result is federal funding of $1 million to support a center for three years. The benefits to NC State are courses on South Asia, especially on Hindi and Urdu; vigorous outreach activities that bring the richness of South Asian culture and history to the citizens of North Carolina; and significantly increased library collections that support teaching and research.

The center is a pioneer in the area of library materials and staff, because the four campuses will share a single South Asia bibliographer and will build a single, coordinated collection. The Department of Education found this level of cooperation especially attractive in deciding to fund the center, because it spreads collection benefits to four campuses rather than just one.

The shared bibliographer will work with collection development librarians, faculty, and students on all four campuses to build a unified South Asia collection that has a minimum of duplication. This coordination is especially important for South Asian languages other than English. These are usually called vernacular languages, and they are written in several non-Roman scripts. They require linguistic expertise to identify, acquire, and process. The beauty of the shared bibliographer position is twofold. First, each individual library does not have to hire a specialist. One specialist works for all the libraries. Second, a single bibliographer will be able to coordinate collection building and avoid duplication. Only materials needed for instruction will be purchased in multiple copies. Working with TriSAC, the three largest TRLN libraries agreed to share responsibility for Hindi and to split responsibility for the following languages: NC State, Urdu; UNC–Chapel Hill, Tamil; Duke, Bengali and Persian. Having the collection in separate locations should not pose problems for users because NC State’s TRIPSaver service is being extended to all TRLN libraries. Through this quick delivery service, patrons on any campus can request materials from another TRLN library and receive the materials within twenty-four to forty-eight hours.

A great research library is not only large; it is diverse. The development of the South Asian center will bring a good sample of South Asian publishing to the stacks. ❖
Hugh Devine Receives NCSU Libraries Faculty Award

BY SUZANNE WEINER, FACULTY AWARD COMMITTEE

Hugh A. Devine, professor of Parks, Recreation, and Tourism in NC State’s College of Natural Resources, received the 2000 NCSU Libraries Faculty Award during the Friends of the Library’s annual Fall Luncheon on November 8, 2000. Devine, who was in Hawaii on November 8 at a conference, accepted the award via a live “net meeting” held on the Internet. Hal Meeks, a computer consultant with NC State, coordinated the technology required to hear Devine’s acceptance from Hawaii. The award is presented annually to an NC State faculty member in recognition of outstanding contributions that support the Libraries’ mission and its role within the university.

Devine has acted as a partner with the Libraries on many projects, most notably in his contributions to the Geographic Information Systems (GIS) efforts. He helped the library’s GIS team in the formulation of its vision and is working with library staff in a university-wide project to provide access to spatial data that address regional planning needs across the state.

Devine’s collaboration with library staff has also extended into the area of teaching and learning. His work on the Student-Directed Information-Rich (SDIR) Undergraduate Education Project illustrated his commitment to the integration of the library into instruction. The SDIR project was a test bed for the development of new models and applications for delivering multimedia course materials and library information to students via the Web and helped to raise awareness of the NCSU Libraries’ role in the education of both students and faculty.

As a member of the university’s Educational Technologies Interest Group, Devine was among the first to articulate faculty needs for a university learning technology center and immediately recognized the value of the Libraries’ role in developing and managing such a service. His invaluable contributions to the library over the last decade make Hugh Devine a most deserving recipient of the NCSU Libraries Faculty Award.
GIS Services at the NCSU Libraries

BY STEVEN MORRIS, RESEARCH AND INFORMATION SERVICES

The NCSU Libraries’ Geographic Information Systems (GIS) services have steadily been developed and enhanced since 1992. By facilitating the input, storage, manipulation, and display of geographically referenced data, GIS allow users to relate disparate information on the basis of common geographic location. In addition to providing online access to data resources, the library’s GIS services offer users technical support, training, and workstation access. Substantial enhancements have occurred recently in the area of data collection development, user training, and collaboration with off-campus organizations.

One key data acquisition has been statewide coverage of one-meter resolution Digital Orthophoto Quarter Quadrangles (DOQQs) from the U.S. Geological Survey. The DOQQs consist of digital orthophotography, in which displacements associated with terrain and camera angle are corrected to create digital photographic maps, which have proven to be the most frequently requested resource in the library’s GIS data collection. Through partnerships with state agencies, added-value versions of the DOQQs are available to campus users as well.

Using funds from a $20,000 University Extension Grant for a project titled “Building a Database of Local Government Geodata Resources,” the library began another data acquisition effort concentrated on GIS data from North Carolina local government. Data resources that are typically available from county and sometimes city governments include high-resolution digital orthophotography, land-parcel data, land-use data, street centerlines, topographic contours, and various infrastructure and cultural data layers. Initial data acquisition efforts have focused on the Neuse and Tar river basins, as well as coastal North Carolina. The goal is to acquire data for fifty counties by summer 2001.

The library’s GIS workshop program has been supplemented by a campus subscription to the Environmental Systems Research Institute (ESRI) Virtual Campus online GIS training modules, to provide a training component that complements the library’s model for time- and location-independent access to GIS data resources. The subscription, which was secured with the support of NC State Humanities Extension and Publications, allows NCSU faculty, staff, and students to enroll in any of more than twenty online GIS courses and learn at their own pace. The Web-based training supplements the extensive Web-based GIS documentation maintained by the Libraries.

Efforts to improve public access to GIS data have also gone forward. The Web-based Upper Neuse Region Data System, developed as a collaborative effort of the College of Natural Resources, the Libraries, and the North Carolina Cooperative Extension Service, has been supplemented by the Western North Carolina Data System, created by the same partners. This online mapping service provides public, interactive access to more than ninety different mapping data layers, such as streets and flood zones, for the twenty-four westernmost counties of the state.

Collaboration with North Carolina state agencies has deepened in the past two years. In spring 2000 the NCSU Libraries entered into a memorandum of agreement with the North Carolina Center for Geographic Information and Analysis (CGIA) for campus access, via the library, to state government GIS data. Steve Morris, as the library’s leading GIS expert, served on the state government Internet Map Server Work Group, which was responsible for requirements analysis and initial design of the new state government map server, ncmapnet.com. The map server provides public access to state government GIS data resources. Morris also represents the University of North Carolina system on the State Mapping Advisory Committee.
As a reflection of the growing role of GIS and data in the mix of library services, two new half-time positions have been added to its data services operation, a data services librarian and, for two years, an NCSU Libraries Fellow. Future directions for library GIS services include developing remote and thin-client access to very large data resources. As data holdings grow exponentially larger in size, and as the user population becomes more diverse and geographically dispersed, a need will arise to facilitate flexible, interactive access to data resources by both on- and off-campus users of varying skill levels. For more information about the Libraries’ GIS services, go to URL http://www.lib.ncsu.edu/stacks/gis/. Queries should be directed to Steve Morris, Data Services, at (919) 513-2614; electronic-mail address: steven_morris@ncsu.edu.

Library Tours Reveal Library Treasures

The NCSU Libraries has been developing tours of the main D. H. Hill Library to introduce students in the K-12 age group to library research at NC State. Josh Boyer (Distance Education) and Tripp Reade led three tours, each offering a different approach to provide not only information, but also to encourage a sense of wonder about libraries.

The first tour, for seventeen East Clayton fifth graders and Media Coordinator Sherri Godwin, occurred last January. It offered selective coverage of various library departments, a spin through the maps collection to see aviation and nautical charts as well as a U.S. Geological Survey map of Clayton, a catalog search for UFO material, and a visit to Special Collections to see beautifully illustrated books. The students took photographs and later compiled a media scrapbook of the trip.

In April media coordinator Virginia Penny and her seven assistants at South Johnston High School visited the D. H. Hill Library as part of a day-long trip that included a collection-building excursion to Barnes & Noble. The library shaped the tour to their purpose. Orion Pozo (Collection Management) spoke with them about collection development and management, which tools are most useful, and where one looks for purchases. The students then visited a computer lab in the library, where they explored netLibrary, electronic books, and MyLibrary@NCState. The tour concluded in Special Collections, where a feast of bibliographic treasures covered a table: novelist Lee Smith’s papers, an NC State cheerleader uniform, photographs of the 1893 football team, and entomology books illustrated with insects colored like gemstones.

Linda Pearson and her fifth-grade media helpers from Rand Road Elementary School visited in May. Barb Dietsch (Research and Information Services) and Suzanne France (Interlibrary Loan and Document Delivery Services) worked with Special Collections to craft a treasure hunt. The group, subdivided among four computers in the reference area, received a list of five items to find—first the call number in the catalog and then the actual item in the library. Among the items were the works of Shakespeare written in Urdu, newspapers made of rice paper, and a 1906 ROTC sword.

The library has learned to fit each tour to the audience. There is a way to reach just about anyone, and the library can create customized tours to reach a variety of individuals. The secret for the guide is to make the tour as interactive as possible and then to know enough to get out of the way.
In the last year, the NCSU Libraries’ Assistive Technologies Center (ATC), located on the mezzanine in the D. H. Hill Library, has upgraded its technology dramatically to provide ongoing, high-quality service to individuals with disabilities who need to use library resources. The ATC is one of the most advanced facilities of its kind at NC State, and it plays an important role in ensuring that students with disabilities have convenient and independent access to library materials and equipment they need to succeed at NC State. The ATC is open during the D. H. Hill Library’s hours of operation and is available to any member of the NC State community who has a need for the information technologies it provides.

Changes and improvements in assistive technology occur rapidly. It is a recurring challenge to maintain awareness of upgrades and ensure that the latest hardware and software is available in the ATC. David DeFoor and Katherine Dexter of the Research and Information Services Department oversee ATC operations. DeFoor, a computing consultant, has primary responsibility for technical support. During the past year, he has upgraded existing equipment and deployed new assistive technologies. Dexter, the disability services coordinator, has worked with DeFoor to implement software improvements, such as the new versions of screen-reader software JAWS, pwWebSpeak, and IBM HomePage Reader. This type of software provides voice output of electronic text, whether a Web page or a word-processing document. A new Kurzweil voice output system is also available in the ATC, allowing users to scan a document and receive voice output of the text. Updated versions of voice input dictation software (Dragon Naturally Speaking), as well as screen magnification software (ZoomText), have also been deployed.

Another new piece of equipment in the ATC is an updated closed circuit television, which is a magnification device for those with visual impairments. It is attached to a computer and allows a user to view a split screen—one part of the screen displays an electronic document (such as a word-processing document or Web page), and the other part allows a magnified view of a physical object such as a book or journal article. This enables a user with a visual impairment to write a paper using word-processing software while simultaneously consulting a magnified view of a reference source for the paper, such as a book.

Plans for the near future include deploying a Braille printer (along with text-to-Braille translation software) in the ATC and a refreshable
Braille display so users can read online text in Braille. Regular updating of existing software as new versions become available is also a priority in the ATC. Assistive technology is an important and dynamic area of interest on campus, and the ATC will continue to provide the latest in assistive technologies to the NC State community. For more information about the ATC, visit its Web site: http://www.lib.ncsu.edu/risd/atc/.

Reinventing the Knowledge Wheel

By Peggy Hoon, Scholarly Communication Center

By all accounts, North Carolina State University’s first all-day Scholarly Communication Colloquium, held on October 5, 2000, proved an unqualified success. More than 230 participants attended the colloquium, entitled “Reinventing the Knowledge Wheel: Leading the Revolution in the Ownership and Management of Scholarship.” The event, cosponsored by the NCSU Libraries, the Office of the Provost, and the Scholarly Communication Subcommittee of the University Library Committee, provided informative, timely, and well-received insights into copyright ownership and management issues for academics with respect to scholarly journal publications and teaching materials.

James G. Neal, Sheridan director of the Eisenhower Library at Johns Hopkins University, opened the event with a presentation entitled “SPARC: Returning Science to Scientists.” The Scholarly Publishing and Academic Resources Coalition (SPARC) was instituted to leverage library resources and influence, stimulate market forces, and provide support for new models of scholarly publishing. With more than 200 members, SPARC has created numerous publishing partnerships resulting in journals that compete head-to-head with the high-priced journal publishers. Neal elucidated the key issues in publishing scholarly research, including the imbalance in the price of information relative to its value and source costs and the imbalance in information authorship, ownership, and property rights. He also discussed the underlying differences in the goals, strategies, and reward systems between the worlds of scholarship and commerce.

The next speaker, Michael Rosenzweig, became a publishing partner with SPARC to develop the journal Evolutionary Ecology Research. He inspired and motivated many in the audience with his vivid description of the
collision of values between academics, who are primarily interested in the dissemination of information, and for-profit publishers, whose bottom line is usually concerned with profit margins. He urged faculty to educate themselves on this situation and to take a stand in favor of open scholarly communication.

The final morning speaker was Richard Lucier, founding university librarian for the California Digital Library (CDL), who spoke about “E-Scholarship: Scholar-Led Innovation in Scholarly Communication.” He described CDL’s vision of an integrated digital system for scholarly information management, which is based on the belief that effectively managing the continuous and rapid increase of information is a more significant driving force than the increasing cost of publication. The CDL has developed its electronic scholarship Web site to provide an infrastructure for digital scholarly communication by communities of scholars. One example is “University E-Pub”—a database of self-archived scholarship in the sciences of physics, mathematics, and computer sciences—which will be available in January 2001. Lucier also discussed other exciting projects currently in progress at CDL.

Left to right, first photo above:

Colloquium participants on Panel 1 were Laura Gasaway (UNC–Chapel Hill), Benjamin Speller (NC Central), Peggy Hoon (NCSU Libraries), David Danehower (NC State), James Neal (Johns Hopkins University), and Provost Hall.

Left to right, second photo above:

Participants on Panel 2 were Provost Hall, Gretchen Bataille (UNC General Administration), and Hadley Cocks (Duke University).
The afternoon sessions addressed the challenging issues involved in copyright ownership and management of works created in the academic setting. Provost David Shulenburger of the University of Kansas gave the keynote address. As he so eloquently stated, the challenges facing scholarly communication are not a library problem, but rather a problem for all faculty and scholars. Shulenburger has been intimately and actively involved in issues of scholarly communication for many years and recently facilitated the discussion leading to the development of the “Principles for Emerging Systems of Scholarly Publishing,” commonly known as the Tempe Principles. Those principles are currently under discussion on campuses across the country and promote the concept of common ownership of these works—that is, that research and scholarship are products of social collaborations and are assigned ultimately to the community. These principles, as well as a thorough presentation of the facts concerning costs involved in scholarly communication, can be viewed at http://www.lib.ncsu.edu/scc/Power4/index.htm.

The final speaker was Professor Dan Burk of the University of Minnesota School of Law, who discussed copyright law as it intersects with intellectual property traditions and policies concerning ownership of scholarly works and course materials. The challenge of a good copyright ownership policy is to reward stakeholders fairly while providing sufficient incentives to create quality works. The insights and information provided were stimulating and laid the groundwork for the subsequent panel discussions.

The first panel discussion, moderated by NC State Provost Kermit Hall, was composed of David Danehower (NCSU), Laura Gasaway (UNC–Chapel Hill), Peggy Hoon (NCSU), James Neal (Johns Hopkins), and Benjamin Speller (NC Central). Hall led the panelists through a role-playing scenario portraying the positions of a faculty member, university counsel, university president, consultant, and state legislator. The panelists, given the scenario of a faculty member who has created a marketable course using various resources, effectively illustrated the multiple perspectives involved.

The closing panel consisted of Hall, Gretchen Bataille (UNC General Administration), and Hadley Cocks (Duke University). Bataille and Cocks presented and discussed the new and proposed copyright ownership policies at their institutions, each of which can be found at http://www.lib.ncsu.edu/scc/colloquium.html.

The colloquium provided a forum for the significant exchange of information among participants, who had gathered together as a community to address the challenging issues concerning scholarly communication and intellectual property.
Cricket tacos, deep-fried mealworms, and other delicacies tickled the palates of a panel of brave judges and attendees at the NCSU Libraries’ Bug-O-Rama festival, which was held on September 8 and 9, 2000. The cook-off, judged in the D. H. Hill Library, was just one of a swarm of fun, family-oriented activities that filled the two-day event organized as a lighthearted way to promote awareness of the library’s world-renowned entomology collections. The festival received funding through a grant from Aventis CropScience and from the Friends of the Library.

The Bug-O-Rama celebration of bugs and the imagination included an exhibit and reception, discussion panel, insect cuisine cook-off, bug costume contest, free viewing of the film *Mothra*, and clips from entomology educational films of the 1950s. Students from area universities, NC State faculty and alumni, and members of the Research Triangle community attended to learn more about bugs.

Katherine Shelburne, Frances Schultzberg, and Ruth Brunstetter. The Westwood exhibit, which ran through December 8, highlighted illustrations found in the Special Collections Department’s rare book collection in which Westwood was the primary author, illustrator, or sponsor. An online version of the Westwood exhibit can be found at: http://www.lib.ncsu.edu/archives/exhibits/westwood/.

The festival’s panel discussion provided a fascinating discussion by NC State faculty Joe Gomez (film studies), John Kessel (English/science fiction), Will Kimler (history of science), and Ron Kuhr (cultural entomology), who shared their perspectives on insects and the roles they play in our lives and culture. Attendees of all ages enjoyed the whimsical festival and the varied observations on bugs and their impact on our lives.

Tripp Reade (left) and Maryjo George (right) of the NCSU Libraries were two of the brave judges for the insect cook-off.

For some, crickets remain an acquired taste!
Focus, a newsletter published three times a year, seeks to promote the services, activities, needs, and interests of the NCSU Libraries to the university, the Friends of the Library, and beyond.

Editor: Terrell Armistead Crow.

NCSU Libraries Homepage: http://www.lib.ncsu.edu/

SPECIAL COLLECTIONS DEPARTMENT EXHIBITS SCHEDULE

**JANUARY 4 TO APRIL 4, 2001—**
The Sodfather: Jim Graham, A Friend of Agriculture in North Carolina.
D. H. Hill Library.

**FEBRUARY 9 TO APRIL 4, 2001—**
How To Live Royally on a Little: Jane McKimmon and the Home Demonstration Program in North Carolina.
D. H. Hill Library.

**February 15 to May 18, 2001—**
Celebrating 100 Years of Women at NC State.
D. H. Hill Library.

**APRIL 6 TO JULY 2, 2001—**
Advisers to the Nation: National Academies and NC State University.
D. H. Hill Library.