**Facilities, Equipment and Other Resources**

**Overview**.

The University of North Carolina at Greensboro (UNCG) is a comprehensive doctoral research institution with approximately $30,000,000 in annual federal research funding support serving 15,783 undergraduates and 3,372 graduate students for Fall 2016. Of these students, 41% of undergraduates (n=6657) and 35% of graduate students (n=1185) are enrolled in Science and Math departments at UNCG. UNCG is classified by The Carnegie Foundation as a Research University with “Higher Research Activity-R2” and a “Community-Engaged Institution”, one of only 50 such institutions in the country to have both.

Of the 17 constituent institutions that comprise the University of NC system, UNCG has the most diverse student population of the majority-serving campuses. UNCG is a Minority Serving Institution with an undergraduate student body in 2016 consisting of approximately 32.1% African Americans and 8.2% Hispanic or Latino Americans. Furthermore, the percentage and count of students from groups underrepresented in science has increased by approximately 60% since 2009. Females now make up ~66% of undergraduate students at UNCG. UNCG also serves a significant proportion of students with financial need, with approximately 45% of UNCG students eligible for need-based Pell Grants in 2015, leading the U.S. Department of Education to officially recognize us as a Title III Part A institution.

UNCG continues to build on a rich history of undergraduate research in biomedical disciplines. A campus survey found that 639 undergraduates were engaged in faculty-mentored research during the 2014 academic year. Women make up ~67 % of these students engaged in undergraduate research, and ~25% are from under-represented race/ethnicity groups.

Graduation rates at UNCG are in line with four-year public institutions (55% six-year graduation rate) and African-American students graduate at a slightly higher rate than their European-American contemporaries. Freshman retention rate has trended up at UNCG, reaching an average of 77% for the Fall 2013-15 cohorts, compared to an average of 75% for Fall 2010-2012 cohorts. UNCG regularly receives national recognition for successes with underserved populations. UNCG is one of just 13 public four-year institutions nationwide, to be featured in a new report by the U.S. Department of Education highlighting institutions across the country that are making significant strides in increasing graduation rates among Pell Grant-eligible students.

**Core Institutional Support**

**Office of Institutional Research.** The mission of the Office of Institutional Research (OIR) is to aggregate, analyze, and disseminate accurate and timely information in support of institutional planning, policy formulation, and decision-making for internal and external constituencies.

The OIR staff develop and support a wide variety of institutional data files, surveys, and reports. In addition, staff members provide consultation, recommendations, and service on institutional committees and work groups to support and advance the mission of the institution.

**Office of Assessment and Accreditation.** The mission of the Office of Assessment and Accreditation is to promote and support a culture of evidence and continuous improvement at UNCG.

The Office of Assessment and Accreditation:

* Seeks to promote the scholarly practice of assessment at UNCG by promoting assessment activities
* Consults with campus committees to address assessment questions and concerns
* Ensures proper academic program planning and reporting
* Coordinates and facilitates administrative and academic assessment training
* Responds to Southern Association of Colleges and Schools (SACS) accreditation requirements

**Instructional Technology Services (ITS) Department.** ITS offers research computing support and training, and provides recommendations for software packages and computing platforms for use in the research or creative process. ITS staff are available help evaluate research technology needs and recommend solutions. Services range from simple consulting for hardware and software purchases to sever hosting and other infrastructure solutions.

UNCG computing environments offer opportunities for communication on campus and throughout the world. A Linux/Apache/PHP architecture powers the academic computing environment providing web hosting, application hosting, file space, and resources for research. Centrally-managed software available to all campus researchers includes a variety of statistical and mathematical analysis programs, such as SAS, SPSS, AMOS, Stata, Matlab and Mathematica; qualitative data analysis software Atlas.ti and on-line survey software Qualtrics. Data and reference management tools such as Microsoft Access and EndNote are also available. The technology infrastructure at UNCG is developed and maintained by a highly qualified team of certified systems, networks, database and infrastructure engineers. UNCG technology Infrastructure and services are monitored centrally by a Service Operations Center that is fully staffed 24x7x365. ITS also maintains a professionally staffed Service Desk that provides a vast array of critical technical support services to the University’s faculty, staff and students, including an online, web-based Self- Service Portal where all members of the faculty, staff, and student community can access support for technical needs 24 hours per day/7 days per week.

**University Libraries**. The library system consists of one central unit, the Walter Clinton Jackson Library, and branch libraries in many colleges.

In addition to an outstanding collection of over 2.4 million volumes of books, government documents, recordings and scores, the Libraries also provide extensive virtual resources through its web site including over 40,000 electronic journals, over 300 databases and over 300,000 electronic books. Most electronic resources may be accessed by researchers from any location. Faculty may borrow directly from the 16 other University of North Carolina libraries and several academic libraries in the Piedmont Triad. Interlibrary loan is available and desktop delivery of articles held in the Libraries in print is also provided. The Libraries maintain over 5,000 web sites on subjects ranging from University Archives and Special Collections to portals for specific courses and databases of our journal holdings. All academic departments and programs have a Libraries’ liaison that work closely with faculty to ensure that the resources fit their needs and to assist with research. Specialized services to faculty include electronic journal publishing support, digital image hosting, data services and digital media services.

The University Libraries hosts an Institutional Repository, NC DOCKS, (https://libres.uncg.edu/ir/uncg/) that houses faculty publication and research so that they are available worldwide to anyone.

**Department of Environmental Health and Safety.** Environmental Health and Safety is a service-oriented organization dedicated to support the University's overall mission by inspiring a cultural environment of shared responsibility. This is accomplished by providing support services that include, but not limited to, education, resources, special services, oversight, and guidance in the following areas:

* Radiation Safety
* Fire and Life Safety
* Biological Safety
* Chemical and Laboratory Safety
* Occupational Safety
* Emergency Management
* Hazardous Waste Management
* Environmental Compliance

**Research Services & Fiscal Management**

The university’s **Office of Research and Engagement** provides intramural research support in the form of competitive grants. These funds are to be used to initiate or enhance research, scholarship, and creative activities. Several types of internal grants are available to support early stage investigators. New Faculty Research Grants are available to untenured, tenure-track faculty below the rank of professor in their first year of appointment. Summer Excellence Research Grants are available to untenured, tenure-track faculty and are used exclusively for summer salary. Competitive Regular Faculty Grants are available to support tenure-track faculty beyond the rank of assistant professor. This grant mechanism is specifically geared towards supporting pilot data collection to inform external grant submissions. In addition to internal grants, other support is available to early stage investigators, such as subsidies in support of publication, media development, and exhibitions that provide resources to supplement charges associated with the publication of books, development of media, exhibition and performance charges, and page charges for publishing manuscripts. There is also a Scholars Travel program that assists faculty in traveling to present the results of their research at professional meetings.

The **Office of Sponsored Programs** supports sponsored research activities at UNCG. This unit is the central point of coordination for sponsored projects and the University's authorized representative for grants, contracts, and other agreements from government agencies, private industry, and non-profit foundations.

**UNCG Office of Contracts & Grants.** The University’s Office of Contracts & Grants (C&G) provides financial oversight for externally-funded grants and contracts. C&G ensures that projects are managed responsibly according to the sponsor’s guidelines.

**Accounts Payable Department.** The Accounts Payable Department is responsible for timely and accurate processing of transactions that are properly authorized in accordance with University policies for payment. It is our goal to work with each department to promote understanding of the University's payment requests' procedures, including proper form use for particular transactions to ensure accurate and efficient processing of accounts payable transactions. In addition to University policies and procedures, the Accounts Payable Department is responsible for compliance with state sales and use tax, state personal services withholding tax, and federal 1099 reporting requirements.

**Office of Research Integrity (ORI).** The Office of Research Integrity (ORI) coordinates compliance measures on campus and acts as a resource for the university community's concerns regarding compliance requirements. ORI offers training and workshops for faculty and staff who are involved in research and scholarly activities. The Institutional Review Board (IRB) is in place to ensure that human subjects involved in research are adequately protected and that the institution remains in compliance with regulations. Prior to the initiation of any research efforts that involve human subjects, the IRB review is required.

**Office of Innovation Commercialization.** As part of its educational, research, and service mission, The University of North Carolina at Greensboro is dedicated to the transfer of its research and technology to the public sector for the general economic benefit of Greensboro, the Piedmont Triad and North Carolina.

The mission of the Office of Innovation Commercialization (OIC) is to support UNCG’s effort to encourage innovation and disseminate knowledge. OIC serves the university and the public by commercializing discoveries developed by faculty, students and staff. OIC also assists faculty in obtaining research support from corporate sponsors.

Some specific functions of the office include: consulting on intellectual property and technology transfer, determining patentability and assessing commercial potential of the disclosed inventions, administering the patent process, negotiating licensing agreements, and supporting UNCG inventors in establishing start-up companies to commercialize their inventions.

**Institute for Community and Economic Engagement**. ICEE provides one highly visible point of contact for the external community for campus activities related to community and economic development, while providing structure to and support for UNCG faculty, staff, and students interested in community-engaged research, teaching, and scholarship. ICEE brings together community engagement and economic development within one institute in the recognition that pressing social and environmental issues are complex, multi-faceted, and interconnected, and therefore, must be addressed through a full range of approaches and by a full array of stakeholders.