

# WAKE FOREST UNIVERSITY



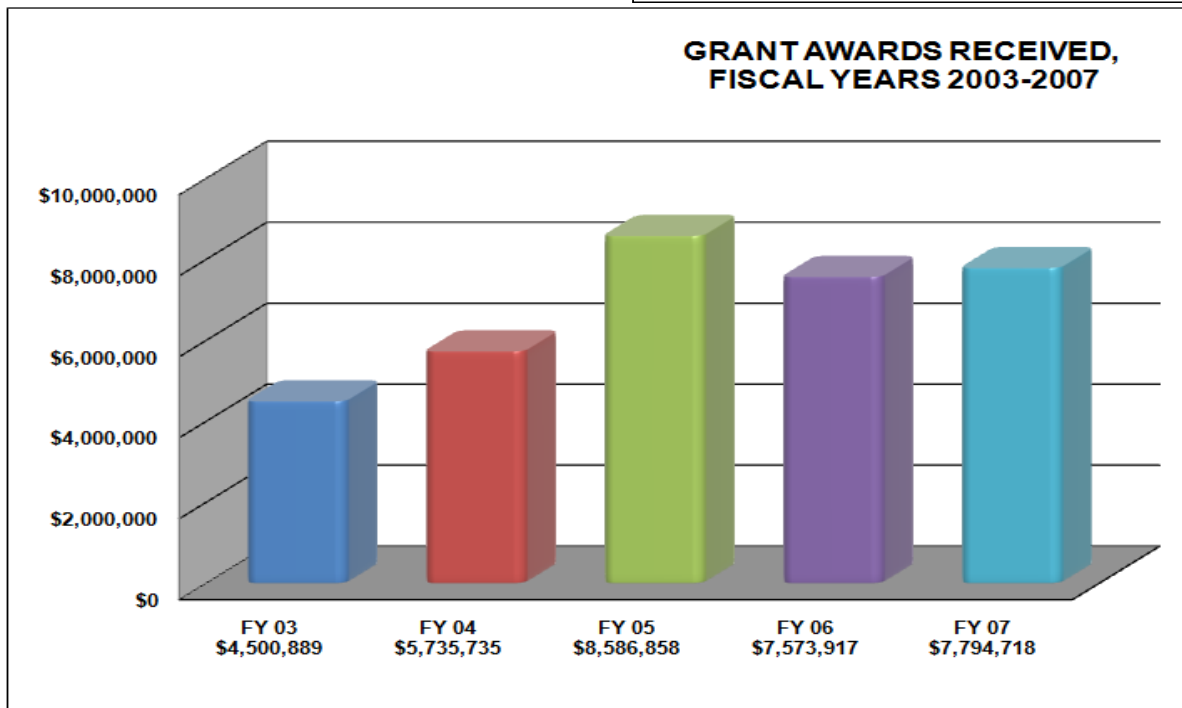
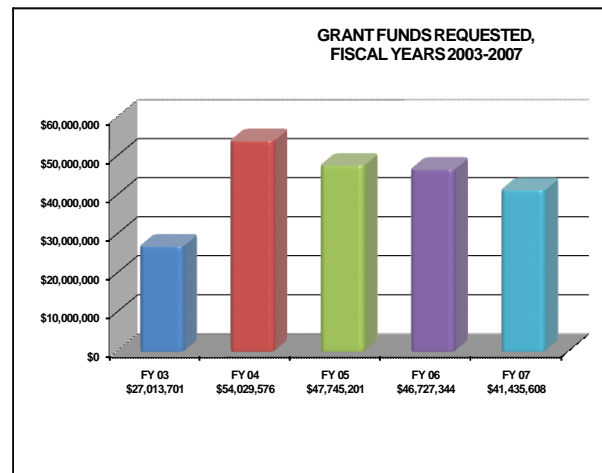
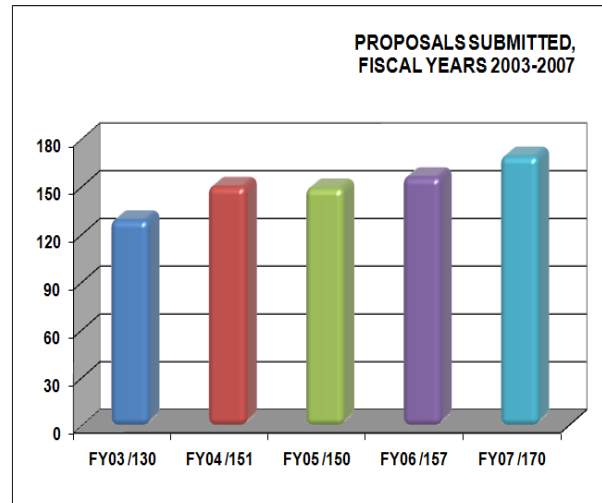
**OFFICE of RESEARCH & SPONSORED  
PROGRAMS**

*Annual Report, FY 2007*

## EXECUTIVE SUMMARY

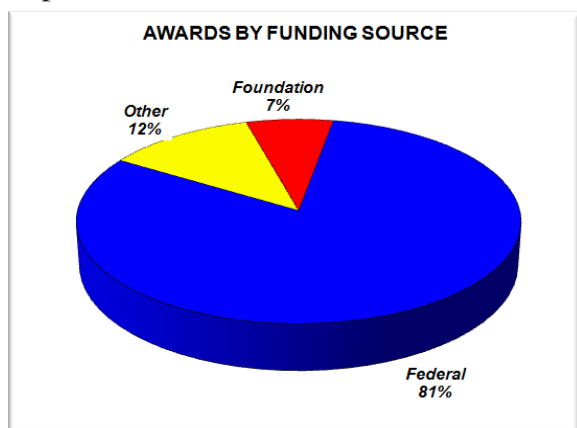
This report summarizes sponsored research activity for Wake Forest University's Reynolda campus in Fiscal Year 2007. The numbers do not include gifts or the many fellowships awarded directly to individual faculty but rather grant and contract support for faculty and staff research and other sponsored activities. Award amounts represent authorization to spend as opposed to research expenditures.

This year, the university won 2 more awards and \$250K more than in FY06, an increase of nearly 4 percent. Reynolda Campus Principal Investigators submitted a record number of proposals but requested 10 percent less funding than last year.

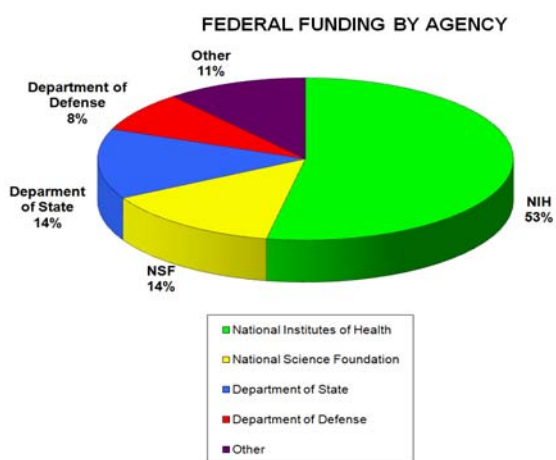


# RESEARCH HIGHLIGHTS

- Grants from sources other than the federal government or private foundations were up by more than 300 percent over 2006.



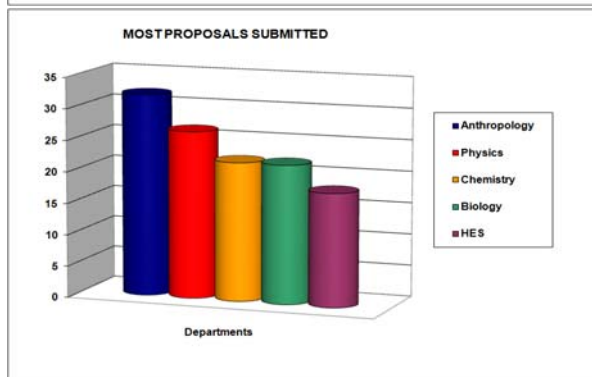
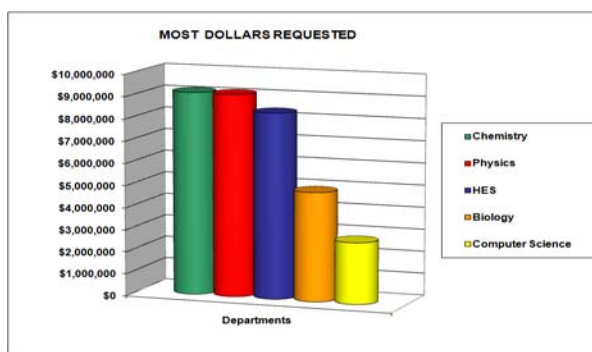
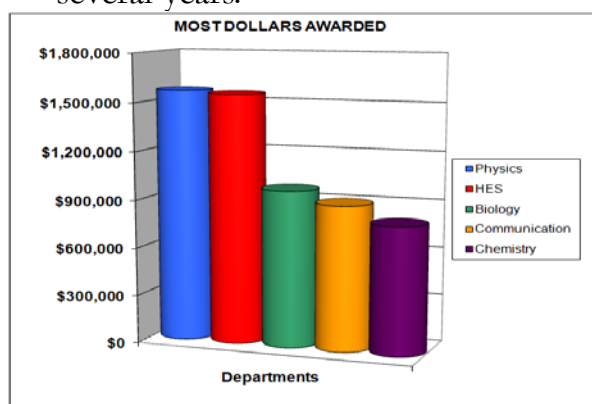
- Federal funding continued to diversify: more than 25 percent of awards were from agencies other than NIH, NSF, and DOD, such as the Departments of Agriculture and State, an increase of 15 percent over 2006.



- Anthropology received twice as many awards and over 350 percent more funds than in 2006.

- Communication awards were nearly 4 times higher than in 2006.

- Student Life received its first sponsored award, and the Babcock Graduate School of Management received external funding for the first time in several years.



## GRANTS AWARDED BY DEPARTMENT

Department	Awards	Amount
Physics	14	\$1,570,530
H&ES	13	\$1,553,634
Biology	8	\$976,984
Communication	5	\$903,372
Chemistry	8	\$796,684
Anthropology	24	\$505,350
Computer Science	8	\$489,268
Entrepreneurship	1	\$460,000
Psychology	4	\$239,557
Mathematics	2	\$94,938
WFDD	1	\$75,000
ZSR Library	1	\$75,000
Student Life	1	\$39,042
Law School	2	\$9,000
Babcock	1	\$3,000
English	2	\$2,160
Political Science	1	\$1,200

## OUTSTANDING ACCOMPLISHMENTS

Physics Professor Dany Kim-Shapiro was among the 5 percent of all NIH-funded researchers chosen to receive a MERIT (Method to Extend Research in Time) grant to continue his investigations on *Effects of Nitrite in Sickle Cell Blood* for an extraordinary 10 years.



Associate Professor of Romance Languages Sol Miguel-Prendes was named editor of the prestigious *La Coronica, Journal of Medieval Spanish Language, Literature, and Cultural Studies*.

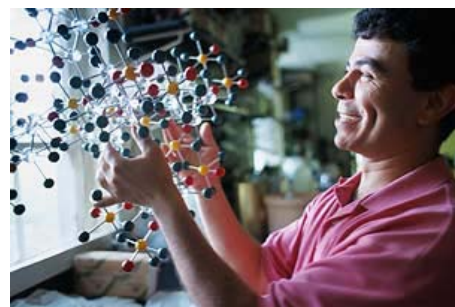
Associate Professor of Communication and Director of Debate Allan Loudon built on the success of a previous application to the DOS/Open Society Institute, which selected Wake Forest as one of two US universities to host the Southeastern Europe Youth Leadership Institute (SEELYI), to win \$203,250 from the US Department of State (DOS) to support a unique privilege: Wake Forest became the first host of a new national program to promote international understanding among youth. In June, the project won 2 more years of support.



Emeritus Professor of Physics George Holzwarth won 2 awards, one from the NIH and the other from the Dreyfus Foundation, to pursue his studies of motor proteins with undergraduate and graduate students.



Biology Professor Gloria Muday, who has been funded by the NSF and NASA, won a new award from the USDA to investigate *Ethylene and Auxin Crosstalk in Control of Root Architecture*.



Chemistry Professor Abdou Lachgar co-organized the third international meeting of the African Materials Research Society in Marrakech, Morocco, and earned NSF support for a USA-Africa Workshop on Nanoscience and Nanotechnology.

## FELLOWSHIPS 2007

Susan Borwick, Music, *Composition Residency*, Wildacres Retreat

Robert Hellyer, History, *Green Tea and the Path to an Industrial, International Japan*, Smithsonian Institution and the Japan Foundation

Monique O'Connell, History, *Venice's Maritime Empire: Conflict and Negotiation in the Renaissance*, Villa I Tatti, Harvard University's Center for Italian Renaissance Studies, Florence, Italy

Jason Powell, English, *The Complete Works of Sir Thomas Wyatt the Elder*, Huntington Library; Huntington/ British Academy

Akbar Salam, Physics, *21<sup>st</sup> Century Centre of Excellence Guest Professor*, Kyoto University, Japan; *Visiting Fellow, Institute for Theoretical Atomic, Molecular, and Optical Physics (ITAMP)*, Harvard University, Department of Physics

## INTERNAL AWARDS

The Office of Research and Sponsored Programs assists the Associate Provost for Research in administering and coordinating several internal award programs intended to secure preliminary data for future external applications. FY2007 awards were as follows:

Cross-Campus Collaborative Research Support Fund	\$54,054
Science Research Fund	\$55,631
Social, Behavioral, and Economic Science Research Fund	\$33,115

The office also assists the Associate Provost for Research in managing matching/cost share funds. In FY2007, \$306,516 was provided for faculty research projects as well as \$55,000 in graduate student support.

## FACULTY DEVELOPMENT

In FY2007, the office spent over \$16,515 to host and to coordinate research-related workshops and events. In addition, funds were provided to support several faculty-led research conferences and faculty travel to meet with sponsors and to attend professional development seminars. Events included:

ACC Meeting of the Minds  
Humanities Journal Publishing  
University Senate-sponsored seminars  
Proposal Writing Workshop  
New Faculty Orientation  
Recognition of Research Excellence  
Reception to Honor Authors, Editors, and Fine and Performing Artists

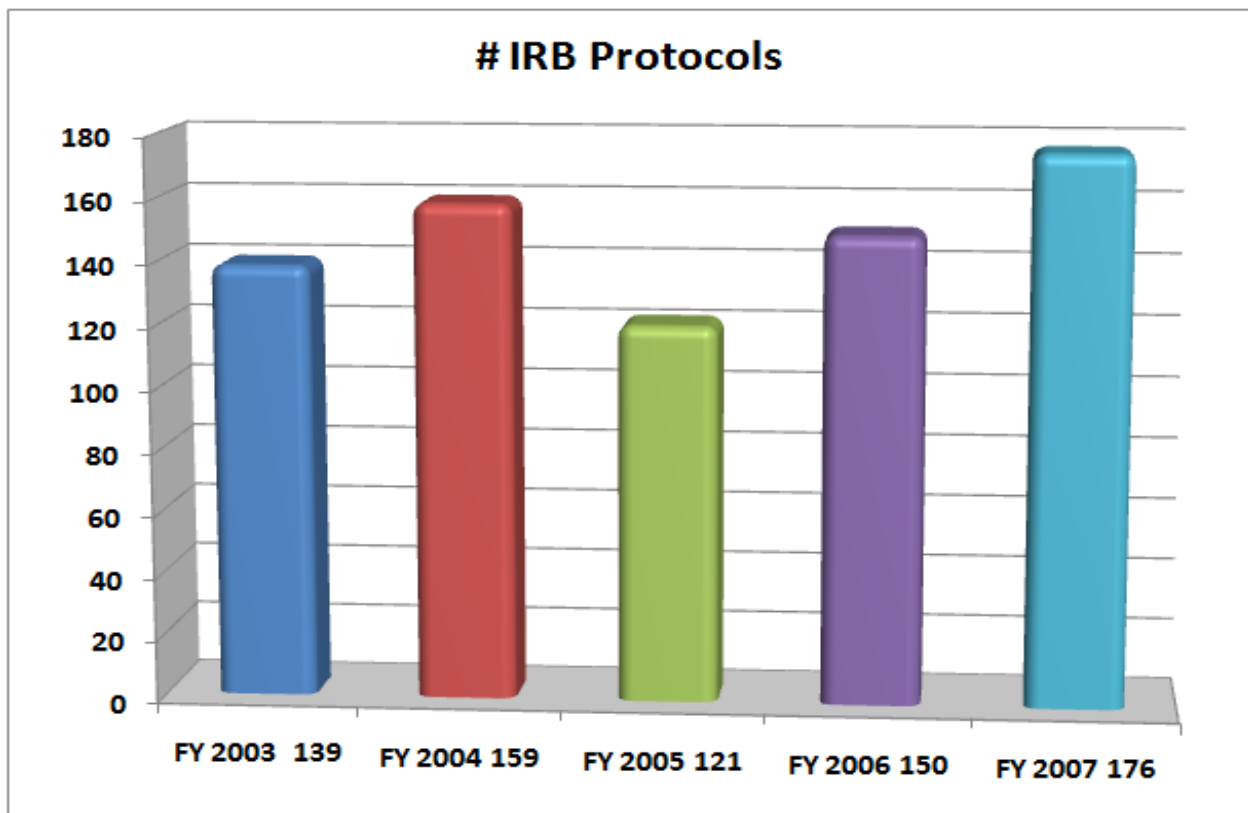
The office edited 78 proposals and other documents and performed over 88 searches for funding opportunities. Our *Research News* and targeted monthly newsletters disseminate information of interest to the research community, supplementing individual emails and alerts.

# COMPLIANCE

ORSP provides administrative support to the Institutional Review Board (IRB) under 45 CFR §46 by maintaining IRB records, facilitating communication between the IRB and researchers; coordinating meetings; updating and maintaining university IRB policies, investigator's guide, and web site; monitoring human subjects training; providing continuing education for its IRB; and keeping the university's Federalwide Assurance (FWA) and IRB Registration current. This year, ORSP worked with the Health Science campus Office of Research to tailor eIRB, the online submission and review system, for researchers on the Reynolda campus.

In 2006-2007, the IRB reviewed 173 new applications. Three studies were reviewed by the full board; 125 qualified for expedited review; and 48 as exempt research. The growth of research on the WFU campus was noted especially in applications from departments new to the IRB process, such as English and Romance Languages.

Faculty, staff, and students were kept apprised of issues and changes to policies and procedures through a column in *Research News* and brochures, such as *Tips for Student Researchers*, *Guide for Faculty Involved in Human Subjects Research*, and a *faculty Guide to Cross-Cultural Research Involving Human Subjects*. In addition, IRB members met with department faculty and collaborated with other WFU programs, such as *Pro Humanitate Scholars* and *Richter Scholarships*, to facilitate the review and approval process for student researchers and their advisors.



# MISSION

The Office of Research and Sponsored Programs supports the activities of the Associate Provost for Research. We strive to provide exceptional service and assistance to Reynolda campus faculty in locating funding opportunities, preparing and submitting proposals, and managing externally sponsored projects. In addition, we provide oversight and administrative support to the Institutional Review Board.

## Staff

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photos: Ken Bennet; Aaron Hantgan