

Annual Report – 2007
Office of Research Services and Sponsored Programs
 (Grant Development, Sponsored Programs and Technology Transfer)

Awards and Proposals

Awards: \$18,650,933 (n = 220)
 Proposals = \$54,634,161 (n = 248)
 Proposals Requesting >1M = 13 (44% increase)

Table 1: Five Year Research Award and Proposal History

	2007		2006	2005	2004	2003
Awards						
Amount	\$18,650,933	↑ 4%	\$17,859,449	\$18,907,340	\$20,291,291	\$15,117,632
Number	220	↑ 2%	216	213	226	195
Proposals						
Amount	\$54,634,161	→	\$54,788,764	\$48,641,496	\$57,513,607	\$64,621,388
Number	248	↑ 18%	210	244	251	231

- Graduate Students Employed by Grants/Contracts = 132 (\$1,606,200), 110 Grants
- Undergraduate Students Employed by Grants/Contracts = 130 (\$156,200), 54 Grants

Noteworthy Awards Received by UNCW Faculty and Staff

- Daniel Baden (William R. Kenan Distinguished Professor of Marine Sciences) **\$7,530,581**, *Effects of Inhaled Florida Red Tide Brevetoxins*, National Institutes of Health, National Institute of Environmental Health Sciences
- Gene Tagliarini, Sridhar Narayan (Computer Science), Shelby Morge (Education) **\$1,180,847**, *Using Squeak to Infuse Information Technology into STEM Curriculum in Grades 7-12*, National Science Foundation
- Dale Cohen (Psychology) **\$691,736**, *Quantifying Stimulus, Response, and Numerical Biases*, National Institutes of Health, National Institute of Child Health and Human Development
- Robert Kieber, G. Brooks Avery, Joan Willey (Chemistry) Robert Whitehead (Center for Marine Science) **\$532,752**, *Research Experiences for Undergraduates: Chemical Characterization and Reactivity of Chromophoric Dissolved Organic Matter (CDOM) in Rainwater*, National Science Foundation

- Steve Ross (Center for Marine Science) **\$530,604**, *Trophic Connectivity (Energy Flow) Among Gulf of Mexico Lower Continental Slope Communities Related to Chemosynthetic and Hard Substrate Habitats*, U.S. Geological Survey
- William McLellan and Ann Pabst (Biology and Marine Biology) **\$427,849**, *Right Whale data Collection-Mid Atlantic Coast*, National Oceanic and Atmospheric Administration
- Caroline Clements (Psychology) **\$348,725**, *Safe Schools/Healthy Students Initiative Uniting for Youth*, New Hanover County Schools

Faculty Development Activities

- ORSSP received a *Faculty Engagement in Sponsored Research (FESR)* grant from UNC GA for \$50,000 which provided a one course release to five faculty preparing substantial grant proposals
- ORSSP, CSURF and the Graduate School received an *Involving Undergraduates in Research* grant from UNC GA to support two graduate students who worked with undergraduates on their research proposals and presentations
- Conducted five faculty seminars on finding funding, grant writing, and managing awards (over 75 participants)
- Coordinated the review and management of 20 Charles Cahill research awards (\$47,795)
- Facilitated three research workgroups: *Obesity Prevention, Interpersonal Violence, Caribbean Studies*

Technology Transfer

- Facilitated five invention disclosures and provisional patent filings (Larry Cahoon, Ned Durant, Jerome Naar, Dan Baden and Wade Watanabe)
- Assisted with the development of three privately-funded companies based on UNCW technology:

Wilmington BioTech (Rob Hancock, to develop and sublicense his patented ligand technology); *Mobile Education* (Ron Vetter and Jeff Brown, to develop and commercialize cell-phone based information services for universities); *Blue Ocean* (Shawn Longfellow, MBA Graduate, to commercialize farm-raised organic flounder and/or sea bass utilizing methods of UNCW mariculture research program at Sturgeon City)

- Licensing revenue: \$65,000
- Established a business advisory committee for UNCW Mariculture Activities

Research Compliance

- Formed Export Controls Advisory Committee and developed UNCW Export Controls website
- Conducted 4 export controls training meetings with department chairs and responded to 8 export controls inquiries
- Created *Animal Housing Report* for Institutional Animal Care and Use Committee
- Completed Institutional Review Board PI Guidance Manual

Table 2: Research Compliance Activity

	2007	2006	2005	2004	2003
Institutional Review Board (IRB)					
New Protocols	145	96	125	94	109
Annual Renewals	58	35	20	13	11
Amendments	62	35	29	9	2
Protocol Closures	54	59	36	43	76
Institutional Animal Care and Use Committee (IACUC)					
New Protocols	22	22	13	13	18
Annual Reviews	27	31	11	18	20

Professional Development/Accomplishments

- Pamela Whitlock, Director of Sponsored Programs, served as President of National Council of University Research Administration (NCURA)
- Leanne Prete, Regulatory Compliance Officer, elected to North Carolina Association of Biomedical Research Board of Directors
- MJ Carver West, Proposal Development Coordinator, presented a session at the NCURA Pre-Award Research Administration conference, July 2006
- ORSSP staff participated in 22 national, regional, or state Research Administration training and development conferences and seminars

Submitted by
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