

**Summary of Major Accomplishments, 2010/2011**

The Department of Chemistry & Biochemistry at the University of North Carolina Wilmington has achieved remarkable success in recruiting and training chemistry majors due primarily to the outstanding mentoring efforts of our faculty. As demonstrated in the following Table, based on data reported by the American Chemical Society Committee on Professional Training (CPT) and reported in Chemical and Engineering News, our department ranked third in the state (behind UNCCCh and NCSU) and 26th in the nation in the number of ACS certified chemistry degrees awarded in the 2008-2009 academic year, the last year for which these data were reported. This year we awarded seventy one bachelor's degrees (47 BS and 24 BA) and thirteen masters degrees. The department currently has over 200 undergraduate majors, and over 80 graduate students.

School Name	Bachelors		Masters
	Cert	Total	
North Carolina, U of, at Chapel Hill	77	123	10
North Carolina State University	32	71	10
North Carolina, U of, at Wilmington	28	50	9
Wake Forest University	14	30	5
East Carolina University	14	51	7
Duke University	8	60	2
Appalachian State University	8	31	-
Elon University	6	10	-
Western Carolina University	6	22	10
North Carolina, U of, at Pembroke	4	33	-
North Carolina, U of, at Charlotte	4	5	7
North Carolina, U of, at Asheville	4	11	-
Davidson College	4	29	-
North Carolina, U of, at Greensboro	3	8	5
North Carolina Central University	3	3	6
North Carolina A&T State University	3	3	4
Winston-Salem State University	1	11	-

Few students indicate an interest in majoring in chemistry when they enter UNCW. By assigning stimulating, enthusiastic faculty to teach general chemistry, we are able to develop an interest in chemistry among many first year students. And because full time tenured and tenure track faculty teach all but one (taught by a Postdoctoral Fellow) of our lecture courses, students experience the quality of the program throughout their time as chemistry majors. But it is the emphasis on student research that drives the spectacular success of our program. In 2010/2011, our faculty involved 52 undergraduates and 46 graduate students in research, published 32 articles in peer reviewed journals (4 with student coauthors), chaired 59 thesis/dissertation committees, and sat on an additional 73 committees in a non-chairing role. These statistics demonstrate our commitment to a student-centered research agenda most appropriate to a comprehensive university.

Another key indicator of the success of the department is the high level of research funding that we receive. In 2010/2011, research grants totaling over \$1.7 million dollars were awarded to faculty (as either principle investigators or co-principle investigators) in the Department of Chemistry & Biochemistry, and two Liquid Chromatograph/Mass Spectrometers were purchased and installed thanks to nearly \$700,000 in funding from NSF and the university. In addition to NSF, funding agencies that support our faculty include the National Institutes of Health, Research Corporation, and the National Oceanographic and Atmospheric Administration. It's worth nothing that faculty achieved these successes while fulfilling teaching responsibilities that are three to six times greater than those of faculty at major research oriented institutions such as UNC Chapel Hill or NC State University.