

General Information Template for Academic Program Review

Degree Area and Level:

Ph.D. in Applied and Experimental Psychological Science (CIP 42.0101) at UNC Wilmington

Addressing UNC Tomorrow:

This proposed program would address several Recommendations within the UNC Tomorrow Report including the components to enhance our Global Readiness (Recommendation 4.1), Our Environment (Recommendation 4.6), and Our University's Outreach and Engagement (Recommendation 4.7).

Role of Program in Relation to State and Regional Needs:

According to the American Psychological Association, "As might be expected, the highest paid and greatest range of jobs in psychology are available to psychology doctorates. The number of doctoral graduates has remained stable over the past decade, and supply continues to meet demand. Unemployment and underemployment remain below what is noted for other scientists and engineers. Few drop out of the field. The greatest expansion of career opportunities for doctoral psychologists in the last decade has been in the for-profit and self-employment sectors, including, but not limited to, health service provider subfields, industrial-organizational psychology, educational psychology, and other fields with applications in these settings. Although fewer new doctorates have headed into faculty positions compared to past decades, it is the case that about one third of doctoral-level psychologists today are employed in academe, and more than half of new doctorates in the research subfields head into academe following graduation." Source: <http://www.apa.org/topics/psychologycareer.html#gettingready>

According to the proposal, "Given that the areas of specialization (addictions/psychopharmacology, dementias/cognition and aging, mental illness in corrections/forensic, developmental disabilities/behavior analysis) represent areas of increasing need both in the state and nationally, we anticipate demand for training in these areas to be particularly strong and are projected to grow."

US Labor Department Analysis:

- *Summary* – Employment of psychologists is expected to grow 15 percent from 2006 to 2016, faster than the average for all occupations. Employment will grow because of increased demand for psychological services in schools, hospitals, social service agencies, mental health centers, substance abuse treatment clinics, consulting firms, and private companies. Employment growth will vary by specialty. The rise in health care costs associated with unhealthy lifestyles, such as smoking, alcoholism, and obesity, has made prevention and treatment more critical. An increase in the number of employee assistance programs, which help workers deal with personal problems, also should lead to employment growth for clinical and counseling specialties. Clinical and counseling psychologists also will be needed to help people deal with depression and other mental disorders, marriage and family problems, job stress, and addiction. Industrial-organizational psychologists also will be in demand to help to boost worker productivity and retention rates in a wide range of businesses. Industrial-organizational psychologists will help companies deal with issues such as workplace diversity and antidiscrimination policies. Companies also will use psychologists' expertise in survey design, analysis, and research to develop tools for marketing evaluation and statistical analysis.
http://www.occsupplydemand.org/OSD_UnitOfAnalysis.aspx?CLUSCODE=167A-10&ST=NC&PathNo=1
- *Summary Data* – Source: U.S. Department of Labor and America's Career InfoNet

Occupational Characteristics - North Carolina						
SOC Code	Occupation	Minimum Educ Level	2006-2016 Growth	2008 Wages	Licensing	Self-Empl
19-3031	Clinical, Counseling, and School Psychologists	Doctoral degree	Faster than average	\$56,850	State	34.2%

Occupational Projections - North Carolina							
SOC code	Occupation	Employment			Average Annual Openings		
		Est 2006	Proj 2016	Change	Growth	Replace	Total
19-3031	Clinical, Counseling, and School Psychologists	3,235	4,095	26.6%	86	50	136

Wage Trends - North Carolina							
SOC Code	Occupation	Median Annual Wage					Change
		2004	2005	2006	2007	2008	2004 to 2008
19-3031	Clinical, Counseling, and School Psychologists	\$46,960	\$47,990	\$50,560	\$54,510	\$56,850	21.1%

Benchmarks for Wage Trends (all occupations)	2004	2005	2006	2007	2008	Change 2004 to 2008
North Carolina Median Wage	\$26,690	\$27,160	\$27,980	\$28,950	\$29,860	11.9%
North Carolina Mean Wage	\$33,960	\$34,460	\$35,520	\$36,900	\$38,230	12.6%
National Median Wage	\$28,770	\$29,430	\$30,400	\$31,410	\$32,390	12.6%
National Mean Wage	\$37,020	\$37,870	\$39,190	\$40,690	\$42,270	14.2%

Availability of Program Statewide (Enrollment and Degrees Awarded in Last 3 Years):

- Public universities – Not available.
- Private universities – Not available.

Available or not from Academic Common Market:

Not available.

UNC Wilmington Campus enrollment and degrees awarded in similar programs at the Doctoral level: (Based on two CIP digits – 42 CIP is the summary group for Psychology under which Applied and Experimental Psychological Science is a program)

UNC Wilmington does not offer another Doctoral program in the 42 CIP category.

Campus Average of enrollment and degrees awarded in this degree area at the Doctoral level: (Based on two CIP digits – 42 CIP is the summary group for Psychology under which Applied and Experimental Psychological Science is a program - over the last 3 Academic Years, Fall 2006-Spring 2009)

Campus Average			
	Number of Active Programs	Enrollment per Semester	Degrees Awarded per Year
ECU	1	8	Approved in 2006

			- No graduates yet
NCSU	2	56	6
UNCC	1	21	Approved in 2005 – No graduates yet
UNC-CH	2	73	16
UNCG	1	30	7
Campus Average:		38	10

UNC Wilmington Campus Degree Programs added in the past three years:

- *Bachelor*
 - BS Community Health Education (06/13/2008)
- *Master*
 - MA Environmental Studies (01/11/2008)
 - MA Spanish (01/11/2008)
 - MS Applied Gerontology (06/08/07)
 - MA Criminology and Public Sociology (03/16/2007)
- *Doctoral*
 - EdD Educational Leadership and Administration (05/11/2007)

UNC Wilmington Degree Programs discontinued in past three years:

- *Bachelor*
 - BA Special Education, Cross-Categorical (03/20/2009)
 - BA Special Education, Behaviorally/Emotionally Handicapped (03/20/2009)
 - BA Special Education, Mental Retardation (03/20/2009)
 - BA Special Education, Learning Disabilities (03/20/2009)
 - BA History, Teacher Licensure (03/20/2009)
- *Master*
 - MA Mathematics (03/20/2009)
- *Doctoral*
 - N/A