

Health Physics Enrollments and Degrees Survey, 2003 Data

Number 55

Oak Ridge Institute for Science and Education

2004

Survey Universe

The survey includes degrees granted between September 1, 2002 and August 31, 2003. Enrollment information refers to the fall term 2003. Thirty-four academic programs at 33 different institutions were included in the survey universe with all responding (100% response rate). Several of the programs did not have any degrees awarded during the time period. Two programs included in the 2002 survey were either discontinued or out-of-scope and not included in 2003 survey.

Degree Data

Bachelor's Degrees. The number of B.S. degrees granted in 2003 by all health physics, medical health physics, and other health physics option programs increased by 37% over 2002, reflecting the higher undergraduate enrollments during 2001 and 2002 as compared to earlier years. This was the third consecutive year with increases reported in undergraduate degrees. (See Table 1.) Health physics programs accounted for 48% of all B.S. degrees with the remaining split between medical health physics and other health physics option programs. (See Table 2.)

Graduate Degrees. Comparing 2003 to 2002 data, the number of masters' degrees decreased by 3 and the number of doctorate degrees increased by 5. (See Table 1.) The number of masters' degrees granted in 2003 was 38% below the number in 1998. Health physics programs accounted for 77% of the masters' degrees and 68% of the doctorate degrees. Most of the remaining were in medical health physics programs. (See Table 2.)

Table 1. Health Physics Degrees and Enrollments, 1998-2003

Year	Degrees			Enrollments		
	B.S.	M.S.	Ph.D.	Junior & Senior Undergrad Students	Master's Graduate Students	PhD Graduate Students
2003	56	73	25	153	264	88
2002	41	76	20	104	227	94
2001	37	71	23	117	207	123
2000	33	79	24	72	213	108
1999	55	115	22	82	273	123
1998	51	118	26	89	325	127

The data reflect the update of the survey universe of health physics programs that was done in 2002. The undergraduate enrollments reported last year for 2002 were changed from 114 to 104 based on a correction provided in this year's survey.

Table 2. Health Physics Degrees by Curriculum, 2003

Curriculum	B.S.	M.S.	Ph.D.
Health Physics Program	27	56	17
Medical Health Physics	13	16	5
Other Health Physics Option	16	1	3

Table 4. Health Physics Degrees by Academic Institution, 2003

DOE NEST F&S Status as of March 2004		Name of Institution	State	Degrees, September 1, 2002 - August 31, 2003		
Fellowship	Scholarship			B.S.	M.S.	Ph.D.
		San Diego State University	CA	0	2	0
Yes	Yes	Colorado State University	CO	0	0	2
		Georgetown University	DC	0	2	0
Yes	Yes	University of Florida	FL	0	4	3
Yes	Yes	Georgia Institute of Technology	GA	0	10	0
Yes	Yes	Idaho State University	ID	1	3	1
		Illinois Institute of Technology	IL	0	6	0
		University of Illinois at Urbana-Champaign	IL	4	1	1
Yes	Yes	Purdue University	IN	2	0	1
		Louisiana State University	LA	0	6	0
Yes	Yes	Massachusetts Institute of Technology	MA	0	1	0
Yes	Yes	University of Massachusetts, Lowell	MA	0	5	5
		University of Maine	ME	2	0	0
Yes	Yes	University of Michigan, Ann Arbor	MI	3	3	1
Yes	Yes	University of Missouri, Columbia	MO	0	4	1
		University of Missouri, Rolla	MO	0	0	0
		Thomas Edison State College	NJ	14	0	0
Yes	Yes	University of New Mexico	NM	0	0	0
		University of Nevada, Las Vegas	NV	3	3	0
		Rensselaer Polytechnic Institute	NY	4	1	1
Yes	Yes	Ohio State University	OH	0	2	0
		University of Cincinnati (Engineering)	OH	0	3	1
		University of Cincinnati (Radiology)	OH	0	0	0
Yes	Yes	Oregon State University	OR	5	5	0
	Yes	Bloomsburg University of Pennsylvania	PA	4	0	0
		Dickinson College	PA	1	0	0
		University of Pittsburgh	PA	0	0	0
Yes	Yes	Clemson University	SC	0	3	1
		Francis Marion University	SC	1	0	0
Yes	Yes	University of Tennessee, Knoxville	TN	6	2	0
Yes	Yes	Texas A&M University, College Station	TX	6	6	4
		University of Texas, Austin	TX	0	0	0
		University of Utah	UT	0	1	3
		Washington State University Tri-Cities	WA	0	0	0
TOTALS:				56	73	25
By Curriculum:						
Health Physics Program				27	56	17
Medical Health Physics				13	16	5
Other Health Physics Option				16	1	3

Prepared by: Science and Engineering Education, Oak Ridge Institute for Science and Education, March 2004.

This document describes activities performed under contract number DE-AC05-00OR22750 between the U.S. Department of Energy and Oak Ridge Associated Universities.

All opinions expressed in this report are the author's and do not necessarily reflect policies and view of the U.S. Department of Energy or the Oak Ridge Institute for Science and Education.

The **Oak Ridge Institute for Science and Education (ORISE)** is a U.S. Department of Energy facility focusing on scientific initiatives to research health risks from occupational hazards, assess environmental cleanup, respond to radiation medical emergencies, support national security and emergency preparedness, and educate the next generation of scientists. ORISE is managed by Oak Ridge Associated Universities.
