

Table 34. Top two areas of the doctoral program in which recent doctoral recipients would have liked more training, by field of doctorate: 2001

Areas of doctoral training	Field of doctorate							
	All fields	Computer and mathematical sciences	Biological and agricultural sciences	Health sciences	Physical and related sciences	Social sciences	Psychology	Engineering
Total recent doctoral recipients (number).....	48,200	3,500	12,200	2,700	7,600	6,200	6,900	9,100
Additional training desired (number).....	38,100	2,500	10,000	2,000	5,800	5,100	5,600	7,200
	Percent							
General problem solving skills.....	7	S	9	S	S	S	S	10
Subject matter knowledge.....	15	S	13	S	20	13	16	12
Oral communication skills.....	15	S	13	S	17	13	S	25
Teaching skills.....	23	S	26	26	20	26	27	19
Collaboration and teamwork skills.....	14	S	14	S	13	22	S	15
Quantitative skills.....	10	S	12	S	S	23	12	S
Writing skills.....	15	S	19	S	19	12	S	14
Computer skills.....	17	S	20	S	19	16	19	11
Research integrity/ethics.....	4	S	S	S	S	S	S	S
Establishing contacts with colleagues in field.....	29	32	25	S	28	33	35	28
Management or administrative skills.....	31	26	31	36	28	15	38	37

KEY: S = Suppressed due to too few cases (fewer than 500 weighted cases).

NOTES: Recent doctoral recipients' are those who reported having received their doctorate between July of 1998 and June of 2000. Numbers are rounded to nearest hundred and details may not add to total because of rounding. Percentages are rounded to the nearest whole number and may sum to more than 100 because multiple answers are allowed. Survey of Doctorate Recipients includes persons who had earned a science or engineering research doctorate from an U.S. institution and resided in U.S. as of April 2001.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 2001 Survey of Doctorate Recipients