

Summer Research Fellowships for Science Teachers
Program Evaluation
Summer 2003, Summer 2004, Summer 2005

Note: Numbers indicate the total number of fellows selecting the particular response. All fellows did not respond to all items. Averages of evaluation statement scores were calculated accordingly.

Evaluation Statements

	not at all 0	1	2	3	4	very much 5	avg score
I found the binder materials and textbook to be useful.				5	8	11	4.3
I found the weekly discussion meetings to be interesting and challenging.				2	12	10	4.3
I found my research project to be interesting and challenging.				3	2	20	4.7
I felt comfortable working in my research mentor's lab.			1	1	5	15	4.6
I would recommend my research mentor as a host to another fellow.	1	1		1	8	12	4.2
I gained an increased awareness of genome sequencing efforts and applications of genomic approaches as a result of my participation in the fellowship program.			1		7	17	4.6
I will be able to impact my classroom teaching as a result of working on my research project.			1	4	4	14	4.0
I found the fellowship program to be interesting and the level of work appropriate.				1	5	19	4.7
I found the fellowship program to be well organized.				2	6	17	4.7
Overall, I liked the fellowship program.				1	3	21	4.8
I would recommend the fellowship program to other teachers at my school.				1	2	22	4.8

	yes	no
I will consider applying to the fellowship program again.	23	

What I gained from my summer in the lab...

Goal	No	Some....	Yes
Enhancement of professional or academic credentials		2	22
Clarification of scientific research as a career	3	8	13
Developing a continuing relationship with a WU faculty member		3	21
Learning to work independently in research		8	17
Understanding of the research process in the field		3	22
Learning a topic in depth		9	16
Tolerance for obstacles faced in research process		6	19
Self-confidence		10	15
Sense of accomplishment		6	19
Understanding of how scientists work on real problems		6	19
Laboratory techniques		5	20
Understanding of how scientists think	1	5	19
Readiness for more demanding research	1	9	15
Opportunities for publication	10	7	8
Ability to analyze data (or information)		14	11
Sense of contributing to a body of knowledge	2	8	15
Ability to solve technical or procedural problems	1	10	14
Learning to persevere at a task		4	21
Skill in oral communication	3	10	11
Ability to read and understand primary literature	3	9	12
Ability to integrate theory and practice		12	13
Increased interest in a genomics		7	18
Opportunities for networking (e.g., contacts in career, teaching network)	1	4	20
Ability to collaborate with other researchers	2	5	17
Understanding of science	1	5	19
Skill in the interpretation of results		16	9
Understanding of the personal demands of a career in genomics	4	5	16
Computer skills (either user or programmer)	3	7	15
Skill in the use of research instruments (other than computers)	1	9	15
Understanding of how current research ideas build upon previous studies		4	21
Becoming part of a learning community		3	22
Ability to employ appropriate design methods	1	12	12
Development of an independent perspective		12	13
Ability to locate and identify the relevant literature	2	14	9
Ability to see connections to college course work	3	7	14
Skill in science writing	2	15	8
Understanding that scientific assertions require supporting evidence		7	17
Skill in how to do an effective poster presentation	15	3	3
Skill at proposing a reasonable hypothesis or thesis	6	15	4
Understanding of how knowledge is constructed in genomics	3	10	12
Skill in leadership	1	17	5
Understanding of professional behavior in biology research		7	18

Goal	No	Some....	Yes
Learning ethical conduct in research	4	9	12
Critical evaluation of hypotheses and methods in the literature	1	16	7
Ability to collect data (or information) according to a reasonable plan	1	7	15
Skill in visual communication	1	10	12
Learning appropriate safety techniques	1	8	16
Skill in how to give an effective oral presentation	2	10	12
Skill in discussions with student and faculty colleagues	2	10	13