





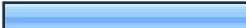




## 1. Please identify your institution.

		Response Percent	Response Count
Columbia University		28.8%	15
James Cook University		3.8%	2
National Jewish Hospital		5.8%	3
University of Notre Dame - RET (no QuarkNet)		3.8%	2
Penn State University		9.6%	5
Princeton University		5.8%	3
<b>Stanford University</b>		<b>36.5%</b>	<b>19</b>
University of Texas Southwestern Medical		3.8%	2
University of Wisconsin - Madison		1.9%	1
		<b>answered question</b>	<b>52</b>
		<b>skipped question</b>	<b>0</b>

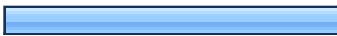

## 2. Please identify the teacher who worked with you this summer.

	Response Count
	52
<b>answered question</b>	<b>52</b>
<b>skipped question</b>	<b>0</b>






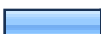
### 3. Please provide your name.

	Response Count
	52
answered question	52
skipped question	0





### 4. Is this the first time you mentored a K-12 teacher?

		Response Percent	Response Count
Yes		50.0%	26
No		50.0%	26
	answered question		52
	skipped question		0

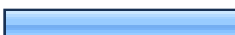



### 5. If not, how many times have you previously mentored a K-12 teacher?

		Response Percent	Response Count
1X		50.0%	14
2X		17.9%	5
3X		10.7%	3
4X		3.6%	1
5X		3.6%	1
More than 5X		14.3%	4
	answered question		28
	skipped question		24




**6. At the beginning of the summer, to what extent did you understand the goals of the teacher research program?**

		Response Percent	Response Count
Great Extent		57.7%	30
Moderate Extent		32.7%	17
Very Little Extent		7.7%	4
Not at All		1.9%	1
		<b>answered question</b>	<b>52</b>
		<b>skipped question</b>	<b>0</b>

**7. At the beginning of the summer, to what extent did you understand the goals the teacher set for the experience?**

		Response Percent	Response Count
Great Extent		34.6%	18
<b>Moderate Extent</b>		<b>53.8%</b>	<b>28</b>
Very Little Extent		9.6%	5
Not at All		1.9%	1
		<b>answered question</b>	<b>52</b>
		<b>skipped question</b>	<b>0</b>






**8. At the conclusion of the teacher's training, to what extent did you understand the goals the teacher set for the experience?**

		Response Percent	Response Count
Great Extent		57.7%	30
Moderate Extent		40.4%	21
Very Little Extent		1.9%	1
Not at All		0.0%	0
answered question			52
skipped question			0

**9. What percentage of your time did you spend mentoring the teacher this summer?**

	Response Count
	52
answered question	52
skipped question	0





**10. How much of the teacher's training was done by OTHER lab personnel? Please respond in percentages (e.g., Faculty 20%, Grad Students 50%).**

		<b>Response Percent</b>	<b>Response Count</b>
Faculty		53.8%	28
Lab Technician		55.8%	29
PostDoc Researcher(s)		53.8%	28
<b>Grad Student(s)</b>		<b>76.9%</b>	<b>40</b>
Other (please specify)		32.7%	17
		<b>answered question</b>	<b>52</b>
		<b>skipped question</b>	<b>0</b>

**11. To what extent did your teacher accomplish the following during his/her research experience:**

	<b>Great Extent</b>	<b>Moderate Extent</b>	<b>Very Little Extent</b>	<b>Not at All</b>	<b>N/A</b>	<b>Response Count</b>
Developed insight into the process of scientific research	<b>59.6% (31)</b>	38.5% (20)	0.0% (0)	0.0% (0)	1.9% (1)	52
Developed an appreciation of the daily work of a scientific researcher	<b>65.4% (34)</b>	32.7% (17)	0.0% (0)	0.0% (0)	1.9% (1)	52
Contributed to my research project	21.2% (11)	<b>44.2% (23)</b>	21.2% (11)	5.8% (3)	7.7% (4)	52
Improved his/her skills	<b>65.4% (34)</b>	28.8% (15)	3.8% (2)	0.0% (0)	1.9% (1)	52
Demonstrated increased enthusiasm toward science	<b>66.7% (34)</b>	23.5% (12)	5.9% (3)	0.0% (0)	3.9% (2)	51
Accepted constructive criticism in a professional manner	<b>78.8% (41)</b>	15.4% (8)	1.9% (1)	0.0% (0)	3.8% (2)	52
Adjusted to the challenges of the laboratory environment	<b>69.2% (36)</b>	21.2% (11)	5.8% (3)	1.9% (1)	1.9% (1)	52
Persuaded you that lab placements are worthwhile for teachers	<b>55.8% (29)</b>	28.8% (15)	5.8% (3)	1.9% (1)	7.7% (4)	52
Shared ways that this research experience could be used in the classroom	<b>53.8% (28)</b>	30.8% (16)	7.7% (4)	5.8% (3)	1.9% (1)	52
Persuaded you that this program was worthwhile for you and other mentors	<b>55.8% (29)</b>	34.6% (18)	7.7% (4)	1.9% (1)	0.0% (0)	52
<b>answered question</b>						<b>52</b>
<b>skipped question</b>						<b>0</b>

## 12. To what extent do you feel the mentoring relationship was successful?

		Response Percent	Response Count
Great Extent		67.3%	35
Moderate Extent		28.8%	15
Very Little Extent		1.9%	1
Not at All		1.9%	1
<b>answered question</b>			<b>52</b>
<b>skipped question</b>			<b>0</b>

## 13. Overall assessment of the program:

	Excellent	Very Good	Good	Fair	Poor	Response Count
How would you rate your overall experience with the program?	59.6% (31)	28.8% (15)	7.7% (4)	1.9% (1)	1.9% (1)	52
What is the likelihood that you would recommend the program to a colleague or friend?	57.7% (30)	34.6% (18)	3.8% (2)	1.9% (1)	1.9% (1)	52
Please share any additional comments whether positive or negative.						17
<b>answered question</b>						<b>52</b>
<b>skipped question</b>						<b>0</b>

#### 14. To what extent did your participation in this program:

	A great amount	Considerably	Slightly	Not at all	Response Count
Increase your interest in doing additional K-12 outreach	36.5% (19)	<b>38.5% (20)</b>	23.1% (12)	1.9% (1)	52
Increase your confidence in working with pre-college teachers	<b>40.4% (21)</b>	30.8% (16)	23.1% (12)	5.8% (3)	52
Lead to ideas or insights useful in your work	11.8% (6)	<b>37.3% (19)</b>	<b>37.3% (19)</b>	13.7% (7)	51
Contribute to your ability to communicate your research to the public	17.3% (9)	34.6% (18)	<b>38.5% (20)</b>	9.6% (5)	52
<b>answered question</b>					<b>52</b>
<b>skipped question</b>					<b>0</b>

#### 15. Please feel free to share any additional comments or suggestions

	Response Count
	12
<b>answered question</b>	<b>12</b>
<b>skipped question</b>	<b>40</b>

#### Page 1, Q2. Please identify the teacher who worked with you this summer.

1	Tina Wagenaar	Sep 8, 2011 12:30 AM
2	Bryan Bolster	Sep 7, 2011 1:20 PM
3	Nick Caruso	Sep 7, 2011 12:05 PM
4	Paige Teamey	Sep 7, 2011 8:37 AM
5	Pauline Hudson	Aug 31, 2011 3:42 PM
6	Laralyn Bergstedt	Aug 30, 2011 1:01 PM

**Page 1, Q2. Please identify the teacher who worked with you this summer.**

7	Amie Torres	Aug 29, 2011 12:28 PM
8	jessica goldstein	Aug 28, 2011 3:32 AM
9	Julie Davis	Aug 24, 2011 7:17 PM
10	Chantel Maybach	Aug 24, 2011 7:15 PM
11	Laura Zarlengo	Aug 24, 2011 6:07 PM
12	Chris Chopp	Aug 24, 2011 1:42 PM
13	michael patterson	Aug 23, 2011 7:10 PM
14	Channa Comer	Aug 23, 2011 12:52 PM
15	Jeff Wuebber	Aug 23, 2011 11:41 AM
16	Dame Forbes	Aug 23, 2011 10:35 AM
17	Tara McCoy	Aug 23, 2011 9:49 AM
18	valerie stecher	Aug 23, 2011 9:43 AM
19	Michael Zitolo	Aug 23, 2011 8:00 AM
20	Jessica Bader	Aug 23, 2011 7:35 AM
21	Tiffany May	Aug 23, 2011 5:13 AM
22	Valery Lynn	Aug 23, 2011 12:36 AM
23	Bruce Zeller	Aug 22, 2011 11:15 PM
24	Loren Mangione	Aug 22, 2011 10:55 PM
25	Cathy Xiong	Aug 22, 2011 10:04 PM
26	Peng Yav	Aug 22, 2011 5:32 PM
27	Jennifer Rilea	Aug 22, 2011 1:47 PM
28	Julia Jones	Aug 22, 2011 1:15 PM
29	Chung Sinn Khong	Aug 22, 2011 12:13 PM
30	Len Esparza	Aug 16, 2011 12:45 AM
31	Alia Davis	Aug 11, 2011 7:09 PM
32	Mr. Ethan Sullivan	Aug 11, 2011 3:07 PM
33	Gary, Katy, Howard, and Alron	Aug 9, 2011 5:10 PM
34	Bich Nguyen	Aug 9, 2011 11:18 AM
35	I worked with 10 participating math teachers	Aug 9, 2011 6:52 AM

**Page 1, Q2. Please identify the teacher who worked with you this summer.**

36	Todd Bank	Aug 9, 2011 1:18 AM
37	Wanderson Carlos	Aug 8, 2011 8:20 PM
38	Karen Truesdell	Aug 8, 2011 8:17 PM
39	Jessica Oya	Aug 8, 2011 8:08 PM
40	Deborah Yager	Aug 8, 2011 7:44 PM
41	David Hall	Aug 8, 2011 7:34 PM
42	Jason Lopez	Aug 8, 2011 7:23 PM
43	Jessica Oya	Aug 8, 2011 7:17 PM
44	Heath Stout, Elinor Graf, Johanna Dickert	Aug 8, 2011 4:08 PM
45	Eric Hickok	Aug 4, 2011 7:15 AM
46	Ed Brower	Aug 3, 2011 3:25 PM
47	Frehiwot Gebrehiwot and Michael Kollasch	Aug 3, 2011 7:32 AM
48	William Hughes	Aug 2, 2011 8:56 AM
49	Lauren Coil-Sherck, Mark Prochaska, and John Bogucki	Aug 1, 2011 6:51 PM
50	Douglas Brown	Jul 29, 2011 12:18 PM
51	Idellyse Martinez	Jul 29, 2011 11:37 AM
52	Martinez	Jul 29, 2011 11:35 AM

**Page 1, Q3. Please provide your name.**

1	Kirsten Heimann	Sep 8, 2011 12:30 AM
2	Nancy Monson	Sep 7, 2011 1:20 PM
3	Alice Prince/Paul Planet	Sep 7, 2011 12:05 PM
4	Irving Herman	Sep 7, 2011 8:37 AM
5	Virginia Papaioannou	Aug 31, 2011 3:42 PM
6	Viktor Shkolnikov	Aug 30, 2011 1:01 PM
7	Nicolai van Oers	Aug 29, 2011 12:28 PM
8	cammy huang	Aug 28, 2011 3:32 AM
9	Jieru Wang	Aug 24, 2011 7:17 PM

**Page 1, Q3. Please provide your name.**

10	Beth Tamburini	Aug 24, 2011 7:15 PM
11	Anatoly Rubtsov	Aug 24, 2011 6:07 PM
12	Kevin Anchukaitis	Aug 24, 2011 1:42 PM
13	beth pruit	Aug 23, 2011 7:10 PM
14	Sander Connolly	Aug 23, 2011 12:52 PM
15	Mark Anders	Aug 23, 2011 11:41 AM
16	V. Faye McNeill	Aug 23, 2011 10:35 AM
17	James E. Goldman	Aug 23, 2011 9:49 AM
18	james hone	Aug 23, 2011 9:43 AM
19	Britt Reichborn-Kjennerud	Aug 23, 2011 8:00 AM
20	Jessica Kandel	Aug 23, 2011 7:35 AM
21	Sidney Hemming	Aug 23, 2011 5:13 AM
22	Jessica Lee	Aug 23, 2011 12:36 AM
23	Daniel Wolf Savin	Aug 22, 2011 11:15 PM
24	W. Ian Lipkin	Aug 22, 2011 10:55 PM
25	Norman Kleiman	Aug 22, 2011 10:04 PM
26	Duc T. Duong	Aug 22, 2011 5:32 PM
27	Janet Kalesnikoff	Aug 22, 2011 1:47 PM
28	Santiago Perez	Aug 22, 2011 1:15 PM
29	Jonathan Payne	Aug 22, 2011 12:13 PM
30	Steve Herron	Aug 16, 2011 12:45 AM
31	Peter Ridd	Aug 11, 2011 7:09 PM
32	Mikko Haataja	Aug 11, 2011 3:07 PM
33	Jennifer Schwartz	Aug 9, 2011 5:10 PM
34	Michelle Dolinski	Aug 9, 2011 11:18 AM
35	Amanda Serenevy	Aug 9, 2011 6:52 AM
36	Saniya LeBlanc	Aug 9, 2011 1:18 AM
37	Cecily Ryan	Aug 8, 2011 8:20 PM
38	Peggy Ho	Aug 8, 2011 8:17 PM

**Page 1, Q3. Please provide your name.**

39	Jack Chai	Aug 8, 2011 8:08 PM
40	JI YOUN LIM	Aug 8, 2011 7:44 PM
41	Chun hua Zheng	Aug 8, 2011 7:34 PM
42	Nicholas Cordella	Aug 8, 2011 7:23 PM
43	Armen Mekhdjian	Aug 8, 2011 7:17 PM
44	Steve Keating	Aug 8, 2011 4:08 PM
45	Prof. Michael Littman	Aug 4, 2011 7:15 AM
46	Jay Benziger	Aug 3, 2011 3:25 PM
47	Kwonnam Sohn	Aug 3, 2011 7:32 AM
48	Dan Sykes	Aug 2, 2011 8:56 AM
49	Marya Lieberman	Aug 1, 2011 6:51 PM
50	Scott Phillips	Jul 29, 2011 12:18 PM
51	Thomas Neuberger	Jul 29, 2011 11:37 AM
52	Lanagan	Jul 29, 2011 11:35 AM

**Page 1, Q9. What percentage of your time did you spend mentoring the teacher this summer?**

1	20%	Sep 8, 2011 12:30 AM
2	10%	Sep 7, 2011 1:20 PM
3	10%	Sep 7, 2011 12:05 PM
4	5%	Sep 7, 2011 8:37 AM
5	5%	Aug 31, 2011 3:42 PM
6	25	Aug 30, 2011 1:01 PM
7	5-10 percent	Aug 29, 2011 12:28 PM
8	5-10%	Aug 28, 2011 3:32 AM
9	30%	Aug 24, 2011 7:17 PM
10	75	Aug 24, 2011 7:15 PM
11	30	Aug 24, 2011 6:07 PM

**Page 1, Q9. What percentage of your time did you spend mentoring the teacher this summer?**

12	10%	Aug 24, 2011 1:42 PM
13	2%	Aug 23, 2011 7:10 PM
14	5%	Aug 23, 2011 12:52 PM
15	5%	Aug 23, 2011 11:41 AM
16	5%	Aug 23, 2011 10:35 AM
17	5%	Aug 23, 2011 9:49 AM
18	2%	Aug 23, 2011 9:43 AM
19	20	Aug 23, 2011 8:00 AM
20	5%	Aug 23, 2011 7:35 AM
21	~10-20	Aug 23, 2011 5:13 AM
22	75%	Aug 23, 2011 12:36 AM
23	10%	Aug 22, 2011 11:15 PM
24	5	Aug 22, 2011 10:55 PM
25	20	Aug 22, 2011 10:04 PM
26	20%	Aug 22, 2011 5:32 PM
27	10%	Aug 22, 2011 1:47 PM
28	15-25%	Aug 22, 2011 1:15 PM
29	10%	Aug 22, 2011 12:13 PM
30	25% direct supervision	Aug 16, 2011 12:45 AM
31	10	Aug 11, 2011 7:09 PM
32	10%	Aug 11, 2011 3:07 PM
33	30%	Aug 9, 2011 5:10 PM
34	10%	Aug 9, 2011 11:18 AM
35	About 100 hours over 5 weeks (about 20 hours per week)	Aug 9, 2011 6:52 AM
36	15%	Aug 9, 2011 1:18 AM
37	70%	Aug 8, 2011 8:20 PM
38	50%	Aug 8, 2011 8:17 PM
39	10	Aug 8, 2011 8:08 PM

**Page 1, Q9. What percentage of your time did you spend mentoring the teacher this summer?**

40	25%	Aug 8, 2011 7:44 PM
41	60%	Aug 8, 2011 7:34 PM
42	15%	Aug 8, 2011 7:23 PM
43	25%	Aug 8, 2011 7:17 PM
44	About 10 % of my time for a given week	Aug 8, 2011 4:08 PM
45	20%	Aug 4, 2011 7:15 AM
46	10%	Aug 3, 2011 3:25 PM
47	~ 20%	Aug 3, 2011 7:32 AM
48	30%	Aug 2, 2011 8:56 AM
49	<10%	Aug 1, 2011 6:51 PM
50	5%	Jul 29, 2011 12:18 PM
51	20	Jul 29, 2011 11:37 AM
52	5	Jul 29, 2011 11:35 AM

**Page 1, Q10. How much of the teacher's training was done by OTHER lab personnel? Please respond in percentages (e.g., Faculty 20%, Grad Students 50%).**

Faculty		
3	8%-Planet; 2%-Prince	Sep 7, 2011 12:05 PM
6	0	Aug 30, 2011 1:01 PM
7	20%	Aug 29, 2011 12:28 PM
10	5	Aug 24, 2011 7:15 PM
11	15	Aug 24, 2011 6:07 PM
15	30%	Aug 23, 2011 11:41 AM
19	negligible	Aug 23, 2011 8:00 AM
20	10%	Aug 23, 2011 7:35 AM
22	0%	Aug 23, 2011 12:36 AM
24	20	Aug 22, 2011 10:55 PM

**Page 1, Q10. How much of the teacher's training was done by OTHER lab personnel? Please respond in percentages (e.g., Faculty 20%, Grad Students 50%).**

25	0	Aug 22, 2011 10:04 PM
26	0	Aug 22, 2011 5:32 PM
29	0%	Aug 22, 2011 12:13 PM
30	0	Aug 16, 2011 12:45 AM
33	30% second faculty Member (Chris Chidsey)	Aug 9, 2011 5:10 PM
34	20%	Aug 9, 2011 11:18 AM
35	0	Aug 9, 2011 6:52 AM
36	1%	Aug 9, 2011 1:18 AM
37	0%	Aug 8, 2011 8:20 PM
39	50	Aug 8, 2011 8:08 PM
40	20%	Aug 8, 2011 7:44 PM
41	0	Aug 8, 2011 7:34 PM
42	10%	Aug 8, 2011 7:23 PM
43	5%	Aug 8, 2011 7:17 PM
44	Unknown	Aug 8, 2011 4:08 PM
48	30%	Aug 2, 2011 8:56 AM
49	10%	Aug 1, 2011 6:51 PM
52	5	Jul 29, 2011 11:35 AM
<b>Lab Technician</b>		
1	20%	Sep 8, 2011 12:30 AM
5	10%	Aug 31, 2011 3:42 PM
6	0	Aug 30, 2011 1:01 PM
7	60%	Aug 29, 2011 12:28 PM
9	30%	Aug 24, 2011 7:17 PM
10	0	Aug 24, 2011 7:15 PM
11	0	Aug 24, 2011 6:07 PM
12	50%	Aug 24, 2011 1:42 PM
15	20%	Aug 23, 2011 11:41 AM

**Page 1, Q10. How much of the teacher's training was done by OTHER lab personnel? Please respond in percentages (e.g., Faculty 20%, Grad Students 50%).**

17	20%	Aug 23, 2011 9:49 AM
18	20%	Aug 23, 2011 9:43 AM
19	N/A	Aug 23, 2011 8:00 AM
20	5%	Aug 23, 2011 7:35 AM
21	~50	Aug 23, 2011 5:13 AM
22	0%	Aug 23, 2011 12:36 AM
24	25	Aug 22, 2011 10:55 PM
25	0	Aug 22, 2011 10:04 PM
26	0	Aug 22, 2011 5:32 PM
29	0%	Aug 22, 2011 12:13 PM
30	0	Aug 16, 2011 12:45 AM
31	10	Aug 11, 2011 7:09 PM
35	0	Aug 9, 2011 6:52 AM
36	0	Aug 9, 2011 1:18 AM
37	0%	Aug 8, 2011 8:20 PM
40	0%	Aug 8, 2011 7:44 PM
41	0	Aug 8, 2011 7:34 PM
43	0%	Aug 8, 2011 7:17 PM
44	Unknown	Aug 8, 2011 4:08 PM
52	10	Jul 29, 2011 11:35 AM
PostDoc Researcher(s)		
1	10%	Sep 8, 2011 12:30 AM
4	80%	Sep 7, 2011 8:37 AM
6	0	Aug 30, 2011 1:01 PM
10	5	Aug 24, 2011 7:15 PM
11	25	Aug 24, 2011 6:07 PM
14	45%	Aug 23, 2011 12:52 PM
16	10%	Aug 23, 2011 10:35 AM

**Page 1, Q10. How much of the teacher's training was done by OTHER lab personnel? Please respond in percentages (e.g., Faculty 20%, Grad Students 50%).**

17	30%	Aug 23, 2011 9:49 AM
19	5	Aug 23, 2011 8:00 AM
20	20%	Aug 23, 2011 7:35 AM
22	15%	Aug 23, 2011 12:36 AM
23	90%	Aug 22, 2011 11:15 PM
24	50	Aug 22, 2011 10:55 PM
25	0	Aug 22, 2011 10:04 PM
26	0	Aug 22, 2011 5:32 PM
27	90%	Aug 22, 2011 1:47 PM
28	50%	Aug 22, 2011 1:15 PM
29	10%	Aug 22, 2011 12:13 PM
30	0	Aug 16, 2011 12:45 AM
31	10	Aug 11, 2011 7:09 PM
35	0	Aug 9, 2011 6:52 AM
36	0	Aug 9, 2011 1:18 AM
37	0%	Aug 8, 2011 8:20 PM
40	50%	Aug 8, 2011 7:44 PM
41	0	Aug 8, 2011 7:34 PM
43	0%	Aug 8, 2011 7:17 PM
44	Unknown	Aug 8, 2011 4:08 PM
49	10%	Aug 1, 2011 6:51 PM
Grad Student(s)		
1	20%	Sep 8, 2011 12:30 AM
2	40%	Sep 7, 2011 1:20 PM
4	15%	Sep 7, 2011 8:37 AM
5	85%	Aug 31, 2011 3:42 PM
6	0	Aug 30, 2011 1:01 PM
7	20%	Aug 29, 2011 12:28 PM

**Page 1, Q10. How much of the teacher's training was done by OTHER lab personnel? Please respond in percentages (e.g., Faculty 20%, Grad Students 50%).**

10	5	Aug 24, 2011 7:15 PM
11	10	Aug 24, 2011 6:07 PM
13	50%	Aug 23, 2011 7:10 PM
14	50%	Aug 23, 2011 12:52 PM
15	50%	Aug 23, 2011 11:41 AM
16	75%	Aug 23, 2011 10:35 AM
17	30%	Aug 23, 2011 9:49 AM
18	60%	Aug 23, 2011 9:43 AM
19	5	Aug 23, 2011 8:00 AM
20	65%	Aug 23, 2011 7:35 AM
21	~50	Aug 23, 2011 5:13 AM
22	0%	Aug 23, 2011 12:36 AM
25	10	Aug 22, 2011 10:04 PM
26	80%	Aug 22, 2011 5:32 PM
28	25%	Aug 22, 2011 1:15 PM
29	10%	Aug 22, 2011 12:13 PM
30	10	Aug 16, 2011 12:45 AM
32	90%	Aug 11, 2011 3:07 PM
34	10%	Aug 9, 2011 11:18 AM
35	0	Aug 9, 2011 6:52 AM
36	40%	Aug 9, 2011 1:18 AM
37	0%	Aug 8, 2011 8:20 PM
39	50	Aug 8, 2011 8:08 PM
40	30%	Aug 8, 2011 7:44 PM
41	0	Aug 8, 2011 7:34 PM
42	10%	Aug 8, 2011 7:23 PM
43	85%	Aug 8, 2011 7:17 PM
44	Unknown	Aug 8, 2011 4:08 PM

**Page 1, Q10. How much of the teacher's training was done by OTHER lab personnel? Please respond in percentages (e.g., Faculty 20%, Grad Students 50%).**

46	20%	Aug 3, 2011 3:25 PM
47	100 %	Aug 3, 2011 7:32 AM
48	20%	Aug 2, 2011 8:56 AM
50	80%	Jul 29, 2011 12:18 PM
51	30	Jul 29, 2011 11:37 AM
52	10	Jul 29, 2011 11:35 AM
Other (please specify)		
6	0	Aug 30, 2011 1:01 PM
8	worked with HS intern also	Aug 28, 2011 3:32 AM
17	Undergraduate student 20%	Aug 23, 2011 9:49 AM
19	Research Scientist--10	Aug 23, 2011 8:00 AM
29	0%	Aug 22, 2011 12:13 PM
30	0	Aug 16, 2011 12:45 AM
34	10% undergraduate student	Aug 9, 2011 11:18 AM
35	0	Aug 9, 2011 6:52 AM
37	0%	Aug 8, 2011 8:20 PM
38	returning summer student 10%	Aug 8, 2011 8:17 PM
41	0	Aug 8, 2011 7:34 PM
43	10%, peer mentor	Aug 8, 2011 7:17 PM
44	Unknown	Aug 8, 2011 4:08 PM
45	undergrads Eric Valero and Karen Wang assisted - 25%	Aug 4, 2011 7:15 AM
46	PCCM outreach director 20%	Aug 3, 2011 3:25 PM
48	50% independent study	Aug 2, 2011 8:56 AM
49	Undergrad researchers 70-80%	Aug 1, 2011 6:51 PM

**Page 2, Q13. Overall assessment of the program:**

1	I firmly believe in this program, for the K12 teacher, myself and for the members of my laboratory. It allows for culture exchange and enhancement, but more	Sep 8, 2011 12:36 AM
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**Page 2, Q13. Overall assessment of the program:**

importantly, it provides everybody with the opportunity to develop strategies and think about good approaches of taking active research back to the School's classroom. I have no doubt that teachers who had this highly valuable experience are determined and are more likely to succeed to get school students excited in science and the learning that has to work with it hand in hand.

2	Nick was great to work with and enthusiastic. Unfortunately his level of preparation (fund of knowledge) was minimal and he had a relatively hard time working through basic scientific ideas (molarity, for example). This made the mentoring job difficult, and I think it was pretty painful for Nick. In Nick's case, a very useful resource (maybe as part of the Monday class time) would have been somebody to review basic concepts with him and work through specific problems--a sort of office hours that could have alleviated some of the burden on the mentor. By the end, the blood sweat and tears paid off to a certain extent--and I think Nick really benefitted a lot!	Sep 7, 2011 12:15 PM
3	Initially it had seemed that the teacher was very committed to the program. Her commitment level was, in fact, relatively low. The teacher did spend a little time during the school year to prep for the summer, which is a plus---but overall I expected her to be one of the best teachers we have ever hosted, and this was not the case. Overall, I think the program is great. I do not fault the program for this less-than-positive experience. It was just this one case.	Sep 7, 2011 8:52 AM
4	Jeff was a very enthusiastic person. I suggested the project and he did all the background reading. This was followed by Jeff going into the field and collecting samples. Then one of my graduate students showed him how to process the samples - he did this with some help from the lab personal. All the while he would encounter problems and come to me for suggestions as how to proceed. The project is clearly a two year project the results from the first year's work will not be available until next year. Also, Jeff is taking his class to Lamont's open house at which time I will discuss with them what Jeff has done and the lab he worked in. Jeff was a great addition to our research group and I look forward to his coming back next year	Aug 23, 2011 11:50 AM
5	Dame is very bright and she did some worthwhile research while in my group and she probably had a very positive experience. I was a bit disappointed, however, that she chose to treat my graduate students as her mentors rather than me. Her communication with me was minimal, so I feel that she did not get the full benefit of working in my group.	Aug 23, 2011 10:42 AM
6	Support for the mentor's expenses would allow me to repeat this experience.	Aug 23, 2011 7:37 AM
7	Tiffany was a joy to work with. Everybody in my group enjoyed her. In addition, she reached out to help the other teacher in the program. She worked side by side (mostly) with either lab technicians or graduate students, but she became full competent with the lab work.	Aug 23, 2011 5:18 AM
8	I feel exceptionally lucky to have had Valery. She was fantastic; I learned a lot from her, and I think she made a lot out of the experience that she had. The only thing I fear is that there's no guarantee that all other teachers in the program are as good.	Aug 23, 2011 12:41 AM
9	Would be helpful if the mentors had some orientation meeting or periodic get-together to ask questions, provide feedback and interact with each other.	Aug 22, 2011 10:06 PM
10	It was challenging to strike the right balance between helping with the research	Aug 22, 2011 1:22 PM

**Page 2, Q13. Overall assessment of the program:**

	and helping develop new projects applicable to the classroom. Given the short time I felt the teachers needed the flexibility to devote more time to these 2 major tasks and less to other requirements of the program.	
11	Len was great this summer...I wish I'd had more experiments to keep him occupied!	Aug 16, 2011 12:48 AM
12	Alia was an excellent person to have a round the lab. SHe got lots done and was always enthusiastic. Whether we would have another teacher would depend mostly on if we have suitable projects. Not everthing we do is suitable.	Aug 11, 2011 7:11 PM
13	Jessica set up a high school physics curriculum tying in fundamental physical phenomena to biological events, using examples from our lab. Her curriculum allows students to learn real world applications for their studies and motivates them to continue pursuing careers in science and engineering.	Aug 8, 2011 7:19 PM
14	I had Eric work on a project involving the history of science - it was a good topic for him - limited in scope and just beginning - being at the ground level means that one has a better understanding of the big picture of the research and can guide the research. The topic was closely connected to his teaching and I am sure that it will help him in the future. He brought his own knowledge to the project and it proved to be very helpful. In particular his knowledge of Kelvin's water drop electrostatic generator helped us to understand the workings of the Wimshurst electrostatic generator.	Aug 4, 2011 7:26 AM
15	A positive experience overall. The only negative aspect involves the amount of time - or lack of time - I was able to provide the teacher. My schedule ended up being more hectic/busier than planned. As a result, I was not able to devote more time to Bill.	Aug 2, 2011 9:01 AM
16	Please note that this survey assumes only one "mentee"--I had three K-12 teachers in my lab this summer. The outcomes were not the same for the three of them; one was much less flexible about working with the undergraduates, but still seemed to get a lot of enjoyment from his lab work and from being part of a large research team. The other two worked closely with three undergraduates and they really accomplished quite a lot of useful work.	Aug 1, 2011 6:56 PM
17	The schedule seems to be very tight. Lot of seminars and meetings for the teachers.	Jul 29, 2011 11:37 AM

**Page 2, Q15. Please feel free to share any additional comments or suggestions**

1	When Tina and my group met to listen to Tina's seminar, we were excited by the insightful way, Tina had dealt with this rather complex material. It provided me with a new way of getting concepts and some subject materials perceived as boring or challenging across to my first year university students.	Sep 8, 2011 12:36 AM
2	Overall, I think the program is excellent. Our experience this time was just a statistical fluctuation. I graded Point 13 for my experience with the program as a whole. The other grades are for this current year only-and relate more to the teacher than the structure and effort of the program itself, which I think is very well run and effective.	Sep 7, 2011 8:52 AM

**Page 2, Q15. Please feel free to share any additional comments or suggestions**

3	Pauline came in with a great attitude and was a rewarding student. I look forward to seeing how she develops next summer and to hearing how her experience was put to use during the year.	Aug 31, 2011 3:51 PM
4	I think my experience was largely negative because of the individual, but perhaps it was a bad mix for my lab.	Aug 23, 2011 12:56 PM
5	Great program! I almost passed on it, which would have been a mistake on my part.	Aug 23, 2011 11:50 AM
6	If this program is to engage a wide variety of researchers, support for the mentor's expenses (space, supplies, facilities) must be included. Otherwise, labs such as mine will be forced to drop out.	Aug 23, 2011 7:37 AM
7	I never know how to answer questions about a very new person's contribution to my research or insights into the research. Tiffany was a great person to have around, and she was great in the lab. It was so fresh to her that she was just absorbing the intellectual part this first summer. Her outgoing nature definitely contributed to my understanding of how to explain our research to new people.	Aug 23, 2011 5:18 AM
8	Because I took AP Biology in high school, it was especially exciting to me to see how an AP Biology teacher views her students, how she thinks about her teaching, and how coursework is developed. And I learned about ways teachers come up with teach cutting-edge science with limited resources. I think I learned as much as Valery did.	Aug 23, 2011 12:41 AM
9	Working with Chung has been a fantastic experience. As we did last year, we are continuing our collaboration during the academic year by having his students collect body size data. I have also applied to continue his placement in my lab for another 5 years in my NSF CAREER application.	Aug 22, 2011 12:15 PM
10	The reason for my rather "cool" ratings in item 14 above (slight increase) was due to the fact that I am already interested in working with the pre-college set - I served on a K-12 School Board for 6 years. I have worked with many teachers in the K-12 environment, and I have myself spent time presenting in elementary, middle, and high schools. I think that your program is very worthwhile.	Aug 4, 2011 7:26 AM
11	As per #14: My responses remain unchanged from what they were/would have been in prior years. Participation in such programs is important and vital.	Aug 2, 2011 9:01 AM
12	I have worked with many K-12 teachers, so my answers in section 14 should not be taken as an indication that my interest level has decreased after this summer...it's already quite high!	Aug 1, 2011 6:56 PM