

Ohio Science and Engineering Alliance

2006 Mentoring Survey Results

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Introduction

- Evaluation of mentor, mentoring relationship, and overall internship experience
- Student mentoring survey sent out shortly after Ohio Student Research Forum
- Survey sent out to 68 internship participants
→ 51 respondents. 75% response rate

Intellectual Growth and Development

3. Intellectual Growth and Development

My mentor. . .

Top number is the count of respondents selecting the option. Bottom % is percent of total respondents selecting

	1 not at all	2 not well	3 neutral	4 well	5 very well	
Provided helpful advice on my academic progress and growth.	1 2%	1 2%	6 12%	14 28%	28 56%	
Helped me become increasingly independent in doing research.	0 0%	2 4%	2 4%	21 41%	26 51%	
Challenged my ways of thinking about and doing research.	1 2%	0 0%	3 6%	18 35%	29 57%	
Provided constructive feedback on my research ideas.	1 2%	1 2%	3 6%	18 35%	28 55%	
Showed respect for my decisions and actions.	0 0%	1 2%	5 10%	10 20%	34 68%	
	1 not at all	2 not well	3 neutral	4 well	5 very well	N/A
Helped me develop a capacity for theoretical reasoning.	1 2%	1 2%	9 18%	15 29%	20 39%	5 10%
Helped me develop a capacity for analysis and interpretation.	0 0%	1 2%	4 8%	18 35%	25 49%	3 6%

Professional/Career Development

5. Professional / Career Development					
My mentor...					
	1	2	3	4	5
	not at all	not well	neutral	well	very well
Provided advice on my coursework and academic goals.	1 2%	3 6%	7 14%	22 43%	18 35%
Offered information about careers in the field.	1 2%	2 4%	15 29%	18 35%	15 29%
Encouraged my continuation in the field.	1 2%	0 0%	6 12%	15 30%	28 56%
Facilitated interactions with others in the department or in the field.	1 2%	0 0%	9 18%	16 31%	25 49%
Was a good match for me in terms of research interests.	1 2%	2 4%	6 12%	12 24%	30 59%

Personal Communication and Other

6. Personal Communication and Other					
My mentor...					
	1	2	3	4	5
	not at all	not well	neutral	well	very well
Clearly explained the research project and his/her expectations.	0 0%	1 2%	4 8%	18 35%	28 55%
Listened carefully to my concerns.	1 2%	0 0%	7 14%	18 35%	25 49%
Routinely monitored and reviewed my progress with me.	1 2%	3 6%	4 8%	16 31%	27 53%
Provided timely feedback.	1 2%	1 2%	6 12%	16 31%	27 53%
Was appropriately accessible.	1 2%	4 8%	8 16%	7 14%	31 61%

Role Modeling

7. Role Modeling					
My mentor...					
	1	2	3	4	5
	not at all	not well	neutral	well	very well
Conveyed high ethical standards for research.	0 0%	0 0%	4 8%	15 29%	32 63%
Demonstrated good work habits.	0 0%	0 0%	4 8%	19 37%	28 55%
Demonstrated good teamwork skills.	0 0%	0 0%	5 10%	18 36%	27 54%
Showed support by attending my presentations.	3 6%	1 2%	11 22%	5 10%	31 61%
Met my expectations.	1 2%	1 2%	4 8%	11 22%	34 67%

Mentoring Relationship

	1	2	3	4	5
	poor	unsatisfactory	neutral	satisfactory	excellent
How would you rate your relationship with your faculty mentor?	1 2%	1 2%	4 8%	14 28%	31 61%
How would you rate the research experience?	0 0%	0 0%	3 6%	15 29%	33 65%

	1	2
	yes	no
Do you plan to stay in touch with your mentor after the internship is over?	33 100%	0 0%
Would you recommend your mentor to other students?	47 94%	3 6%
Would you recommend this internship program to other students?	51 100%	0 0%

Frequency of meeting with mentor

10. On average, how frequently did you meet with your mentor?

daily	17	24%
4 times a week	4	8%
3 times a week	6	12%
2 times a week	12	24%
once a week	7	14%
once every 2 weeks	3	6%
once a month	0	0%
Other, Please Specify	2	4%
Total	51	100%

Open-ended item: *What can we do to improve the program?*

- 21 responses
 - Organized social events for students to meet other OSEA interns & faculty (4 comments)
 - Better communication regarding program requirements and payment (4)
 - Suggestions on screening & briefing mentors (2)
 - Opportunity to shadow a graduate student before starting an internship and other workshops on career development (2)

Discussion points for next year

- Informing mentors of expectations: being accessible, providing academic & career-related information, etc.
- Encouraging mentors to attend students' presentations
- Conducting survey of mentors