


Evaluation Report for 2006 Ohio Student Research Forum



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Ohio Student Research Forum 2006

Registrants Demographics

Table 1

Race	Student	Faculty, Staff, & Graduate Students
African American	54	18
Hispanic	14	2
White (non-minority)	10	30
Asian American / Pacific Islander	5	2
Native American	4	0

Table 2

Gender	Student	Faculty, Staff, & Graduate Students
Male	43	29
Female	42	30

Table 3. Academic or disciplinary area of participants

Discipline	Frequency	
	Student	Faculty
Aerospace Engineering	3	1
Biology & Biological Sciences	17	4
Biochemistry	3	-
Chemistry	4	3
Chemical Engineering	3	-
Civil Engineering	4	-
Computer Science & Engineering	3	1
Dietitics	1	-
Education	-	2
Electrical Engineering	5	-
Engineering (unspecified)	1	-
Health Science	1	-
Industrial & Welding Engineering	2	-
Materials Science & Engineering	3	2
Mechanical Engineering	8	2
Mathematics	-	1
Microbiology	2	-
Molecular Biology	-	1
Molecular Genetics	3	-
Neuroscience	1	1
Nuclear Engineering	1	-
Premed	4	-
Physical Sciences	-	1
Physics	2	-
Virology	-	1
Water & Environ Rsc Management/Engineering	1	-
Missing	3	2
Total	75	22

Note: Participants who responded with more than one major were counted multiple times.

Table 4. Class rank of students

		Frequency	Percent
Valid	First year	0	0
	Sophomore	13	19.4
	Junior	18	26.9
	Senior	36	53.7
Missing	System	4	
Total		71	

Table 5. Returning participants: Did you attend last year's Forum?

	Student		Faculty	
	Frequency	valid Percent	Frequency	valid Percent
YES	10	14.7	10	47.6
NO	58	85.3	11	52.4
Missing	3		0	
Total	71		21	

Table 6. Descriptive statistics for assessment of activities (q1-15), overall assessment (q16-21), & students presenting their research (q22-24)

	Student			Faculty		
	N	Mean	S. D.	N	Mean	S. D.
q1. Online Registration	69	4.42	.812	18	4.61	.502
q2. Onsite Registration	64	4.67	.592	11	4.73	.467
q3. Opening Remarks, Alliance & University Welcome	55	4.49	.690	7	4.14	.690
q4a. Workshop: Applying to Grad Sch & Financial Aid	15	4.40	.632	2	4.50	.707
q4b. Workshop: Study Skills & Time Management	30	4.00	1.050	6	4.50	.837
q4c. Workshop: Strategic Planning: Prep for the GRE	14	4.50	.650	3	5.00	.000
q4d. Workshop: What are your Career Interests?	18	4.53	.606	1	4.00	.
q5a. Panel: Biological & Health Sciences	21	4.62	.590	2	5.00	.000
q5b. Panel: Engineering & Physical Sciences	27	4.44	.641	8	4.75	.463
q6. Dinner Keynote: Dr. Gregory Washington	51	4.71	.576	13	4.50	.816
q7. Informal Networking Session (University Plaza Hotel)	44	3.64	1.036	5	4.60	.548
q8. Poster Session	70	4.49	.631	20	4.75	.550
q9. Student Recognition Awards (Lunch)	56	4.49	.599	14	4.68	.541
q10a. Oral Presentations: Biological & Health Sciences	20	4.65	.489	4	4.00	.000
q10b. Oral Presentations: Engineering & Phys Sciences	25	4.60	.500	7	4.64	.476
q11. Conference Location	65	4.49	.664	19	4.53	.513
q12. Conference Programs & Materials	65	4.45	.751	19	4.58	.507
q13. Conference Facilities/ Meeting Rooms	64	4.44	.710	18	4.39	.608
q14. Lodging	45	4.56	.624	11	4.36	.505
q15. Meals	62	4.18	1.064	19	4.55	.598
q16. Student presentations were interesting.	59	4.40	.586	16	4.53	.499
q17. Workshops were interesting.	48	4.21	.743	9	4.44	.527
q18. The panels were interesting.	42	4.50	.741	11	4.73	.467
q19. The posters were interesting.	67	4.57	.583	20	4.80	.410
q20. I will attend future Alliance programs/ conferences.	55	4.44	.834	19	4.74	.452
q21. The overall forum.	68	4.46	.499	18	4.69	.458
q22. The presentation was a good opportunity to report my research	58	4.69	.467			
q23. I received adequate assistance in my preparation for the presentation	58	4.55	.705			
q24. the presentation was helpful for my studies.	57	4.61	.648			

Table 7. Publicity: How did you learn about the research internship?

Method	Frequency
Campus representative	32
Friend	18
Email/ Listserv	15
Flyer	7
Previously participated in an internship	7
OSEA Website	6
Link from another website	3
Other	11
Missing	3
Total	102

Note: Participants were asked to “select all that apply.”

Table 8. Student satisfaction:
Would you recommend your friends participate next year?

		Frequency	Valid Percent
Valid	yes	100.0	100.0
	no	0	0
Missing	System	4	
Total		71	

Open-ended item:

What topics would you like covered at future conferences?

Student responses

- Medical school/research (7 comments)
- Discipline specific areas (i.e. immunology, more biology) (5)
- Graduate school: what you can obtain from it, how to choose a concentration or research topic, an open forum to discuss any questions (4)
- Research: opportunities, funding, & political decisions (3)
- Professionals from inner city and their stories
- “critical ways science & engineering can impact the world”
- “Internships/co-ops”
- “different workshops from year to year for repeat students”

Faculty, staff, and graduate student responses

- Statewide & fed scholarship support for undergraduates
- Publications & conference presentations
- Being a professor
- Developing professional relationships
- Life & work balance; innovative learning/teaching of STEM courses

Open-ended item:

How can we improve the Forum for next year?

Students' response

- Positive comments: “great experience for college education”, “Looking forward to coming next year!”, “Keep up the good work!” (18)
- Better informal networking/social session (10) & food (4)
- Communication: more information concerning abstracts, presentations, deadlines (4)
- Facilities: event locations closer together and more space for poster session (4)

Faculty/staff response

- Positive comments (6)
- Communication regarding Forum agenda & housing arrangements (3)
- Incentives for attendance throughout the conference such as door prizes or tickets (2)
- Duration of conference: suggestions to shorten Forum to 1 or 1½ day (2)

Discussion points for next Forum

- Facility
- Communication prior to Forum (i.e. regarding agenda, housing)
- Workshops
- Oral presentation attendance