

## EMBS Student Membership Survey Results 2006

Question		Multiple choice - one answer (button)	
<b>What is your membership status?</b>			
Total responses (N): 65		Did not respond: 0	
Numeric value	Answer	Frequency	Percentage
1	I am currently a member of IEEE EMBS.	64	98.46%
2	I was a member of IEEE EMBS in the past but am not currently.	1	1.54%
3	I have never been a member of IEEE EMBS.	0	0.00%

Response statistics <sup>**</sup>	
Mean	1.02
Median	1.00
Mode	1
Min/Max	1/2
Standard deviation	0.12

\*\* Calculated using numeric values

Question		Multiple choice - multiple answers (check)	
<b>Which of the following describes why you are no longer a member of EMBS?</b>			
Total responses (N): 1		Did not respond: 0	
Numeric value	Answer	Frequency	Percentage
1	It is too expensive.	1	100.00%
2	I do not feel that there is value in the membership.	0	0.00%
3	I do not feel that students are valued in the society.	0	0.00%
4	I forgot to renew my membership.	0	0.00%
5	Other:	0	0.00%

Response statistics <sup>**</sup>	
Mean	1.00
Median	1.00
Mode	1
Min/Max	1/1
Standard deviation	0

\*\* Calculated using numeric values

Question		Multiple choice - one answer (button)	
<b>For how many years have you been a member of EMBS?</b>			
Total responses (N): 65		Did not respond: 0	
Numeric value	Answer	Frequency	Percentage
1	Less than 1.	25	38.46%
2	1-2	23	35.38%
3	3-5	12	18.46%
4	5 or more.	5	7.69%

Response statistics <sup>**</sup>	
Mean	1.95
Median	2.00
Mode	1
Min/Max	1/4
Standard deviation	0.94

\*\* Calculated using numeric values

Question		Matrix - one answer per row (button)	
<b>Rank each of the following in terms of their value to your EMBS membership:</b>			
<i>Row 1</i> <b>A Print Copy of EMB Magazine</b>			
Total responses (N): 65		Did not respond: 0	
<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	Extremely Unimportant	1	1.54%
2	Moderately Unimportant	7	10.77%
3	Moderately Important	28	43.08%
4	Extremely Important	29	44.62%
<i>Row 2</i> <b>Access to EMBS Publications On-line</b>			
Total responses (N): 65		Did not respond: 0	
<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	Extremely Unimportant	2	3.08%
2	Moderately Unimportant	8	12.31%
3	Moderately Important	16	24.62%
4	Extremely Important	39	60.00%
<i>Row 3</i> <b>Cheaper Fee to Attend the EMBS Annual Conference</b>			
Total responses (N): 65		Did not respond: 0	
<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	Extremely Unimportant	2	3.08%
2	Moderately Unimportant	14	21.54%
3	Moderately Important	22	33.85%
4	Extremely Important	27	41.54%

<i>Response statistics**</i>	
<i>Row 1</i>	
Mean	3.31
Median	3.00
Mode	4
Min/Max	1/4
Standard deviation	0.73
<i>Row 2</i>	
Mean	3.42
Median	4.00
Mode	4
Min/Max	1/4
Standard deviation	0.83
<i>Row 3</i>	
Mean	3.14
Median	3.00
Mode	4
Min/Max	1/4
Standard deviation	0.86
<i>Row 4</i>	
Mean	2.91
Median	3.00
Mode	3
Min/Max	1/4
Standard deviation	0.93
<i>Row 5</i>	
Mean	3.38
Median	4.00
Mode	4
Min/Max	1/4
Standard deviation	0.72
<i>Row 6</i>	
Mean	3.34
Median	4.00
Mode	4
Min/Max	1/4
Standard deviation	0.82

\*\* Calculated using numeric values

<i>Row 4</i>				
<b>Access to Local EMBS Student Activities at Your School</b>				
Total responses (N): 65		Did not respond: 0		
<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>	
1	Extremely Unimportant	6	9.23%	
2	Moderately Unimportant	13	20.00%	
3	Moderately Important	27	41.54%	
4	Extremely Important	19	29.23%	

  

<i>Row 5</i>				
<b>Professional Development</b>				
Total responses (N): 65		Did not respond: 0		
<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>	
1	Extremely Unimportant	1	1.54%	
2	Moderately Unimportant	6	9.23%	
3	Moderately Important	25	38.46%	
4	Extremely Important	33	50.77%	

  

<i>Row 6</i>				
<b>Access to Information About Student Opportunities in Biomedical Engineering (Internships, Summer Schools, Etc.)</b>				
Total responses (N): 65		Did not respond: 0		
<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>	
1	Extremely Unimportant	3	4.62%	
2	Moderately Unimportant	5	7.69%	
3	Moderately Important	24	36.92%	
4	Extremely Important	33	50.77%	

Question		Matrix - one answer per row (button)	
<b>Rank the quality of each of the following:</b>			
<i>Row 1</i>			
<b>The EMBS Student Web (<a href="http://embstudents.org">http://embstudents.org</a>)</b>			
Total responses (N): 65		Did not respond: 0	
<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	Poor	4	6.15%
2	Average	13	20.00%
3	Good	22	33.85%
4	Excellent	7	10.77%
5	No Opinion	19	29.23%
<i>Row 2</i>			
<b>The Annual EMBS Conference</b>			
Total responses (N): 65		Did not respond: 0	
<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	Poor	0	0.00%
2	Average	4	6.15%
3	Good	15	23.08%
4	Excellent	12	18.46%
5	No Opinion	34	52.31%
<i>Row 3</i>			
<b>EMB Magazine</b>			
Total responses (N): 65		Did not respond: 0	
<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	Poor	0	0.00%
2	Average	5	7.69%
3	Good	36	55.38%
4	Excellent	20	30.77%
5	No Opinion	4	6.15%

Response statistics*	
<i>Row 1</i>	
Mean	3.37
Median	3.00
Mode	3
Min/Max	1/5
Standard deviation	1.27
<i>Row 2</i>	
Mean	4.17
Median	5.00
Mode	5
Min/Max	2/5
Standard deviation	0.99
<i>Row 3</i>	
Mean	3.35
Median	3.00
Mode	3
Min/Max	2/5
Standard deviation	0.72
<i>Row 4</i>	
Mean	4.22
Median	5.00
Mode	5
Min/Max	2/5
Standard deviation	1.02
<i>Row 5</i>	
Mean	3.38
Median	4.00
Mode	4
Min/Max	1/4
Standard deviation	0.72
<i>Row 6</i>	
Mean	3.34
Median	4.00
Mode	4
Min/Max	1/4
Standard deviation	0.82

\* Calculated using numeric values

Row 4

**Student Activities at the Annual EMBS Conference**

Total responses (N): 65      Did not respond: 0

<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	Poor	0	0.00%
2	Average	4	6.15%
3	Good	16	24.62%
4	Excellent	7	10.77%
5	No Opinion	38	58.46%

Row 5

**Student's Corner (Article by the Student Representative in EMB Magazine)**

Total responses (N): 65      Did not respond: 0

<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	Poor	0	0.00%
2	Average	14	21.54%
3	Good	29	44.62%
4	Excellent	7	10.77%
5	No Opinion	15	23.08%

Row 6

**Access to Information About Student Opportunities**

Total responses (N): 65      Did not respond: 0

<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	Poor	8	12.31%
2	Average	11	16.92%
3	Good	26	40.00%
4	Excellent	6	9.23%
5	No Opinion	14	21.54%

Row 7			
Emails Sent to Students			
		Total responses (N): 65	Did not respond: 0
Numeric value	Answer	Frequency	Percentage
1	Poor	2	3.08%
2	Average	24	36.92%
3	Good	24	36.92%
4	Excellent	10	15.38%
5	No Opinion	5	7.69%

  

Row 8			
Representation of Student Interests in the Society			
		Total responses (N): 65	Did not respond: 0
Numeric value	Answer	Frequency	Percentage
1	Poor	5	7.69%
2	Average	11	16.92%
3	Good	25	38.46%
4	Excellent	9	13.85%
5	No Opinion	15	23.08%

Question			
Did you attend the EMBS Annual Conference in New York in 2006?			
		Total responses (N): 65	Did not respond: 0
Numeric value	Answer	Frequency	Percentage
1	Yes	11	16.92%
2	No	54	83.08%

Response statistics**	
Mean	1.83
Median	2.00
Mode	2
Min/Max	1/2
Standard deviation	0.38

\*\* Calculated using numeric values

Question				Matrix - one answer per row (button)	
Rate each of the following student activities in terms of quality at the EMBS Annual Conference in New York in 2006:					
Row 1					
Lunch with Leaders					
Total responses (N): 11			Did not respond: 0		
Numeric value	Answer	Frequency	Percentage		
1	Poor	0	0.00%		
2	Average	2	18.18%		
3	Good	2	18.18%		
4	Excellent	1	9.09%		
5	Did Not Attend	6	54.55%		
Row 2					
Student Reception - New York Skyline Cruise					
Total responses (N): 11			Did not respond: 0		
Numeric value	Answer	Frequency	Percentage		
1	Poor	0	0.00%		
2	Average	0	0.00%		
3	Good	3	27.27%		
4	Excellent	5	45.45%		
5	Did Not Attend	3	27.27%		
Row 3					
BME Careers at a Glance Session					
Total responses (N): 11			Did not respond: 0		
Numeric value	Answer	Frequency	Percentage		
1	Poor	0	0.00%		
2	Average	0	0.00%		
3	Good	2	18.18%		
4	Excellent	3	27.27%		
5	Did Not Attend	6	54.55%		

Response statistics**	
Row 1	
Mean	4.00
Median	5.00
Mode	5
Min/Max	2/5
Standard deviation	1.26
Row 2	
Mean	4.00
Median	4.00
Mode	4
Min/Max	3/5
Standard deviation	0.77
Row 3	
Mean	4.36
Median	5.00
Mode	5
Min/Max	3/5
Standard deviation	0.81
Row 4	
Mean	4.18
Median	5.00
Mode	5
Min/Max	2/5
Standard deviation	1.17

<i>Row 4</i>				
<b>Survival 101 for BME Graduate Research Session</b>				
		Total responses (N): 11	Did not respond: 0	
<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>	
1	Poor	0	0.00%	
2	Average	1	9.09%	
3	Good	3	27.27%	
4	Excellent	0	0.00%	
5	Did Not Attend	7	63.64%	
<i>Row 5</i>				
<b>Students: The Movers and Shakers of EMBS Session</b>				
		Total responses (N): 11	Did not respond: 0	
<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>	
1	Poor	0	0.00%	
2	Average	1	9.09%	
3	Good	6	54.55%	
4	Excellent	1	9.09%	
5	Did Not Attend	3	27.27%	
<i>Row 6</i>				
<b>University Visits (Columbia, NJIT, Rutgers)</b>				
		Total responses (N): 11	Did not respond: 0	
<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>	
1	Poor	0	0.00%	
2	Average	0	0.00%	
3	Good	2	18.18%	
4	Excellent	0	0.00%	
5	Did Not Attend	9	81.82%	

<i>Row5</i>	
<i>Mean</i>	3.55
<i>Median</i>	3.00
<i>Mode</i>	3
<i>Min/Max</i>	2/5
<i>Standard deviation</i>	1.04
<i>Row6</i>	
<i>Mean</i>	4.64
<i>Median</i>	5.00
<i>Mode</i>	5
<i>Min/Max</i>	3/5
<i>Standard deviation</i>	0.81
<i>Row7</i>	
<i>Mean</i>	4.45
<i>Median</i>	5.00
<i>Mode</i>	5
<i>Min/Max</i>	3/5
<i>Standard deviation</i>	0.93
<i>Row8</i>	
<i>Mean</i>	4.09
<i>Median</i>	4.00
<i>Mode</i>	4
<i>Min/Max</i>	3/5
<i>Standard deviation</i>	0.70

\* Calculated using numeric values

Raw 7				
GOLD Reception				
		Total responses (N): 11	Did not respond: 0	
Numeric value	Answer	Frequency	Percentage	
1	Poor	0	0.00%	
2	Average	0	0.00%	
3	Good	3	27.27%	
4	Excellent	0	0.00%	
5	Did Not Attend	8	72.73%	

  

Raw 8				
Student Discounted Accomodations at the Marriott Marquis				
		Total responses (N): 11	Did not respond: 0	
Numeric value	Answer	Frequency	Percentage	
1	Poor	0	0.00%	
2	Average	0	0.00%	
3	Good	2	18.18%	
4	Excellent	6	54.55%	
5	Did Not Attend	3	27.27%	

Question				
Multiple choice - one answer (button)				
How often do you read the Student's Column article in EMB Magazine?				
		Total responses (N): 65	Did not respond: 0	
Numeric value	Answer	Frequency	Percentage	
1	Never	9	13.85%	
2	Occasionally	27	41.54%	
3	Often	21	32.31%	
4	Always	8	12.31%	

Response statistics <sup>a</sup>	
Mean	2.43
Median	2.00
Mode	2
Min/Max	1/4
Standard deviation	0.88

<sup>a</sup> Calculated using numeric values

Multiple choice - multiple answers (check)

*Question*  
Which of the following reasons describes why you do not always read Student's Column in EMB Magazine? (Click all that apply.)

Total responses (N): 35      Did not respond: 1

<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	I do not have time.	20	57.14%
2	The articles are not of interest to me as a student.	9	25.71%
3	I did not know there was a column for students in EMB Magazine.	12	34.29%
4	Other:	5	14.29%

*Response statistics\**

<i>Mean</i>	2.04
<i>Median</i>	2.00
<i>Mode</i>	1
<i>Min/Max</i>	1/4
<i>Standard deviation</i>	1.07

\* Calculated using numeric values

Multiple choice - multiple answers (check)

*Question*  
Which of the following represent topics that you would like to see in Student's Corner in EMB Magazine? (Click all that apply.)

Total responses (N): 64      Did not respond: 1

<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	Stories about EMBS student activities around the world.	31	48.44%
2	Information about career development (job search, career paths, etc.).	49	76.56%
3	Research being conducted by EMBS students around the world.	48	75.00%
4	Reports from conferences and summer schools regarding student activities.	31	48.44%
5	Other:	8	12.50%

*Response statistics\**

<i>Mean</i>	2.62
<i>Median</i>	3.00
<i>Mode</i>	2
<i>Min/Max</i>	1/5
<i>Standard deviation</i>	1.13

\* Calculated using numeric values

Multiple choice - one answer (button)

*Question*  
Which of the following reflects your feelings on emails from EMBS?

Total responses (N): 65      Did not respond: 0

<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	I do not get enough emails about EMBS events and activities.	18	27.69%
2	I get too many emails about EMBS events and activities.	8	12.31%
3	I get the right amount of emails about EMBS events and activities.	39	60.00%

*Response statistics\**

<i>Mean</i>	2.32
<i>Median</i>	3.00
<i>Mode</i>	3
<i>Min/Max</i>	1/3
<i>Standard deviation</i>	0.89

\* Calculated using numeric values

Multiple choice - multiple answers (check)

*Question*  
Which of the following describe what information you would like to receive in emails from EMBS? (Click all that apply.)

Total responses (N): 65      Did not respond: 0

<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	Upcoming Conferences	47	72.31%
2	Conference-Related Student Activities	36	55.38%
3	Job Opportunities	50	76.92%
4	Stories About Fellow EMBS Students	25	38.46%
5	Upcoming Summer Schools for Students	34	52.31%
6	Information About Professional Development	50	76.92%
7	Research Developments in Biomedical Engineering	58	89.23%

*Response statistics\**

<i>Mean</i>	4.15
<i>Median</i>	4.00
<i>Mode</i>	7
<i>Min/Max</i>	1/7
<i>Standard deviation</i>	2.14

\* Calculated using numeric values

Multiple choice - one answer (button)

*Question*  
Which of the following describes your involvement with EMBS locally at your school?

Total responses (N): 65      Did not respond: 0

<i>Numeric value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	I am a member of the Student Club or Chapter at my school, but I am not involved in planning activities.	9	13.85%
2	I am a member of the Student Club or Chapter at my school, and I am involved in planning activities.	14	21.54%
3	There is a Student Club or Chapter at my school, but I am not a member.	6	9.23%
4	There is no Student Club or Chapter at my school.	36	55.38%

*Response statistics\**

<i>Mean</i>	3.06
<i>Median</i>	4.00
<i>Mode</i>	4
<i>Min/Max</i>	1/4
<i>Standard deviation</i>	1.16

\* Calculated using numeric values

Matrix - one answer per row (button)			
Question			
Since you are involved with planning activities with the local EMBS Club or Chapter at your school, please rank the quality of each of the following:			
Row 1			
Access to Information About Establishing/Renewing a Club or Chapter			
Total responses (N): 14		Did not respond: 0	
Numeric value	Answer	Frequency	Percentage
1	Poor	2	14.29%
2	Average	2	14.29%
3	Good	5	35.71%
4	Excellent	1	7.14%
5	No Opinion	4	28.57%
Row 2			
Timely Responses to My Questions from EMBS			
Total responses (N): 14		Did not respond: 0	
Numeric value	Answer	Frequency	Percentage
1	Poor	0	0.00%
2	Average	3	21.43%
3	Good	5	35.71%
4	Excellent	1	7.14%
5	No Opinion	5	35.71%
Row 3			
Access to Information About Obtaining Funding for Activities			
Total responses (N): 14		Did not respond: 0	
Numeric value	Answer	Frequency	Percentage
1	Poor	2	14.29%
2	Average	3	21.43%
3	Good	4	28.57%
4	Excellent	1	7.14%
5	No Opinion	4	28.57%

Response statistics*	
Row 1	
Mean	3.21
Median	3.00
Mode	3
Min/Max	1/5
Standard deviation	1.42
Row 2	
Mean	3.57
Median	3.00
Mode	3, 5
Min/Max	2/5
Standard deviation	1.22
Row 3	
Mean	3.14
Median	3.00
Mode	3, 5
Min/Max	1/5
Standard deviation	1.46
Row 4	
Mean	3.43
Median	3.50
Mode	5
Min/Max	1/5
Standard deviation	1.45
Row 5	
Mean	2.79
Median	2.00
Mode	2
Min/Max	1/5
Standard deviation	1.31

\* Calculated using numeric values

Row 4

**Help With Planning Activities from EMBS**

Total responses (N): 14

Did not respond: 0

Numeric

<i>value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	Poor	1	7.14%
2	Average	4	28.57%
3	Good	2	14.29%
4	Excellent	2	14.29%
5	No Opinion	5	35.71%

Row 5

**Resources on the EMBS Student Web (<http://embstudents.org>)**

Total responses (N): 14

Did not respond: 0

Numeric

<i>value</i>	<i>Answer</i>	<i>Frequency</i>	<i>Percentage</i>
1	Poor	1	7.14%
2	Average	7	50.00%
3	Good	3	21.43%
4	Excellent	0	0.00%
5	No Opinion	3	21.43%