

UNIVERSITY OF DAYTON

# Premedical Programs Office

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## Assessment Report

College of Arts and Sciences

10/30/2011

Kathleen C. Scheltens, Ph.D.

University of Dayton  
Premedical Programs  
Assessment Report October 2011

**Outcome #1: Graduates from the MED and DEN curricula will meet eligibility requirements to enter a medical, dental or other health professional school.**

Measure 1: MED graduates will meet or exceed the national average on all sections of the MCAT.

Results: Based on the AAMC MCAT results, students identifying as University of Dayton students in the MED majors had the following scores on the 2009 administration of the MCAT:

	Verbal Reasoning	Physical Science	Biological Science	Total
MED Majors	9.45	9.6	9.45	28.5
Nat. Ave.	7.9	8.3	8.8	25

University of Dayton MED majors surpassed the national average in all sections of the MCAT in 2010.

Measure 2: MED and DEN graduates will have a 70% acceptance rate to professional schools.

Results: Students graduating in 2010 reported the following matriculations to medical or dental school:

Year		<b>MED</b>	<b>DEN</b>
	Applied	21	3
<b>2011</b>	Accepted	14 (66.6%)	2 (66.6%)

This year there were less students both applying and being accepted to medical school than the previous four years. This is the first year in the past five years that saw less than 70% of MED majors being accepted to medical school. There were the same number of DEN majors both applying and being accepted to dental school as there were in 2011. While the percentage of matriculations of DEN majors to dental school is lower than 80%, the small size of n makes this percentage difficult to compare to the goal of 80% matriculation.

**Outcome #2: UD Graduates from majors other than MED/DEN who utilize the services and programs of the Premedical Programs Office will meet eligibility requirements to enter a medical, dental or other health professional school.**

Measure 1: Graduates in other majors will meet or exceed the national average on all sections of the MCAT.

Results: Based on the AAMC MCAT results, students identifying as University of Dayton students with majors other than MED had the following scores on the 2009 administration of the MCAT:

NONMED Majors	9.54	9.65	9.81	28.82
Nat. Ave.	7.9	8.3	8.8	25

University of Dayton non-MED majors surpassed the national average in all sections of the MCAT in 2010.

Measure 2: Graduates in other majors will have a 70% acceptance rate to professional schools.

	Year		<i>BCM</i>	<i>BIO</i>	<i>CME</i>	<i>Other</i>	<i>Total</i>
<b>Medical School</b>	<b>2011</b>	Applied	2	14	2	3	21
		Accepted	2	11	2	0	15 (71.4%)
<b>Dental School</b>	<b>2011</b>	Applied		2		1	3
		Accepted		0		0	0

The goal of 70% acceptance was met for the non-MED majors applying to medical school (71.4%). However none of the non-DEN majors were accepted into dental school in 2010.

**Outcome #3: Graduates from the MED/DEN curricula will actively engage in community service.**

**University Level Learning Outcome: Community**

Measure 1: 80% of graduating seniors will report that they have participated in community service during their undergraduate years.

Results: The Graduate Survey completed in May 2011 indicated that 89% of respondents reported participating in community service.

Measure 2: 80% of graduating seniors will report that they have actively participated in a student organization or club.

Results: The Graduate Survey completed in May 2011 indicated that 100% of respondents reported participating in a student organization or club.

# Appendix

## Office of Premedical Programs

### 2011 Senior Survey

The purpose of this study was to obtain information regarding graduating seniors' future plans and allow students to evaluate their experiences with the Premedical Program Office and their UD experience. The students sampled are identified MED or DEN Majors at University of Dayton scheduled to graduate in May 2011. Students were sent an email notice asking them to complete an on-line survey. A total of 35 MED/DEN students were invited and encouraged to complete the survey. A total of 22 surveys were completed.

1. I declared the MED major:

	Frequency	Percent	Cumulative Percent
Missing	2	9.1	9.1
as a freshman	13	59.1	68.2
as a junior	1	4.5	72.7
as a sophomore	6	27.3	100.0
Total	22	100.0	

2. I declared the DEN major:

	Frequency	Percent	Cumulative Percent
Missing	20	90.9	90.9
as a freshman	2	9.1	100.0
Total	22	100.0	

3. If you have applied for entry into any health professional school, answer the following:

- I have been accepted into a program.
- I have not been accepted into a program.
- I do not yet know the fate of my applications.

	Frequency	Percent	Cumulative Percent
Missing	3	13.6	13.6
I do not yet know the fate of my applications.	3	13.6	27.3
I have been accepted into at least one program.	11	50.0	77.3
I have not been accepted into a program.	5	22.7	100.0
Total	22	100.0	

4. If you have been accepted into a health professional program, please identify the TYPE of program (e.g. Med School, Pharmacy, PT, PA, etc.) and the schools to which you have been accepted.

Medical School	9
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5. If you have applied for entry into graduate school, answer the following:

- I have been accepted into at least one program
- I have not been accepted into a program.
- I do not yet know the fate of my applications.

	Frequency	Percent	Cumulative Percent
Missing	18	81.8	81.8
I do not yet know the fate of my applications.	3	13.6	95.5
I have been accepted into at least one program.	1	4.5	100.0
Total	22	100.0	

6. If you have been accepted into a graduate program or post-bachelor program, please identify the TYPE of program (e.g. Biology, Chemistry, etc) and the schools to which you have been accepted.

	Frequency	Percent	Cumulative Percent
Missing	21	95.5	95.5
Biomedical Sciences Program	1	4.5	100.0
Total	22	100.0	

7. Regardless of whether you are beginning another educational program in the fall, do you INTEND to seek any of the following additional degrees in the future?

Master's Degree	4
Ph.D.	2
M.D.	14
D.O.	3
DDS	2
PA	2
PharmD.	1
DVM	1

8. If you are seeking full time year round employment after graduation, answer the following:

- I have secured a position upon graduation.
- I have not secured a position upon graduation.

	Frequency	Percent	Cumulative Percent
Missing	15	68.2	68.2
I have not yet secured a position upon graduation.	7	31.8	100.0
Total	22	100.0	



9. Please rate your level of satisfaction with each area of service offered by the Premedical Programs Office by checking your response using the following scale: very unsatisfactory; unsatisfactory; satisfactory; very satisfactory.

Note – For comparison purposes, responses from the 2010 survey are listed below this year's results.

	Very Satisfactory	Satisfactory	Unsatisfactory	Very Unsatisfactory	Mean
<b>Workshops, seminars</b>					
2011	11 (52.4%)	9 (42.9%)	0	1 (4.8%)	3.43
2010	10 (35.7%)	17 (60.7%)	1 (3.5%)	0	3.32

<b>Professional School</b>					
<b>Application process</b>					
	Very Satisfactory	Satisfactory	Unsatisfactory	Very Unsatisfactory	Mean
2011	11 (52.4%)	9 (42.9%)	0	1 (4.8%)	3.43
2010	11 (39.2%)	15 (53.5%)	1 (3.5%)	1 (3.5%)	3.29

## Newsletter

2011	11 (52.4%)	8 (21%)	1 (4.8%)	1 (4.8%)	3.38
2010	8 (21%)	20 (52%)	0	0	3.29

## Scholarships and Grants Programs

2011	19 (47.6%)	19 (38.1%)	6 (9.5%)	1 (4.8%)	3.29
2010	10 (35.7%)	12 (42.8%)	5 (17.8%)	1 (3.5%)	3.11

### 10. Who is your MED/DEN advisor?

Robert Kearns 8 (40%)

Shirley Wright 1 (5%)

Todd Smith 1 (5%)

Carissa Krane 2 (10%)

Dave Johnson 2 (10%)

Shawn Swavey 1 (5%)

Kathleen Scheltens 4 (20%)

10. Please rate the following areas by checking your response using the following scale: poor; fair; good; excellent.

Note – For comparison purposes, responses from the 2010 survey are listed below this year’s results.

	Very Satisfactory	Satisfactory	Unsatisfactory	Very Unsatisfactory	Mean
<b>Helpfulness of my MED/DEN advisor in academic planning.</b>					
2011	11 (52.4%)	5 (23.8%)	3 (14.3%)	2 (9.5%)	3.19
2010	8 (29.6%)	10 (37%)	5 (18.5%)	4 (14.8%)	2.78

<b>Helpfulness of my MED/DEN advisor in career/professional school planning.</b>					
2011	10 (47.6%)	1 (4.8%)	5 (23.8%)	5 (23.8%)	2.76
2010	9 (33.3%)	6 (22.2%)	6 (22.2%)	6 (22.2%)	2.67

<b>Helpfulness of my MED/DEN advisor in providing information and support.</b>					
2011	9 (42.9%)	4 (19%)	2 (9.5%)	6 (26.6%)	2.76
2010	9 (32.1%)	8 (28.5%)	6 (21.4%)	5 (17.8%)	2.71

Helpfulness of the Premedical Programs Office in providing information and support.

2011	14 (66.7%)	3 (14.3%)	3 (14.3%)	1 (4.8%)	3.43
2010	14 (50%)	5 (17.8%)	9 (32.1%)	0	3.32

12. During your undergraduate years, did you:

	YES	NO	
Job shadow in a med/dental setting?	18	3	85.7%
Volunteer in a med/dental setting?	18	3	85.7%
Study Abroad?	6	15	28.5%
Participate in international medical/dental service	5	16	23.8%

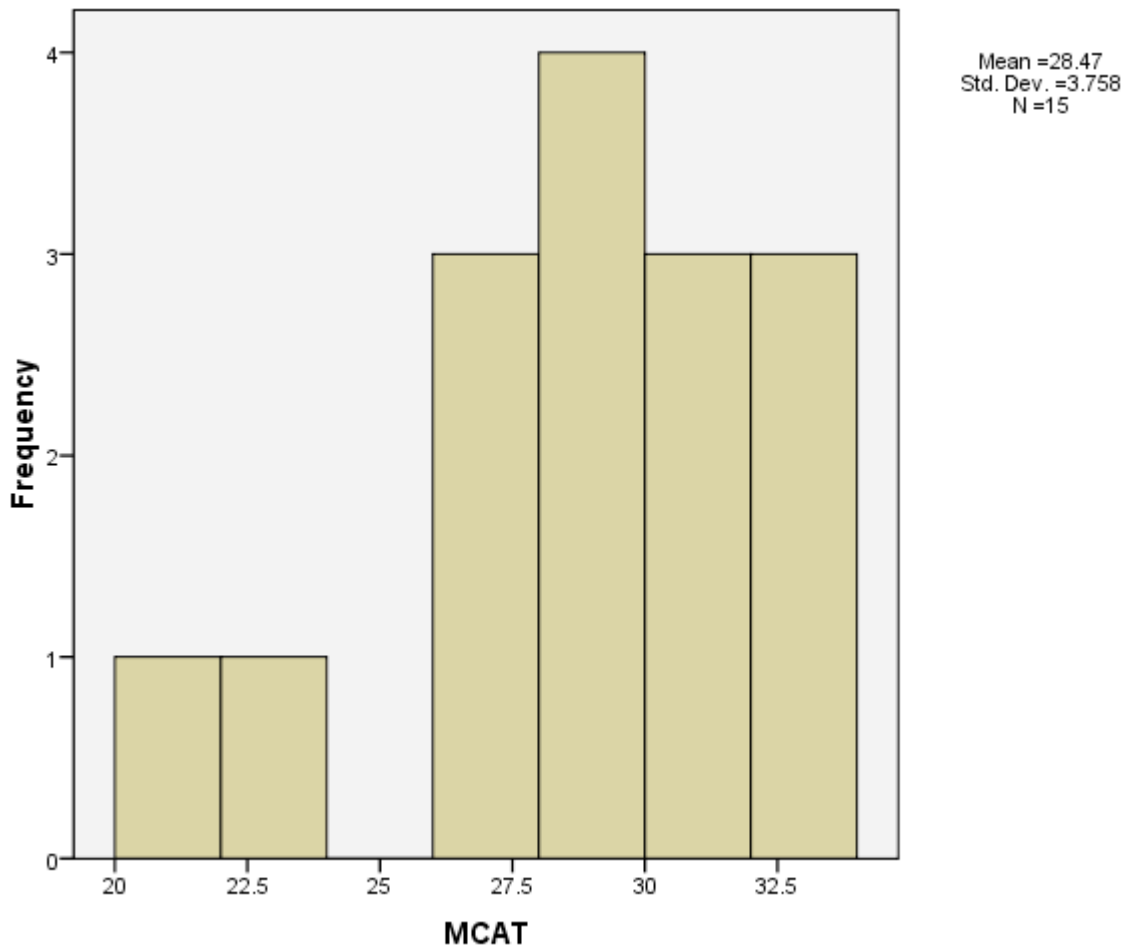
During your undergraduate years, did you:

Participate in research outside of a classroom assignment?	12	9	57%
Actively participate in a student organization or club?	21	0	100%

Serve in a leadership position in a student organization or club?	17	4	80.9%
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Participate in service learning/Community service?	24	3	89%
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12. If you took the MCAT, what was your cumulative score?

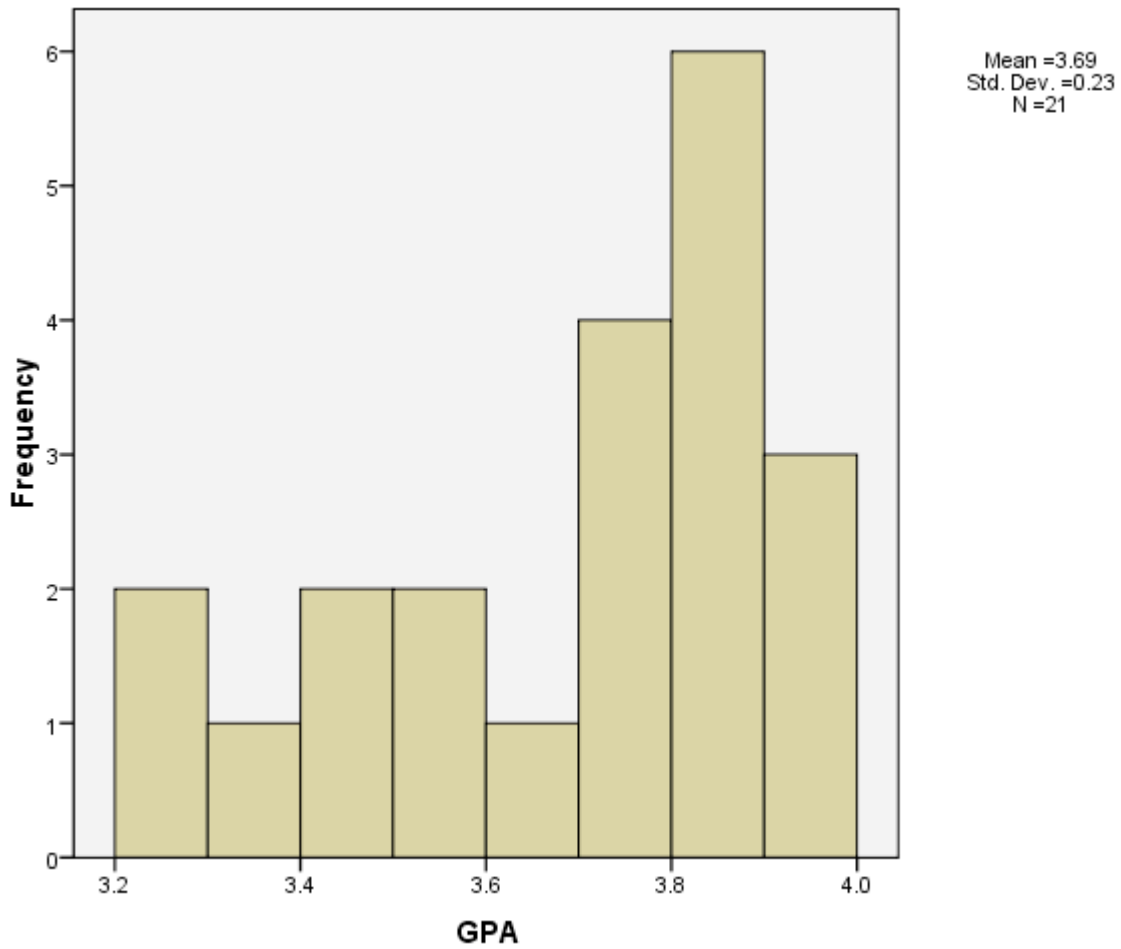


13. If you took the DAT, what was your cumulative score?

DAT

17	2
Missing	20
Mean	17.00
Minimum	17
Maximum	17

14. What is your cumulative GPA?



GPA	Frequency
3.2 – 3.4	3
3.41-3.6	4
3.61-3.8	4
3.81-3.9	3
3.91-4.0	2