# AACOMAS Matriculant Profile
2010 Entering Class

Following are summary tables of the 2010 matriculants based on the data entered into the AACOMAS portal and additional data, provided by the colleges. Matriculant data were matched to the applicant data supplied to AACOMAS during the application process and supplemented with socio-demographic data from the entering class survey. Of the 5,031 matriculants, almost all (5,004) submitted an application to AACOMAS. Only 27 matriculants have never submitted an AACOMAS application and these were generally applicants who applied directly from other programs at the COM. Of the 5,004 matriculants who submitted an application through AACOMAS, 327 applied in earlier years; two matriculants applied in 2007, 12 matriculants applied in 2008, and 313 matriculants applied in 2009. Eight matriculants applied early in the 2011 application cycle and matriculated into the entering class of 2010, and the remaining 4,669 applied in 2010.

The University of North Texas Health Sciences Center College of Osteopathic Medicine matriculants are not included in this analysis because the data are not part of the AACOMAS database.

The mean number of applications per matriculant is 8.39.

Matriculants and College Designations 2010

*Based on total completed applications
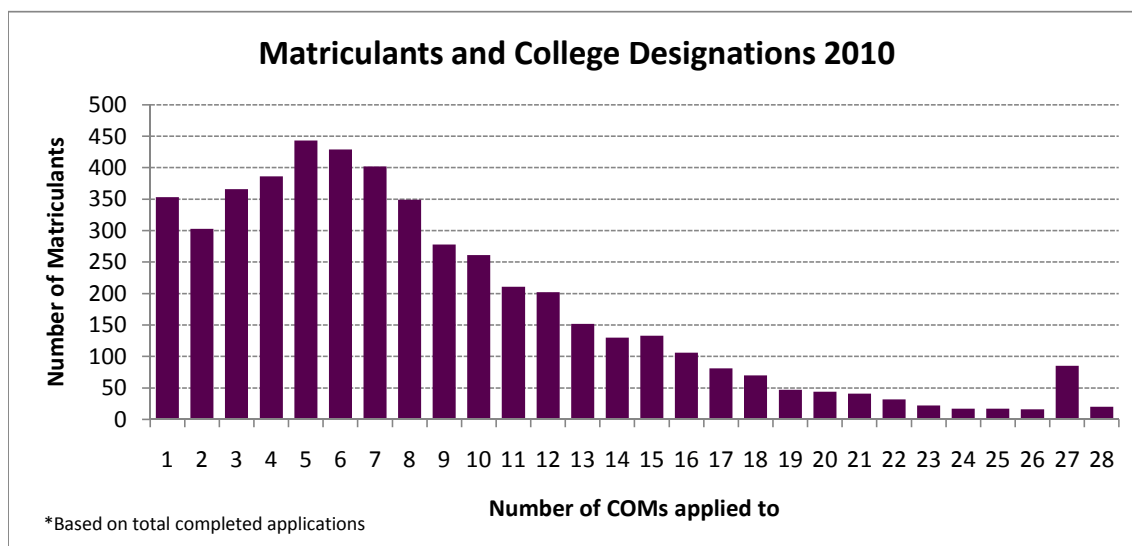
Fifty four percent of matriculants in 2010 were male and 46 percent female.

Gender	Number	Percent
Female	2,313	46%
Male	2,718	54%
Total	5,031	

The race and ethnicity questions on the AACOMAS application follow the current U.S. Census lead and ask applicants to mark all that apply. Any applicant who marks Hispanic is counted as being of Hispanic/Latino ethnicity, regardless of any other selections he/she may make. "Multiple Races" and "Unknown" do not describe selectable categories, but are respondent behavior. Temporary residents and non-U.S. citizens are excluded from race and ethnicity calculations and are counted in the Foreign category. Although applicants are allowed to select multiple race/ethnicities, the following tables, titled One Race Response, have, by creating the category Multiple Races, allowed for each matriculant to be allocated to only one category. The table titled Multiple Category Response is a count of the number of race/ethnicity selections made by the matriculants, and for this reason there is no significance to the sum of the race categories in this table.

Race and Ethnicity (One Race Response)		
Race/Ethnicity	Number	Percent
White, non-Hispanic	3,406	68.9%
Hispanic/Latino	193	3.9%
African American, non-Hispanic	121	2.4%
Native American, non-Hispanic	11	0.2%
Pacific Islander, non-Hispanic	1	0.0%
Asian, non-Hispanic	1,015	20.5%
Multiple Races, non-Hispanic	165	3.3%
Foreign	32	0.6%
Unknown	87	
Total	5,031	
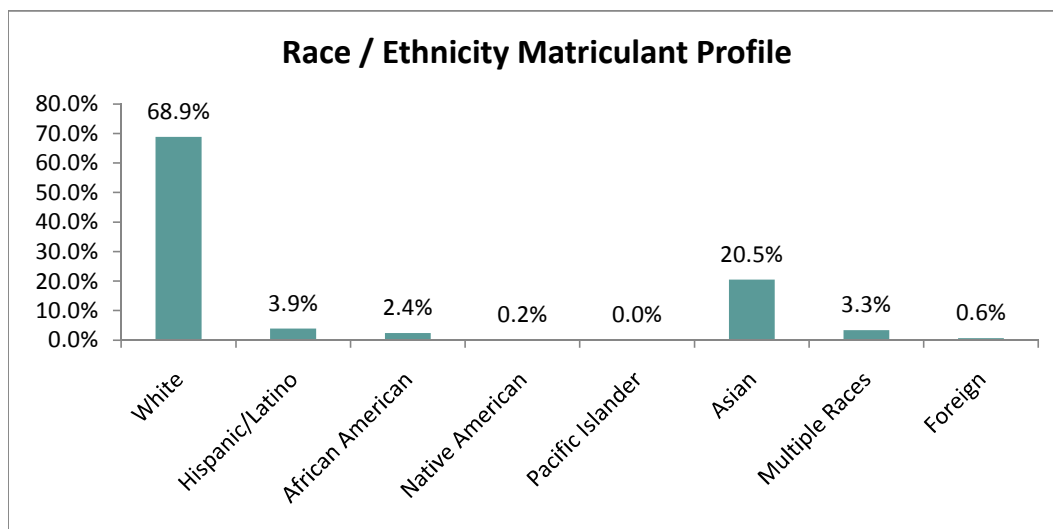
Race and Ethnicity (One Race Response) by Gender

Number of Matriculants	Female	Male	Total
White, non-Hispanic	1,505	1,901	3,406
Hispanic/Latino	94	99	193
African American, non-Hispanic	85	36	121
Native American, non-Hispanic	5	6	11
Pacific Islander, non-Hispanic	0	1	1
Asian, non-Hispanic	490	525	1,015
Multiple Races, non-Hispanic	81	84	165
Foreign	12	20	32
Unknown	41	46	87
Total	2,313	2,718	5,031

Race and Ethnicity (One Race Response) by Gender

Percent of Total Matriculants	Female	Male	Total
White, non-Hispanic	30.4%	38.5%	68.9%
Hispanic/Latino	1.9%	2.0%	3.9%
African American, non-Hispanic	1.7%	0.7%	2.4%
Native American, non-Hispanic	0.1%	0.1%	0.2%
Pacific Islander, non-Hispanic	0.0%	0.0%	0.0%
Asian, non-Hispanic	9.9%	10.6%	20.5%
Multiple Races, non-Hispanic	1.6%	1.7%	3.3%
Foreign	0.2%	0.4%	0.6%
Total	46.0%	54.0%	

Note: Percentage calculations do not include matriculants with unidentified gender or unknown race/ethnicity.

Race / Ethnicity Matriculant Profile by Gender
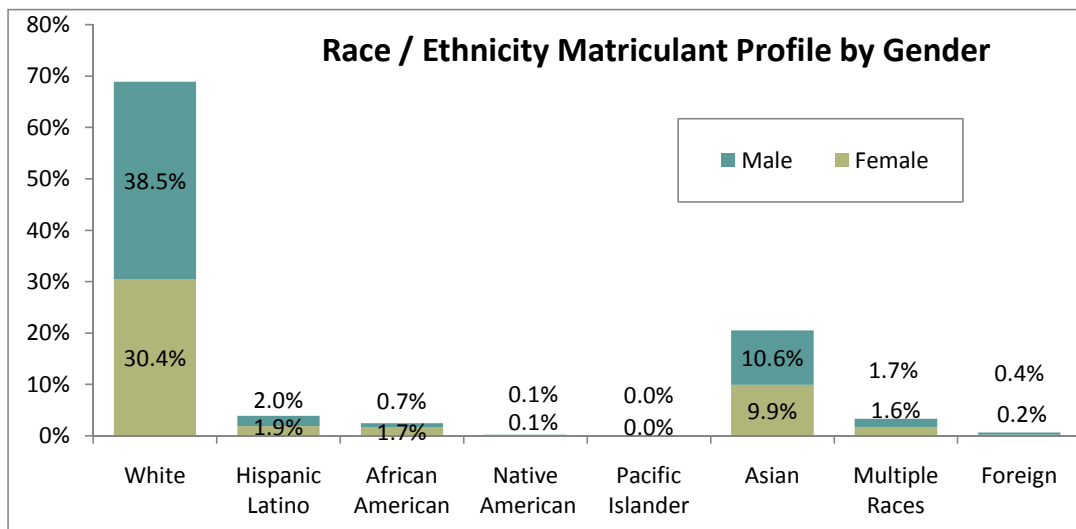
Race /Ethnicity (Multiple Category Response)	
Race/Ethnicity	**Number**
White, non-Hispanic	3,661
Hispanic/Latino	193
African American, non-Hispanic	153
Native American, non-Hispanic	50
Pacific Islander, non-Hispanic	14
Asian, non-Hispanic	1,144
Foreign	32
Unduplicated Total	5,031

Unduplicated Underrepresented Minorites --- 395 matriculants --- 8 percent.
Underrepresented minorities includes matriculants of Hispanic/Latino ethnicity, African American, Native American and Pacific Islander race.

Age	**Number**	**Percent**
20 and younger	25	0.5%
21 - 25	3,792	75.4%
26 - 30	937	18.6%
31 - 40	236	4.7%
41 - 50	37	0.7%
51 and older	4	0.1%
Total	5,031	

Note: Age as of July 1, 2010.

Minimum age	19 years
Maximum age	56 years

Mean matriculant age --- 24.6 years.
Median matriculant age --- 24 years.

More than one in three matriculants have a family member who is a DO or MD.

Family Member is a DO or MD	**Number**	**Percent**
Yes	1,745	35%
No	3,267	65%
Total	5,012	

More than three out of four matriculants have a parent or guardian with a college degree.

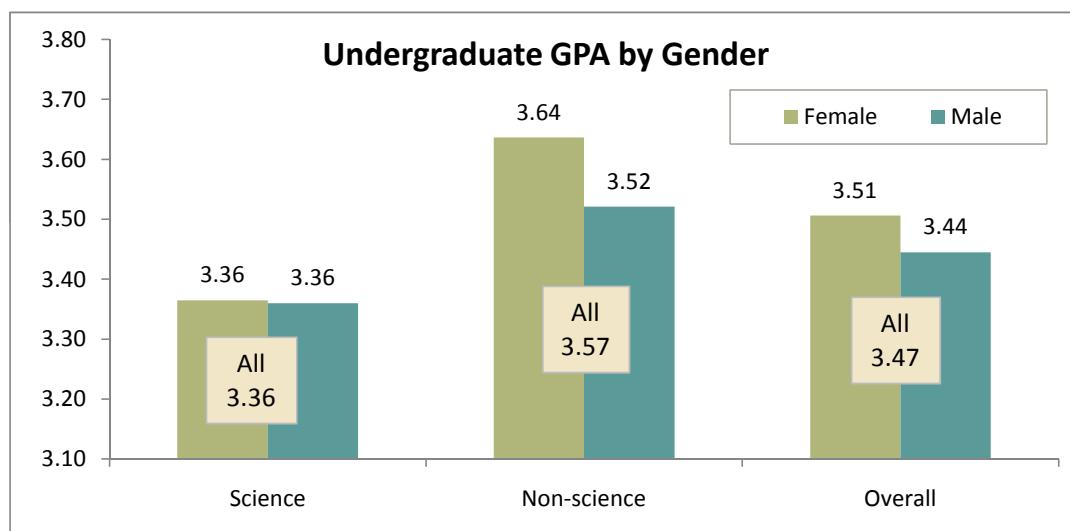| **Parents College Education**	**Number**	**Percent**
Yes	3,769	76%
No	1,218	24%
Total	4,987	

AACOMAS may calculate up to three sets of GPAs for each applicant - undergraduate only, undergraduate and post-baccalaureate, and all coursework - although in many cases there is no difference among them. We have provided means and standard deviations for both the science and non-science GPAs, as well as the overall GPA. The data have been broken down by gender and by race and ethnicty, but are provided only for cells in which there are at least five matriculants.

GPAs were calculated on data from 4,978 sets of data.

GPA	Science	Non-science	Overall
Mean 4 year FR - SR	3.36	3.57	3.47
SD	0.37	0.30	0.29
Mean Undergrad FR-SR, PB	3.40	3.58	3.49
SD	0.32	0.29	0.27
Mean All including graduate	3.41	3.58	3.49
SD	0.30	0.29	0.26

Undergraduate GPA by Gender	Science	Non-science	Overall
Mean - Female	3.36	3.64	3.51
SD - Female	0.36	0.27	0.28
Mean - Male	3.36	3.52	3.44
SD - Male	0.38	0.32	0.30

Undergraduate GPA by Gender

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Undergraduate GPA by Race	Science	Non-science	Overall
Mean - White, non-Hispanic	3.39	3.59	3.49
SD - White, non-Hispanic	0.36	0.30	0.29
Mean - Hispanic/Latino	3.29	3.48	3.38
SD - Hispanic/Latino	0.36	0.30	0.28
Mean - African American	3.08	3.43	3.26
SD - African American	0.42	0.37	0.35
Mean - Native American	3.10	3.59	3.35
SD - Native American	0.30	0.27	0.24
Mean - Asian	3.33	3.57	3.45
SD - Asian	0.39	0.30	0.29
Mean - Multiple Races	3.35	3.55	3.46
SD - Multiple Races	0.32	0.27	0.26
Mean - Foreign	3.46	3.60	3.54
SD - Foreign	0.37	0.31	0.28

AACOMAS received MCAT score data from 4,936 matriculants. In cases where we received more than one set of scores for a particular matriculant, we have included the set with the highest total score. We have provided the mean, standard deviation and median for each section of the MCAT, as well as the total MCAT score. The median MCAT scores are calculated over all the individual scores and therefore the median of the total is the median of all the individual total MCAT scores. We have provided a break down of the mean scores with standard deviations by gender and race/ethnicity for each of the MCAT sections for which there are at least five matriculants in an individual cell.

MCAT scores were calculated on data from 4,936 sets of scores.

MCAT Scores	Verbal	Biological Science	Physical Science	Total
Mean	8.69	9.27	8.51	26.48
SD	1.68	1.40	1.63	3.14
Median	9	9	8	26

Distribution of Writing Scores	Score	Number	Percent
	J	6	0.1%
	K	84	1.7%
	L	240	4.9%
	M	1,122	22.7%
	N	537	10.9%
	O	672	13.6%
	P	568	11.5%
	Q	1,037	21.0%
	R	468	9.5%
	S	183	3.7%
	T	15	0.3%
	X	4	

MCAT Scores by Gender	Verbal	Biological Science	Physical Science	Total
Mean - Female	8.70	9.05	8.11	25.87
SD - Female	1.65	1.38	1.51	2.99
Mean - Male	8.69	9.46	8.84	26.99
SD - Male	1.70	1.38	1.66	3.17

MCAT Scores by Gender

Female ■ Male ■

	Verbal	Biological Science	Physical Science
Female	8.70	9.05	8.11
Male	8.69	9.46	8.84
All	8.69	9.27	8.51
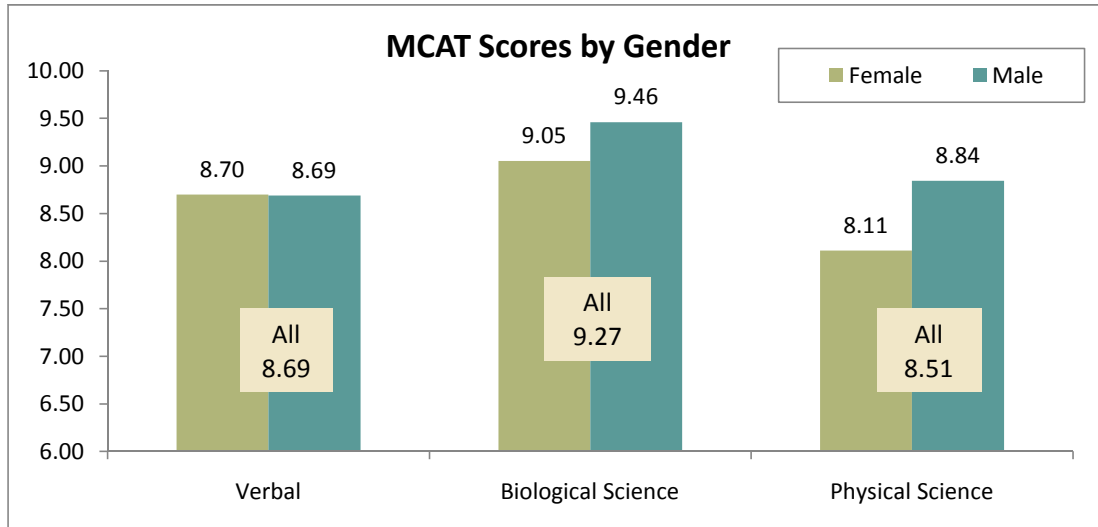
MCAT Scores by Race/Ethnicity	Verbal	Biological Science	Physical Science	Total
Mean - White, non-Hispanic	8.86	9.25	8.37	26.48
SD - White, non-Hispanic	1.60	1.39	1.57	3.06
Mean - Hispanic/Latino	8.43	8.86	8.15	25.44
SD - Hispanic/Latino	1.70	1.52	1.68	3.30
Mean - African American	7.37	8.06	7.25	22.77
SD - African American	1.83	1.36	1.31	2.91
Mean - Native American	8.67	8.78	8.33	25.78
SD - Native American	1.66	1.72	1.66	4.18
Mean - Asian	8.35	9.55	9.14	27.04
SD - Asian	1.76	1.30	1.69	3.12
Mean - Multiple Races	8.67	9.16	8.49	26.33
SD - Multiple Races	1.83	1.36	1.58	3.08
Mean - Foreign	7.90	9.61	9.32	26.84
SD - Foreign	1.68	0.99	1.45	2.61

Research questions - For the first time, at the end of the application, applicants were given the choice of answering some optional research questions. Note that these questions were answered before the end of medical school application cycles.

	Matriculants Marking Yes	Response Rate
In the current application year I have/am planning to apply to a US MD granting medical school	58%	
In the current application year I have/am planning to apply to an offshore MD granting medical school	9%	80%
I have applied to a US MD granting medical school in a prior application year	22%	
I have applied to an offshore MD granting medical school in a prior application year	2%	
If you were deciding on a medical specialty today, would you specialize in one of the primary care specialties: internal medicine, family medicine or pediatric medicine?	82%	77%
In your preparation for the MCAT, did you make use of any of the commercial MCAT test-preparation services?	80%	78%

Baccalaureate major – We have grouped all majors that were reported as part of a baccalaureate degree into five groups: Life Sciences, Social Sciences (incl. Psychology & Education), Physical Sciences (incl. Mathematics & Engineering), Arts & Humanities and Other. The number of majors may be greater than the number of matriculants, as students can complete more than one baccalaureate degree and may earn a double major.

Baccalaureate Degree Major	Number	Percent
Life Sciences	4,007	66%
Social Sciences	599	10%
Physical Sciences	498	8%
Arts & Humanties	448	7%
Other	561	9%

Listed are the top 20 undergraduate degree-granting feeder colleges providing the largest number of matriculants.

Institution Name	City	Matriculants
Michigan State University	East Lansing, MI	158
University of Michigan-Ann Arbor	Ann Arbor, MI	85
University of Florida	Gainesville, FL	79
Brigham Young University	Provo, UT	76
University of California-Los Angeles	Los Angeles, CA	71
University of California-San Diego	La Jolla, CA	70
Penn State University Park	University Park, PA	61
University of California-Davis	Davis, CA	56
University of California-Irvine	Irvine, CA	53
University of California-Berkeley	Berkeley, CA	52
University of South Florida	Tampa, FL	50
Rutgers, New Brunswick Campus	New Brunswick, NJ	45
State University of New York at Stony Brook	Stony Brook, NY	45
Arizona State University Main	Tempe, AZ	42
Virginia Polytechnic Institute and State University	Blacksburg, VA	42
University of Wisconsin-Madison	Madison, WI	41
Ohio State University - Columbus	Columbus, OH	40
University of Illinois at Urbana-Champaign	Champaign, IL	40
Loyola University of Chicago	Chicago, IL	38
University of Colorado at Boulder	Boulder, CO	38

Only 0.6 percent of matriculants are not U.S. citizens or permanent residents of the United States.

Citizenship	Number	Percent
U.S. Citizen	4,855	96.5%
Temporary Resident	17	0.3%
Permanent Resident	142	2.8%
Non Citizen	15	0.3%
Total	5,029	

The permanent country data piece is collected separately from citizenship data.

Permanent Country	Number
Canada	10
India	2
South Africa	1
Swaziland	1
United States	5,014
Vietnam	1
Total	5,029

US States and Territories	Number	Percent of US Matriculants
Alabama	12	0.2%
Alaska	45	0.9%
Arkansas	14	0.3%
Arizona	88	1.8%
California	518	10.3%
Colorado	137	2.7%
Connecticut	45	0.9%
Delaware	4	0.1%
District of Columbia	14	0.3%
Florida	313	6.2%
Georgia	85	1.7%
Hawaii	14	0.3%
Iowa	71	1.4%
Idaho	36	0.7%
Illinois	224	4.5%
Indiana	74	1.5%
Kansas	56	1.1%
Kentucky	75	1.5%
Louisiana	23	0.5%
Massachusetts	74	1.5%
Maryland	61	1.2%
Maine	34	0.7%
Michigan	390	7.8%
Minnesota	94	1.9%
Missouri	131	2.6%
Mississippi	51	1.0%
Montana	15	0.3%
North Carolina	63	1.3%
North Dakota	6	0.1%
Nebraska	26	0.5%
New Hampshire	10	0.2%
New Jersey	258	5.1%
New Mexico	8	0.2%
Nevada	36	0.7%
New York	440	8.8%
Ohio	230	4.6%
Oklahoma	93	1.9%
Oregon	55	1.1%
Pennsylvania	342	6.8%
Puerto Rico	1	0.0%
Rhode Island	19	0.4%
South Carolina	24	0.5%
South Dakota	7	0.1%
Tennessee	89	1.8%
Texas	96	1.9%
Utah	126	2.5%
Virginia	144	2.9%
Virgin Islands	1	0.0%
Vermont	4	0.1%
Washington	102	2.0%
Wisconsin	92	1.8%
West Virginia	41	0.8%
WyomIng	3	0.1%
Total US matriculants	5,014	

USA Matriculant Profile 2010-11

102 WA

15 MT

6 ND

94 MN

10 NH

4 VT

34 ME

55 OR

36 ID

3 WY

7 SD

92 WI

390 MI

440 NY

74 MA

19 RI

45 CT

518 CA

36 NV

126 UT

137 CO

26 NE

71 IA

224 IL

74 IN

230 OH

342 PA

258 NJ

14 DE

4 DC

61 MD

88 AZ

8 NM

93 OK

56 KS

131 MO

75 KY

41 WV

144 VA

89 TN

63 NC

24 SC

14 AR

51 MS

45 AL

85 GA

96 TX

23 LA

313 FL

12 AK

14 HI

1 PR