**8.1 [CR]**

**McGovern Medical School**

*M.D. Program*

The M.D. program uses comprehensive measures and processes to evaluate student achievement. These include student performance on United States Medical Licensure Examinations (USMLE) Step I, Step II Clinical Knowledge and Step II Clinical Skills; student advancement and graduation rates; National Residency Matching Program (NRMP) results; and an assessment of graduate performance during their first‐year of residency. All of these measures directly reflect the school’s mission.

Each year, MMS reports USMLE results for students and alumni. The criteria for success that were established are that 96% of students will pass USMLE Step I on the first attempt, 98 percent of students will pass USMLE Step II Clinical Knowledge on the first attempt, and 98% of students will pass USMLE Step II Clinical Skills on the first attempt. Step II Clinical Skills has been discontinued starting in 2020. The criteria for success has remained since 2013 for a steady comparison from the previous curriculum and the new curriculum which began with the entering class in 2016The last five years’ pass rates on the first attempt are detailed below. UTHealth considers the success of medical students on the licensure exam to be a vital indicator of student achievement. USMLE data from 2016‐ 2020 is presented in Table 8.1.47.

**Table 8.1.47.** McGovern Medical School Licensure Pass Rate (%)

**Compared to the National Pass Rate for First Time Takers of the Exam 2013‐2019**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Measure** |  |  |  | **2016** | **2017** | **2018** | **2019** | **2020** |
| Step 1  MMS/National Average |  |  |  | 96/96 | 96/96 | 97/96 | 99/97 | 99/97 |
| Step 2 Clinical Knowledge  MMS/National Average |  |  |  | 95/96 | 97/96 | 98/97 | 97/98 | 98/98 |
| Step 2 Clinical Skills  MMS/National Average |  |  |  | 97/97 | 94/96 | 95/95 | 94/95 | NA |

Each year, MMS students graduate having earned the medical degree (MD). After examining national and MMS trends, the faculty of the medical school, presented by the Continuous Accreditation Review and Quality Improvement Subcommittee (CARQI) and approved by the Curriculum Committee, have determined the threshold for this outcome to have a graduation rate of M.D.-only in four years to be at or greater than 84% and the achievement goal for this outcome to have a graduation rate of M.D.-only in four years to be at or greater than 87%. Nationally, statistics from the Association of American Medical Colleges (AAMC) show the national average for the four-year graduation rate between matriculation year 1994-1995 through matriculation year 2013-2014 had a range of 81.6%-84.1% [**6**]. MMS measures the four-year rate of the M.D. program. Table 8.1.48 below demonstrates the graduation data for the MMS M.D. program.

**Table 8.1.48.** McGovern Medical School Graduation

Disaggregated by Race/Ethnicity and Gender, Graduation Years 2015-2021

**2015 Graduates**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Ethnicity** | **Total M.D. Only Admitted EY 2011** | **4-Year Graduates** | **4-Year %** |
| African American | 17 | 12 | 70.6% |
| Pacific Islander | 1 |  |  |
| Asian | 21 | 17 | 81.0% |
| Hispanic | 34 | 27 | 79.4% |
| Multiple | 3 | 3 | 100.0% |
| Unreported | 18 | 17 | 94.4% |
| White/Caucasian | 139 | 121 | 87.1% |
|  |  |  |  |
| Total Females | 105 (45.06%) |  |  |
| Total Males | 128 (54.94%) |  |  |

**2016 Graduates**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Ethnicity** | **Total M.D. Only Admitted EY 2012** | **4-Year Graduates** | **4-Year %** |
| African American | 16 | 13 | 81.3% |
| Asian | 43 | 38 | 88.4% |
| Hispanic | 34 | 30 | 88.2% |
| Multiple | 3 | 2 | 66.7% |
| Unreported | 13 | 12 | 92.3% |
| White/Caucasian | 127 | 111 | 87.4% |
|  |  |  |  |
| Total Females | 89 (37.9%) |  |  |
| Total Males | 146 (62.1%) |  |  |

**2017 Graduates**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Ethincity** | **Total M.D. Only Admitted EY 2013** | **4-Year Graduates** | **4-Year %** |
| African American | 13 | 9 | 69.2% |
| Asian | 46 | 38 | 82.6% |
| Hispanic | 29 | 26 | 89.7% |
| Multiple | 8 | 7 | 87.5% |
| Unreported | 9 | 7 | 77.8% |
| White/Caucasian | 127 | 116 | 91.3% |
|  |  |  |  |
| Total Females | 104 (44.8%) |  |  |
| Total Males | 128 (55.2%) |  |  |

**2018 Graduates**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Ethnicity** | **Total M.D. Only Admitted EY 2014** | **4-Year Graduates** | **4-Year %** |
| African American | 16 | 9 | 56.5% |
| American Indian | 1 |  |  |
| Asian | 45 | 37 | 82.2% |
| Hispanic | 45 | 38 | 84.4% |
| Multiple | 9 | 9 | 100.0% |
| Unreported | 7 | 4 | 57.1% |
| White/Caucasian | 109 | 90 | 82.6% |

|  |  |  |  |
| --- | --- | --- | --- |
| Total Females | 109 (46.98%) |  |  |
| Total Males | 123 (53.01%) |  |  |

**2019 Graduates**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Ethnicity** | **Total M.D. Only Admitted EY 2015** | **4-Year Graduates** | **4-Year %** |
| African American | 11 | 10 | 90.9% |
| Asian | 70 | 66 | 94.3% |
| Hispanic | 24 | 22 | 91.7% |
| Multiple | 6 | 6 | 100.0% |
| Unreported | 10 | 7 | 70.0% |
| White/Caucasian | 108 | 103 | 95.7% |
|  |  |  |  |
| Total Females | 99 (43.2%) |  |  |
| Total Males | 130 (56.7%) |  |  |

**2020 Graduates**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Ethnicity** | **Total M.D. Only Admitted EY 2016** | **4-Year Graduates** | **4-Year %** |
| African American | 17 | 17 | 100% |
| Asian | 55 | 47 | 85.5% |
| American Indian | 2 | 1 | 50% |
| Hispanic | 40 | 34 | 85.0% |
| Multiple | 6 | 5 | 83.3% |
| Unreported | 13 | 13 | 100% |
| White/Caucasian | 102 | 96 | 94.1% |
|  |  |  |  |
| Total Females | 124 (52.8%) |  |  |
| Total Males | 111 (47.2%) |  |  |

**2021 Graduates**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Ethnicity** | **Total M.D. Only Admitted EY 2017** | **4-Year Graduates** | **4-Year %** |
| African American | 15 | 13 | 86.7% |
| Asian | 39 | 33 | 84.6% |
| American Indian | 1 | 1 | 100% |
| Hispanic | 47 | 42 | 89.4% |
| Multiple | 6 | 6 | 100% |
| Unreported | 10 | 9 | 90% |
| White/Caucasian | 118 | 113 | 95.8% |
|  |  |  |  |
| Total Females | 124 (52.5%) |  |  |
| Total Males | 112 (47.5%) |  |  |

MMS graduating medical students are matched into residency programs via the National Residency Matching Program (NRMP). After examining national and MMS trends, the faculty of the medical school, presented by the Continuous Accreditation Review and Quality Improvement Subcommittee (CARQI) and approved by the Curriculum Committee, have determined the threshold for this outcome to be a match rate of 94% and the achievement goal for this outcome to be a match rate to be 96% Table 8.1.49 below demonstrates the match rate for MMS and nationally as reported by NRMP. Of MMS students participating in the 2021 National Residency Match, 98% percent matched to residency programs and only three students remained unmatched to a program by the end of the SOAP process.

**Table 8.1.49.** Percentage of McGovern Medical School Graduates/U.S. Allopathic Seniors

**Matching in National Residency Match, 2013‐2021**

|  |  |  |
| --- | --- | --- |
| **Year** | **MMS** | **US** |
| 2013 | 91% | 93.7% |
| 2014 | 93% | 94.4% |
| 2015 | 96% | 93.9% |
| 2016 | 98% | 93.8% |
| 2017 | 96% | 94.3% |
| 2018 | 98% | 94.3% |
| 2019 | 98% | 93.9% |
| 2020 | 99% | 93.7% |
| 2021 | 98% | 92.8% |

The Office of Educational Programs sends an annual survey to residency program directors to assess the performance of all graduates as Postgraduate Year 1 residents (PG‐1). The faculty of the medical school, presented by the Continuous Accreditation Review and Quality Improvement Subcommittee (CARQI) and approved by the Curriculum Committee, have determined, PG-1 residents who graduated from MMS, compared to all other interns ever accepted into the program, to have a threshold of at least 50% in the Upper 1/3 and the achievement goal to be greater than 55% in the upper 1/3. For the 2020 graduates, respondents of the survey reported PG-1 residents who graduated from MMS, compared to all other interns ever accepted into the program, were in the Upper 1/3 at 60.91% and Middle 1/3 at 36.04% in terms of knowledge, skill, and attitudes.

**Table 8.1.50.** Program Director Survey of PG-1 Residents**,** 2016-2019

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **2016** | **2017** | **2018** | **2019** | **2020** |
| Upper 1/3 | Upper 1/3 | Upper 1/3 | Upper 1/3 | Upper 1/3 |
| 50.65% | 51.69% | 52.03% | 50.52% | 60.91% |