

## Supplemental Digital Appendix 1

### Medical Students Inducted into the Alpha Omega Alpha Honor Medical Society, by Gender and Race, in a Study of Racial and Gender Disparities in Medical School Honor Society Induction, 2014-2016

Characteristic		Not inducted, no. (%)	Inducted, no. (%)	Total, no.
<b>Gender</b>	Male	4,748 (55.6)	1,307 (55.4)	6,055
	Female	3,788 (44.4)	1,051 (44.6)	4,839
	Total	8,536	2,358	10,894
<b>Race</b>	Black	716 (8.4)	53 (2.2)	769
	Non-Black	7,820 (91.6)	2,305 (97.8)	10,125
	Total	8,536	2,358	10,894

## Supplemental Digital Appendix 2

### Characteristics of Medical Students Inducted into the Alpha Omega Alpha Honor Medical Society, in Gender-Matched and Race-Matched Samples, in a Study of Racial and Gender Disparities in Medical School Honor Society Induction, 2014-2016

Gender-matched sample	AOA	Non-AOA
Total, no.	1,072	2,437
Female, no. (%)	500 (46.6)	1,165 (47.8)
Black, no. (%) <sup>†</sup>	25 (2.3)	235 (9.6)
U.S. citizen, no. (%) <sup>†</sup>	1,054 (98.3)	2,349 (96.4)
Training interruption, no. (%) <sup>†</sup>	128 (11.9)	458 (18.8)
Age, mean <sup>†</sup>	26.1	26.7
USMLE Step 1 score, mean <sup>†</sup>	251.8	230.0
Leadership hours, mean	139.1	178.3
Community service hours, mean*	510.5	598.8
Total journal articles, mean*	1.8	1.5
Total first-authored articles, mean <sup>†</sup>	0.5	0.4
Race-matched sample	AOA	Non-AOA
Female, no. (%)	45 (46.9)	235 (47.2)
Black, no. (%)	12 (12.5)	96 (19.3)
U.S. citizen, no. (%)	93 (96.9)	488 (98.0)
Training interruption, no. (%) <sup>*</sup>	13 (13.5)	126 (25.3)
Age, mean <sup>†</sup>	26.0	26.9
USMLE Step 1 score, mean <sup>†</sup>	249.1	225.0
Leadership hours, mean	122.3	181.4
Community service hours, mean	657.6	796.6
Total journal articles, mean	1.7	1.6
Total first-authored articles, mean	0.4	0.4

Abbreviations: AOA indicates Alpha Omega Alpha Honor Medical Society; and USMLE, United States Medical Licensing Examination.

\* $P < .05$ .

<sup>†</sup> $P < .01$ .

<sup>‡</sup> $P < .001$ .

### Supplemental Digital Appendix 3

#### Medical Students Inducted into the Gold Humanism Honor Society, by Gender and Race, in a Study of Racial and Gender Disparities in Medical School Honor Society Induction, 2014-2016

Characteristic		Not inducted, no. (%)	Inducted, no. (%)	Total, no.
<b>Gender</b>	Male	5,398 (56.6)	660 (47.1)	6,058
	Female	4,147 (43.4)	740 (52.9)	4,887
	Total	9,545	1,400	10,945
<b>Race</b>	Black	671 (7.0)	99 (7.1)	770
	Non-Black	8,874 (93.0)	1,301 (92.9)	10,175
	Total	9,545	1,400	10,945

## Supplemental Digital Appendix 4

### Characteristics of Medical Students Inducted into the Gold Humanism Honor Society, in Gender-Matched and Race-Matched Samples, in a Study of Racial and Gender Disparities in Medical School Honor Society Induction, 2014-2016

Gender-matched sample	GHHS	Non-GHHS
Total, no.	489	2,650
Female, no. (%) <sup>†</sup>	277 (56.6)	1,208 (45.6)
Black, no. (%)	35 (7.2)	203 (7.7)
U.S. citizen, no. (%)	480 (98.2)	2,568 (96.9)
Training interruption, no. (%) <sup>†</sup>	50 (10.2)	461 (17.4)
Age, mean	26.5	26.6
USMLE Step 1 score, mean <sup>†</sup>	240.1	235.4
Leadership hours, mean	174.4	155.6
Community service hours, mean	644.6	590.1
Total journal articles, mean*	1.2	1.6
Total first-authored articles, mean*	0.3	0.4
Race-matched sample	GHHS	Non-GHHS
Female, no. (%)	62 (50.4)	317 (43.7)
Black, no. (%) <sup>*</sup>	36 (29.3)	154 (21.2)
U.S. citizen, no. (%)	120 (97.6)	699 (96.3)
Training interruption, no. (%) <sup>*</sup>	17 (13.8)	176 (24.2)
Age, mean	26.8	27.0
USMLE Step 1 score, mean	226.4	223.9
Leadership hours, mean	160.1	145.3
Community service hours, mean	619.3	578.0
Total journal articles, mean	1.1	1.5
Total first-authored articles, mean	0.2	0.4

Abbreviations: GHHS indicates Gold Humanism Honor Society; and USMLE, United States Medical Licensing Examination.

\* $P < .05$ .

<sup>†</sup> $P < .01$ .

<sup>‡</sup> $P < .001$ .