

The financial impact of MD-PhD training compared with MD training for academic physicians

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Supplementary Table 1. Lifetime Net Present Values (NPV) for MD and MD-PhD physicians across adult medical, adult surgical, and pediatric medical specialties with a discount rate of five percent. Data are presented as medians (interquartile range).

Specialty	MD Pathway	MD-PhD Pathway	Difference
Adult Medical	\$3,148,124 (979,585)	\$2,842,919 (760,010)	\$305,204 (228,168)
Adult Surgical	\$4,858,491 (1,619,405)	\$4,157,079 (1,238,258)	\$701,413 (380,846)
Pediatric Medical	\$2,429,077 (445,204)	\$2,265,142 (354,872)	\$163,935 (90,332)
Overall	\$3,051,880 (1,565,303)	\$2,774,139 (1,228,886)	\$277,741 (341,362)

Supplementary Table 2. Lifetime Net Present Values (NPV) for MD and MD-PhD physicians across adult medical, adult surgical, and pediatric medical specialties disaggregated by gender. Data are presented as median (interquartile range).

Specialty	MD Pathway	MD-PhD Pathway	Difference
Adult Medical - Men	\$5,938,690 (1,983,241)	\$5,520,659 (1,639,111)	\$418,031 (346,254)
Adult Medical - Women	\$5,473,327 (1,830,825)	\$5,140,648 (1,502,262)	\$332,679 (329,385)
Adult Surgical - Men	\$9,306,565 (3,548,342)	\$8,315,364 (2,918,950)	\$991,201 (624,058)
Adult Surgical - Women	\$8,031,395 (1,914,440)	\$7,247,272 (1,571,284)	\$784,123 (334,538)
Pediatric Medical - Men	\$4,719,248 (742,059)	\$4,453,144 (623,728)	\$258,033 (101,594)
Pediatric Medical - Women	\$4,357,800 (774,803)	\$4,206,616 (633,093)	\$182,953 (141,710)

Supplementary Table 3. Detailed results of the linear regression analyses shown in Figures 2-4.

Dependent Variable	Independent Variable	N	F-statistic	R-squared	Regression Coefficient	P-value	95% CI LB	95% CI UB
MD-PhD Residents per Specialty as Percent of all MD-PhD Residents	Lifetime NPV in 100,000's of Dollars	22	0.49	0.0238	-0.00036	0.493	-0.0014355	0.0007155
MD-PhD Residents per Specialty as Percent of all MD-PhD Residents	Percent of MD-PhD Physicians Reporting ≥50% Research Effort	22	4.79	0.1931	0.1254032	0.041	0.0058442	0.2449622
Percent of MD-PhD Physicians Reporting ≥50% Research Effort	Lifetime NPV in 100,000's of Dollars	22	14.1	0.4135	-0.0052592	0.001	-0.0081804	-0.002338