

INTRODUCTION

- While medical education across the United States and other countries shares common objectives, such as producing competent and compassionate physicians, the differences in admission process, duration and cost of training reflect the diverse educational systems and cultural contexts.
- Problems with current medical education? > Cost
 - > Duration
- > A shortage of physicians, especially in primary care

AIM

This comparative analysis of medical education in the United States, Europe and East Asia sheds light on the key similarities and differences in their respective systems and examines how the current U.S. medical education model can be improved.

MATERIALS & METHODS

- Compared the duration and cost of physician training in the United States to other developed countries including Germany, Australia, Canada, Japan, and United Kingdom.
- Matriculating Student Questionnaire (MSQ) from AAMC used to look at the age of matriculation, debt, and cost of application.

Physician Training: Too Long to Learn? Brian Kang, Walter J. Pories, MD; Spencer Cooke, Zach Miller

RESULTS



esidency - 5 years)	Core + Specialty Training (3 – 8 years)	Residency (2 - 6 years)	Residency (3 - 5 years)
ical School 4 years)	Foundational program (Year 1 + 2)	Medical	Medical School (3 years)
ergraduate 4 years)	Medical School (5 years)	(6 years): 2 preclinical years + 4 clinical years	Undergraduate (4 years)
luate Entry gram (GEP) U.S. Canada	(non-GEP) U.K.	(non-GEP) Germany Japan	(CAMPP) 3 year accelerated programs

Figure 2. Comparison of different models of education by age *Red line indicates Internal Medicine training completion and blue line indicates General Surgery training completion

Advantages and Disadvantages of Graduate Entry Model Cons

1 studios >	Longer Duration \rightarrow less
ity	primary care physicians)
on for studying	Higher Cost → majority of graduates are in debt
ern medical engage in	High cost of education and increasing specialization of workforce contributes to high cost of care in the US
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DISCUSSION

- The current approach is unsustainable
- efficient and affordable.

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ACKNOWLEDGEMENTS

- Program
- summer.

Brian Kang Department of Surgery East Carolina University Greenville, North Carolina 27858 kangb22@students.ecu.edu

• The countries with shorter duration of physician training has better health system performance than the countries that use GEM.

• In 2023, 31 U.S. medical schools are participating in 3 year accelerated medical education system (CAMPP) that shortens overall training duration by 1 year to make medical education more

• Consider experimental models in selected medical schools ➢ 6-year-programs after high school

Reconsider curricula in view of new methodologies

Competency rather than time-based advancement

 \succ Less focus on memorization, more on logic and use of computer resources

> Reduction of debt in rural, underserved areas

• The Brody School of Medicine, Summer Scholars Research

I would like to thank Dr. Brewer and SSRP staff for their support and guidance for this experience.

Special thanks to Dr. Pories and Department of Surgical Research at ECU for their guidance and mentorship this