

Supplemental Digital Appendix 1

The 45-Item Online Survey Completed by 51 Ghanaian Medical Students Who Participated in a University of Michigan Medical School Rotation between January 2008 and December 2010

I: Demographic and background information

1. Gender (male or female)
2. Current age (years)
3. Age at time of Michigan rotation (years)
4. Where do you currently work/study? (multiple choice)
 - a. Town/City
 - b. Region
 - c. Country (if other than Ghana)
5. Where do you currently live? (text)
 - a. Same as above?
 - b. Town/City
 - c. Region
 - d. Country (if other than Ghana)
6. How would you describe where you live now? (multiple choice)
 - a. Rural
 - b. Peri-urban
 - c. Urban
7. Where did you grow up (e.g., time before secondary school)? (text)
 - a. Town/City
 - b. Region
 - c. Country (if other than Ghana)
8. How would you describe the area you grew up in? (multiple choice)
 - a. Rural
 - b. Peri-urban
 - c. Urban

9. Please provide the approximate month and year during which you rotated at the University of Michigan (mm/yyyy).
10. How long was your rotation? (text)
 - a. Months
 - b. Weeks
11. Through which departments did you rotate? (multiple choice)
 - a. Obstetrics and Gynecology
 - b. Internal Medicine
 - c. Psychiatry
 - d. Family Medicine
 - e. Neurology
 - f. Surgery
 - g. Pediatrics
 - h. Emergency Medicine
 - i. Intensive Care Unit
 - j. Other (please specify)
12. What level of training did you complete prior to your Michigan rotation? (multiple choice)
 - a. First clinical year
 - b. Second clinical year
 - c. Third clinical year
 - d. House officer
 - e. Resident
 - f. Consultant
 - g. Specialist
 - h. Other (please specify)
13. Prior to your rotation at the University of Michigan, did you participate in any international electives or exchanges (outside Ghana)? (Select: yes or no)
 - a. If yes, where? In what context?
14. After participation in the University of Michigan rotation, did you participate in any other international electives or exchanges (outside Ghana)? (Select: yes or no)
 - a. If yes, where? In what context?
15. What is your current level of medical training? (multiple choice)

- a. Final year student
 - b. House officer
 - c. Resident
 - d. Consultant
 - e. Specialist
 - f. Other (please specify)
16. When did/will you graduate from medical school? (mm/yyyy)
17. What is your (intended) area of medicine? (e.g., internal medicine, OB/GYN, surgery, etc.) (text)

II: Students' clinical experience and perceptions about their University of Michigan rotation

18. During an average day, with approximately how many patients did you speak? (multiple choice)
- a. 0
 - b. 1-5
 - c. 6-10
 - d. 11-15
 - e. >15
19. During an average day, approximately how many patients did you examine (or participate in their examination)? (multiple choice)
- a. 0
 - b. 1-5
 - c. 6-10
 - d. 11-15
 - e. >15

Please rate to what degree you agree or disagree with the following statements with regards to your University of Michigan rotation (1 = disagree; 2 = somewhat disagree; 3 = neutral; 4 = somewhat agree; 5 = agree; 0 = not applicable).

During my rotation at the University of Michigan,

- 20. The learning objectives were clear to me.
- 21. I was able to observe patient care.
- 22. I was able to speak to patients.

23. I was able to review patient records (including labs and imaging studies).
24. I was asked by team leaders to render opinions regarding my interpretation of clinical material.
25. I was asked how diseases presented or were managed in my home country.
26. I was provided ample opportunities for social and cultural experiences.
27. I was able to examine patients.

As a result of my rotation at the University of Michigan,

28. My medical knowledge improved.
29. My competency at obtaining a patient history improved.
30. My competency at performing a physical exam improved.
31. My competency at interpreting clinical information improved.
32. I am more competent at seeking information from the medical literature.
33. My competency at evidence-based medicine improved.
34. My knowledge of medical care in the United States improved.
35. I gained valuable knowledge and/or skills that I can use in my future medical practice.
36. I feel better equipped to serve the people in my own community.
37. I feel more inclined to stay and work in my local community.
38. I am more inclined to pursue training opportunities outside of my home country.
39. I am more interested in pursuing a career outside of my home country.
40. I plan to take part/already took part in additional international exchanges or electives.

41. My University of Michigan experience changed my approach to patient care.
42. Participation in the University of Michigan rotation contributed to my personal growth and development.
43. The University of Michigan rotation was a valuable part of my medical training.
44. My University of Michigan rotation changed the way I was thinking about my career.
 - a. Please explain.
45. The University of Michigan experience was worth the money that I needed to provide in order to participate.