

Supplementary Online Content

Hauer KE, Durning SJ, Kernan WN, et al. Factors associated with medical students' career choices regarding internal medicine. *JAMA*. 2008;300(10):1154-1164.

eAppendix. National Survey of Factors Influencing Career Choice

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1. The specialty you are most likely to enter at this time is:							
Pull-down menu							
2. Since starting medical school, have you seriously considered another specialty other than the one you indicated in question #1?							
Yes							
No							
3. Which other specialties did you consider? (select up to three) First other specialty considered:							
Pull-down menu							
4. Second other specialty considered:							
Pull-down menu							
5. Third other specialty considered:							
Pull-down menu							
6. If you are NOT likely to enter INTERNAL medicine, have you ever seriously considered a career in: (please check all that apply)							
General internal medicine?							
Subspecialty medicine? (e.g., cardiology, pulmonology, endocrinology)							
Hospital medicine? (hospitalist caring for inpatients)							
None of the above							
Not applicable, I plan on entering internal medicine							
7. When did you make your specialty choice?							
Before medical school							
During the basic science years							
During the internal medicine clerkship							
During the core clerkship year (but not during the medicine clerkship)							
After the core clerkship year							
8. In which type of hospital did you do your core (usually 3rd year) inpatient internal medicine clerkship? (please check all that apply)							
University							
VA (Veteran's Administration)							
Public/county							
Community							
Military							
Other (please describe)							
9. Have you had an ambulatory or outpatient internal medicine clinical clerkship or preceptorship?							
Yes							
No							
Total							
10. Was ambulatory internal medicine part of the core internal medicine clerkship?							

Yes						
No						
11. In what types of settings were your ambulatory/outpatient internal medicine experiences? (please check all that apply)						
University						
VA (Veteran's Administration)						
Public/county						
Community Physicians' Offices						
Military						
Other (please describe)						
12. Did your ambulatory/outpatient internal medicine experiences make a career in internal medicine seem:						
Less attractive						
No influence						
More attractive						
13. Rate the degree to which you agree with the following statement: "I was satisfied with my core internal medicine clerkship."						
Strongly disagree						
Disagree						
Neither disagree nor agree						
Agree						
Strongly agree						
14. My core internal medicine clerkship made a potential career in outpatient general internal medicine seem:						
Less attractive						
No influence						
More attractive						
15. My core internal medicine clerkship made a potential career in subspecialty internal medicine seem:						
Less attractive						
No influence						
More attractive						
16. Rate the degree to which you agree with the following statement: "I was satisfied with my subinternship/acting internship in internal medicine."						
Strongly disagree						
Disagree						
Neither disagree nor agree						
Agree						
Strongly agree						
Not applicable, I haven't done a subinternship in medicine						
17. Have you ever attended an internal medicine interest group event at your medical school?						
Yes						
No						

18. Did internal medicine interest group events influence your career choice?						
The interest group made me less likely to choose internal medicine						
No influence on my career choice						
The interest group made me more likely to choose internal medicine						
19. Compared to the other specialty(s) you have chosen or considered:						
	Much less	Somewhat less	The same	Somewhat more	Much more	Don't know/No opinion
The free time away from work an internist has is						
The level of satisfaction among internal medicine residents is						
The likelihood of having the kind of family life I want as an internist is						
The likelihood that an internist can positively influence patients' lives is						
The effort internal medicine residents and attendings invested in recruiting me to IM was						
The breadth of knowledge needed by an internist is						
Opportunities to do research in internal medicine are						
The paperwork in internal medicine is						
20. Compared to the other specialty(s) you have chosen or considered:						
	Much less	Somewhat less	The same	Somewhat more	Much more	Don't know/No opinion
The time an internist spends thinking about patients outside of work is						
An internist's ability to spend enough time with his/her patients is						
The frequency with which internists work too hard while at their jobs is						
The degree of stress among internal medicine residents is						
The income potential in internal medicine is						
The opportunities to feel competent in what I do in internal medicine are						
The ease of getting into an internal medicine residency is						
The time an internist spends on reimbursement and insurance issues is						
21. Compared to the other specialty(s) you have chosen or considered:						
	Much less	Somewhat less	The same	Somewhat more	Much more	Don't know/No opinion
The control an internist has over his/her schedule is						
An internist's ability to have meaningful relationships with patients is						
The workload during internal medicine residency is						
The enthusiasm internists have shown for mentoring medical students is						
The intellectual challenge in internal medicine is						
The satisfaction among practicing						

internists/attendings is						
The prestige of internal medicine at my medical school is						
The likelihood an internist will be sued is						
22. Please indicate how much each of the following factors pushed you away from or attracted you toward a career in internal medicine (IM).						
	Very pushed away	Somewhat pushed away	No influence	Somewhat attracted toward	Very attracted toward	
The free time away from work I would have as an internist						
The appeal of being a primary care physician						
My feelings about taking care of elderly patients						
The time and workload demands of an IM career						
The efforts internists made to recruit me to choose a career in IM						
How internists role model a satisfying family life						
The intellectual challenge of IM						
The ease of getting into IM residency						
23. Please indicate how much each of the following factors pushed you away from or attracted you toward a career in internal medicine (IM).						
	Very pushed away	Somewhat pushed away	No influence	Somewhat attracted toward	Very attracted toward	
Opportunities for part time work in IM						
The type of patients an internist sees						
My feelings about treating terminally ill, dying patients						
The length of IM residency and fellowship						
Job satisfaction among IM residents						
The loans I have to repay						
The attractiveness of other (not IM) specialties						
Paperwork and charting in IM						
24. Please indicate how much each of the following factors pushed you away from or attracted you toward a career in internal medicine (IM).						
	Very pushed away	Somewhat pushed away	No influence	Somewhat attracted toward	Very attracted toward	
Opportunities for shift work in IM						

My feelings about taking care of chronically ill patients						
My feelings about treating alcoholic and drug abusing patients						
The responsibility for patient care I had in my IM core clerkship and subinternship						
Job satisfaction among attending internists						
The opportunities to feel competent in what I do as an internist						
The opportunity to perform procedures						
The risk of being sued in IM						
25. Please indicate how much each of the following factors pushed you away from or attracted you toward a career in internal medicine (IM).						
	Very pushed away	Somewhat pushed away	No influence	Somewhat attracted toward	Very attracted toward	
The need to bring work home as an internist						
The continuity of care in IM						
The time and workload demands of IM residency						
The competence of the IM residents I worked with						
The teaching on the IM rotation						
The need to deal with uncertainty as an internist						
The status of IM at my medical school						
Portrayal of different specialties in the media						
26. Your age:						
Pulldown menu						
27. Your gender:						
Female						
Male						
28. Your race: (check all that apply)						
African American/Black						
Caucasian/White						
Chinese						
Japanese						
Asian Indian						
Korean						
Vietnamese						
Other Asian						
American Indian or Alaskan Native						
Native Hawaiian						

Other Pacific Islander						
Other						
Decline to state						
29. Your ethnicity:						
Hispanic or Latino						
Non-Hispanic/Latino						
Decline to state						
30. Your marital status:						
Single						
Married/Domestic Partner						
Divorced						
Widowed						
Separated						
31. Do you have children?						
Yes						
No						
32. What degree(s) you will have upon graduation from medical school:						
MD						
MD/PhD						
MD/Masters						
MD/MPH						
MD/MBA						
Other (please describe)						
33. Total amount of outstanding loans that you must repay to the nearest \$10,000:						
Pulldown menu						
34. Did you receive an Honors, "A" or equivalent highest grade in your core internal medicine clerkship?						
Yes						
No						
35. Did your core IM clerkship grade influence your career choice regarding internal medicine?						
It made me more likely to choose internal medicine						
It made me less likely to choose internal medicine						
No influence on my career choice						
36. Please indicate the degree to which you agree or disagree with the following statement: "My medical school experience provided me with enough insight into what an internist does to make an informed decision about internal medicine as a career."						
Strongly disagree						
Disagree						
Neither disagree nor agree						
Agree						
Strongly agree						