

Supplemental Digital Appendix 1

Sample 50-Item Survey Instrument Sent to Preclerkship Students During Development of the Educational Climate Inventory, Spring 2014

We ask that you complete this brief survey to provide us with your feelings concerning the PRE-CLERKSHIP learning environment as you have experienced it here at Harvard Medical School. Your responses will provide us with invaluable feedback from the student perspective.

As noted before, your participation in this research study is completely voluntary, will have no impact on your academic standing, your response is completely confidential, and the data will be reported only in the aggregate. If you have questions, contact Dr. Edward Krupat (ed_krupat@hms.harvard.edu; [REDACTED])

Thanks for taking the time (about 10 minutes) to give us your opinions.

Learning Environment Inventory (Pre-clerkship) [Administration #3 - 05172014 - Entering 2013]

1. PLEASE INDICATE THE EXTENT TO WHICH YOU AGREE OR DISAGREE WITH EACH OF THE FOLLOWING STATEMENTS.

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree
Faculty and students here see themselves as partners in learning.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The goal of the curriculum here is to turn out people who will do well on standardized exams.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Making a mistake won't get you into trouble here as long as it shows you are attempting to learn.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Most students here want to help their classmates to do as well as they can.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grades and tests are a constant source of anxiety here.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The faculty care about how I think, not simply about whether I get the right answer.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When you make an error here, it is seen as an opportunity for learning and growth.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The focus here is more on learning than on grades.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We are told that we are responsible adult learners, but are treated like children.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student wellness is truly valued here.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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2. PLEASE INDICATE THE EXTENT TO WHICH YOU AGREE OR DISAGREE WITH EACH OF THE FOLLOWING STATEMENTS.

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree
Education here is all about memorizing as much content as you can.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A great emphasis is placed on student self-reflection and self-awareness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Faculty tell us they are concerned with our welfare, but then put us under great stress.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In this medical school, we focus on a sense of discovery and the excitement of inquiry.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Most faculty here simply pay lip service to the value of humanistic qualities in being a physician.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The goal of the curriculum here is to turn out students who know a lot of facts.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students here are encouraged to embrace uncertainty rather than be afraid of it.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students are encouraged to be lifelong learners here.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When students are having difficulties here, it is best if they hide these from anyone else.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students here are expected to be self-directed learners.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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3. PLEASE INDICATE THE EXTENT TO WHICH YOU AGREE OR DISAGREE WITH EACH OF THE FOLLOWING STATEMENTS.

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree
The goal of most students here is to figure out what we will be tested on and to study that material.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Learning here is all about pattern recognition and reducing things to their basic elements.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students here are expected to take responsibility for what and how they learn.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The learning atmosphere is quite stressful here.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students here are expected to be able to explain and defend our reasoning.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Success here is measured by whether you do better than everybody else.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Most faculty here are deeply interested in the welfare of their students.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students often ask questions just to look smart in front of faculty members.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The faculty help students identify their strengths and weaknesses.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The educational process here discourages curiosity.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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4. PLEASE INDICATE THE EXTENT TO WHICH YOU AGREE OR DISAGREE WITH EACH OF THE FOLLOWING STATEMENTS.

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree
The learning atmosphere among students here would best be described as collaborative.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Most students worry more about how they did compared to their classmates than whether they mastered the material.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There is a great deal of attention paid here to helping students cope with the pressures of medical school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Faculty make great demands on the students without offering them enough support.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My classmates and I are almost always encouraged to take an active role in our education.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The faculty are quick to embarrass students when they don't know something.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Faculty here are more interested in building up students' confidence rather than tearing them down.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teachers here are good at giving students valuable feedback to help them improve.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Faculty here tell us not to be competitive, then pit students against one another.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The faculty here react well when students question or challenge them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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5. PLEASE INDICATE THE EXTENT TO WHICH YOU AGREE OR DISAGREE WITH EACH OF THE FOLLOWING STATEMENTS.

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree
Around here you have to act confidently even if you have little idea what you are doing.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In general, there is a great deal of encouragement for me to think critically.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Faculty tell us they want us to be well rounded, then leave us little time to be involved in the world beyond medical school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There is a great deal of trust and respect between students and faculty here.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Most of what we do here is focused on the passive transfer of knowledge.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Students here feel comfortable answering questions even if they are not sure about the answer.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The atmosphere here is highly competitive.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I often get valuable and supportive advice from faculty on how to improve.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Around here topics like ethics and health care policy are valued as much as basic science.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The faculty tell us that they are interested in our thinking, but their tests suggest otherwise.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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6. About your UNDERGRADUATE COLLEGE, indicate the extent to which you agree or disagree with the following statements:

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree
It was a place where students and faculty got to know each other well.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Most of my courses were large and impersonal.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There was far more freedom than structure in the curriculum.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teaching methods were traditional rather than innovative.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The atmosphere was very competitive.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I was extremely satisfied with my undergraduate experience.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If asked by a friend, I would strongly recommend that he or she go to the college I attended.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

7. About the MEDICAL SCHOOL YOU ATTEND, indicate the extent to which you agree or disagree with the following statements:

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree
It is a place where students and faculty get to know each other well.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Most of my courses have been large and impersonal.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There is far more freedom than structure in the curriculum.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teaching methods are traditional rather than innovative.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The atmosphere is very competitive.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am extremely satisfied with my medical school experience so far.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If asked by a friend, I would strongly recommend that he or she go to my medical school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel certain that I made the right choice in going into medicine.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

8. Are you:

- Male
 Female

9. What college or university did you attend for your bachelors degree?

10. What was your major?

11. What year in medical school are you currently completing (or have just completed)?

- Year 1
 Year 2
 Year 3
 Year 4

12. in what field are you planning to do your residency? (Note 'undecided' if so)

13. When I am judged by the faculty, I would prefer for my assessment to be based...
(PERCENTAGES MUST ADD UP TO 100)

% on my level of effort

% on my level of
performance