

Supplemental electronic content to J Med Lib Assoc. Oct;103(4):DOI: http://dx.doi.org/10.3163/1536-5050.103.4.008

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## Information and informatics literacies of first-year medical students

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## **APPENDIX**

	rvey for incoming class of medical students to gauge their levels of information literacy d learning styles
Inf	formation resources
0	On average, how often do you use the Internet for biomedical research? Once a week Multiple times a week Once a day Multiple times a day
0 0 0 0	Which of these biomedical-related databases have you used? Please select any that apply. BIOSIS Ovid MEDLINE PubMed Scopus Web of Science None of the above
0	Do you use more than trial and error to find information on the Internet? Yes No
Ple	What criterion or criteria is best for evaluating Internet-based biomedical information? ease select any that apply.  Accuracy Authority Availability Findability Legibility Objectivity Relevance Timeliness
	Usability



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5.	In general, which I	earning format	do you prefer?			
0	1					
	Real-time web-bas					
_	One-on-one in-per		( ' 1 ( 1 )			
0	1 0					
0	Large in-person gr	oup instruction	(nine or more)			
6.	Please rank your p		logies for accessing Less preferred			
Sm	nartphones	O	O	O	O	
	blets (iPad, Surface,	etc.) O	0	0	•	
	ptops	•	0	0	0	
	sktops	0	0	0	0	
	Would you come t Yes No	o the library to s	seek assistance with	n finding research	related information?	
stures WOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO	A "personal librari ident with one librari search. How likely is CMC Library? Unlikely Somewhat unlikely Neutral Somewhat likely Very likely	rian who would s it that you wou	guide information	seeking and gene	rally help with	
He	ealth informatics					
1.	Have you ever see	n an electronic h	nealth record (EHR)	?		
0	Yes		, ,			
0	No					
2.	Which EHR?					
3	Have you ever see	n a nersonal hes	alth record (PHR)?			
	Yes	ii a personai nea	am record (1111V):			
	No					
4.	Which PHR?					



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or initial to your level of interest for realiting into a about in into and in in	5.	What is yo	our level of interes	st for learning mor	re about EHRs and PHR
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- O Not at all interested
- O Slightly interested
- O Moderately interested
- O Very interested
- Extremely interested

6. What level of expertise do you have with each of the following types of software.

Don't know

	Don't know				
	what that is	Novice	Proficient	Expert	Not sure
Spreadsheets (i.e.,	0	0	0	0	0
Microsoft Excel)					
Databases (i.e.,	0	•	•	•	•
Microsoft Access,					
MySQL)					
Computer	0	•	0	0	•
programming or					
scripting (i.e.,					
Python, JAVA,					
PHP,R)					
Statistical software	0	0	0	0	0
packages (i.e., SPSS,					
STATA, SAS)					
	·		·		<u></u>

7. What is your level of interest for learning more about the above types of software?

	Not at all	Slightly	Moderately	Very	Extremely
	interested	interested	interested	interested	interested
Spreadsheets (i.e.	0	0	0	0	0
Microsoft Excel)					
Databases (i.e.	0	0	0	•	•
Microsoft Access,					
MySQL)					
Computer	•	0	0	•	•
programming or					
scripting (i.e.					
Python, JAVA,					
PHP,R)					
Statistical software	•	•	0	•	•
packages (i.e. SPSS,					
STATA, SAS)					



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## **Bioinformatics**

1.	Which of the following biological databases have you used for any biomedical research?
0	GenBank
0	GEO
0	Gene
0	RefSeq
$\circ$	I have not used any of the above

- 2. How would you rate yourself as a user of the National Center for Biomedical Informatics Entrez GQuery cross–database tool?
- O Beginner
- Intermediate

O Other: \_\_\_\_\_

- O Advanced
- O Expert
- O I have never used this tool
- 3. Please indicate your level of expertise with any of the following biological research tools.

  Don't know

	Don t Know				
	what that is	Novice	Proficient	Expert	Not sure
BLAST	0	0	0	0	0
ddSNP	0	•	0	•	0
dCHIP	0	•	0	0	0
Bioconductor R	•	•	0	•	•
DAVID	•	•	0	•	•
Cytoscape	•	•	0	•	•
Cn3D	•	•	0	0	•

4. What is your level of interest for learning more about these biological research tools?

·	Not at all	Slightly	Moderately	Very	Extremely
	interested	interested	interested	interested	interested
BLAST	0	0	0	0	0
ddSNP	0	0	•	0	•
dCHIP	0	0	•	•	•
Bioconductor R	0	0	•	•	•
DAVID	0	•	0	•	•
Cytoscape	0	0	•	•	•
Cn3D	0	0	•	•	•



O Other: \_\_\_

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too O O	What is your level of interest for learning more about electronic laboratory management ols such as Lab Archives?  Not at all interested Slightly interested Moderately interested Very interested Extremely interested
De	emographics
0	Weill Cornell educational track Medical student Graduate student MD/PhD student
0 0 0	Age 20 or younger 21–25 26–30 30–34 35 or older
0 0 0	Race (Select any or all that apply) White Black or African American American Indian or Alaska Native Asian Native Hawaiian or other Pacific Islander Decline to answer
0	Ethnicity Hispanic or Latino Not Hispanic or Latino Decline to answer
	Gender Male Female
0 0 0	Highest degree achieved BS BA Master's MD PhD