SURVEY ON THE STATE OF EVIDENCE-BASED MEDICINE IN MINNESOTA

AUTHORS

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PRIMARY RESEARCH QUESTION

If evidence-based medicine is the gold standard of medical practice, do physicians have the resources needed to support evidence-based medicine in Minnesota?

TITLE: Survey on the State of Evidence-Based Medicine in Minnesota.

<FIRST SURVEY PAGE>

Welcome to the Minnesota Health Information Resource Survey.

Thank you for your interest in taking this survey. Please click “Next” to review the consent form and to learn more about the survey.

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CONSENT INFORMATION SHEET

You are invited to be in a research study to help better understand the state of information resources that are available to support evidence-based medicine in Minnesota. The research question being studied through this survey is:

Do Minnesota physicians have access to the resources needed to support evidence-based practice, the gold standard of medical practice?

You were selected as a possible participant because you are physician licensed to practice in Minnesota and have provided your email address to the Minnesota Board of Medical Practice.

The results may inform future legislative efforts to increase physician access to evidence-based information tools in Minnesota, and to align curriculum with practice in medical education.

Participants will have the option to provide their email address to enter into a drawing for one of six \$75 Amazon gift cards. Email address will be used for the purposes of the drawing only and will not be linked to other responses.

Procedures:

If you agree to be in this study, we will ask you to complete a brief survey about your health information needs and the information available to you to support evidence-based practice. It should take approximately 5 minutes to complete.

Confidentiality:

All original records will be stored securely and only researchers will have access to those records. We will not include any information that will make it possible to identify you in published reports or datasets submitted to repositories.

Voluntary Nature of the Study:

Participation in this study is voluntary. Your decision whether or not to participate will not affect your current or future relations with the University of Minnesota. If you decide to participate, you may withdraw at any time without affecting those relationships.

Contacts and Questions:

This study is being conducted by the University of Minnesota Health Sciences Libraries. The Principal Investigator conducting this study is: Erinn Aspinall, MSI. Please direct any questions to: 301 Diehl Hall, 505 Essex St SE, Minneapolis, 55455, by phone at 612-301-9481, or by e-mail at aspin005@umn.edu.

If you have any questions or concerns regarding this study and would like to talk to someone other than the researcher(s), you are encouraged to contact the Research Subjects' Advocate Line, D528 Mayo, 420 Delaware St. Southeast, Minneapolis, Minnesota 55455; 612-625-1650.

Institutional Review Board Determination:

This Institutional Review Board at the University of Minnesota determined that the proposed activity is not research involving human subjects and does not require review or approval.

Statement of Consent: I have read the above information, asked any questions I may have had and received answers, and I consent to participate in this study.

- I consent to participate in this study.
- I do not consent to participate in this study. *You will be exited from this study.*

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QUESTIONNAIRE

TEXT BLOCK:

For the first 4 questions (below), please respond using your best estimate.

- 1) **On average, how many unanswered clinical questions arise each day when seeing patients? Enter a whole number.** (Open ended, numerical response)
- 2) **For the unanswered clinical questions that arise each day, how many times do you pursue information to answer those questions? Enter a whole number.** (Open ended, numerical response)

- 3) **Of the times you seek answers to clinical questions, how many times do you find information that answers your question?** (Open ended, numerical response)
- 4) **Approximately how many minutes each day do you search for answers to unanswered clinical questions?** (Open ended, numerical response)

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- 5) **Indicate which of the following online clinical information resources you have access to. *Check all that apply.***

Resource	Access	No Access	Not Sure
DynaMed or DynaMed Plus			
Up to Date			
Micromedex			
Ovid Medline			
Lexicomp			
Cochrane Database of Systematic Reviews			
AHFS			
Other (please specify).			

You selected that you have access to "other" resources in the previous question. List the other online clinical information resources to which you have access (*Optional*).

- 6) **Does your current access to online clinical information resources meet your information needs?**
(*Likert Scale: Does NOT meet needs -- COMPLETELY meets needs*).
- 7) **When you find a citation for a book or article to answer your clinical question, how often are you able to access the full-text?**
- Never
Rarely
Sometimes
Most of the time
Always
- 8) **If you do not have access to the full-text book or article, what are your strategies for gaining**

access to the full-text? (Optional).

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9) What is your age?

- 34 and younger
- 35 to 44
- 45 to 54
- 55 to 64
- 65 and older

10) Indicate the number of years since your initial license was granted.

- 0 to 5 years
- 6 to 15 years
- 16 to 30 years
- 30 years or more

11) Describe your primary work setting.

- Urban
- Suburban
- Rural

12) Provide the zip code of your primary work setting. (numeric, 5 digit required)

13) Describe your primary work setting:

- Office/Clinic
- Hospital - Inpatient
- Hospital - Outpatient
- Hospital - Emergency Department
- Medical School
- Research/Laboratory
- Nursing Home or Extended Care Facility
- Treatment Facility
- Hospice Care
- Other

14) Indicate the percent of hours out of 40 spent providing patient care each week.

- 0 to 25% of hours
- 26 to 50% of hours
- 51 to 75% of hours
- 76 to 100% of hours

15) Indicate who provides your access to online clinical information.

- I have access to online health information from the University of Minnesota

- I have access to online health information from the Mayo Clinic
- I have no access from the University of Minnesota or the Mayo Clinic

16) If you wish to be entered into a drawing for one of six \$75 Amazon gift cards, provide your email address. This information is optional and is not linked to your previous responses to ensure confidentiality.

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THANK YOU for completing this survey about your access to clinical information.

This study is being done as part of an ongoing effort by the University of Minnesota Health Sciences Libraries to increase access to online clinical health information for our state's health providers and citizens.

If your work or personal life has been impacted by limited access to clinical information, we invite you to learn more about our work and to tell us your health information story.

Personal stories will help us convey the need for a Minnesota electronic Health Library (MeHL) to the Minnesota State Legislature.

LEARN MORE ABOUT MeHL at: <http://z.umn.edu/mehl>

If you have any questions, or would like to see the results of this survey, please contact Erinn Aspinall at aspin005@umn.edu.

Recruitment Email

From: James Boulger, PhD

Subject: Where do you look for clinical information? Please take the Minnesota Physician's Information Resource Survey.

Body:

Dear Dr. \${m://LastName},

We are writing to request your participation in a survey to help us better understand which information resources physicians can access to support evidence-based care in Minnesota. The results from this survey conducted by the University of Minnesota Health Sciences Libraries may be used to inform legislative efforts to increase physician access to evidence-based information resources, and to align curriculum with practice in medical education.

The survey will take approximately five minutes of your time and can be accessed by clicking the link, below.

- [\\${l://SurveyLink?d=Take%20the%20Survey}](#)

We encourage you to respond to this survey by January 30, 2018. As a thank you for your time, you will have the opportunity to enter into a drawing for one of six \$75 Amazon gift cards.

If you have any questions, or would like to see the results of this survey, please contact Erinn Aspinall at aspin005@umn.edu.

Thank you for your participation in this survey.

James Boulger, PhD

Family Medicine and BioBehavioral Health, University of Minnesota

Erinn Aspinall, Katherine Chew, Shanda Hunt, Evan Olawsky, Franklin Sayre, Nicole Theis-Mahon

This Institutional Review Board at the University of Minnesota determined that the proposed activity is not research involving human subjects and does not require review or approval.

[\\${l://OptOutLink?d=Click%20here%20to%20unsubscribe.}](#)

Reminder Email #1

From: James Boulger, PhD

Subject: REMINDER: Where do you look for Clinical Information? Please take the Minnesota Health Information Resource Survey.

Body:

Dear Dr. \${m://LastName},

We are writing to remind you of the recently distributed survey that will help the University of Minnesota Health Sciences Libraries better understand which information resources physicians can access to support evidence-based medicine in Minnesota.

As you have likely experienced, physicians in Minnesota have varying levels of access to information depending on their place of employment or location.

Survey results may be used to inform future legislative efforts to increase physician access to evidence-based information tools in Minnesota, and to align curriculum with practice in medical education.

- [\\${l://SurveyLink?d=Take%20the%20Survey}](#)

We encourage you to respond to this survey by January 30, 2018. As a thank you for your time, you will have the opportunity to enter into a drawing for one of six \$75 Amazon gift cards.

If you have any questions, or would like to see the results of this survey, please contact Erinn Aspinall at aspin005@umn.edu.

Thank you for your time and response to this brief questionnaire.

James Boulger, PhD

Family Medicine and BioBehavioral Health, University of Minnesota

Erinn Aspinall, Katherine Chew, Shanda Hunt, Evan Olawsky, Franklin Sayre, Nicole Theis-Mahon

(\${l://OptOutLink?d=click%20here%20to%20unsubscribe})

Reminder Email #2

From: James Boulger, PhD

Subject: REMINDER: Where do you look for Clinical Information? Please take the Minnesota Health Information Resource Survey.

Dear Dr. \${m://LastName},

We know that you care about access to quality health information in support of clinical care - for you and all physicians practicing in Minnesota - and so we again encourage you to respond to our survey so we can learn more about your use of clinical information resources.

Results may be used to inform future legislative efforts to increase physician access to evidence-based information tools in Minnesota, and to align curriculum with practice in medical education.

- [\\${l://SurveyLink?d=Take%20the%20Survey}](#)

We encourage you to respond to this survey by January 30, 2018. As a thank you for your time, you will have the opportunity to enter into a drawing for one of six \$75 Amazon gift cards.

If you have any questions, or would like to see the results of this survey, please contact Erinn Aspinall at aspin005@umn.edu.

We appreciate your time and your input as we work to support our state's health providers.

James Boulger, PhD

Family Medicine and BioBehavioral Health, University of Minnesota

Erinn Aspinall, Katherine Chew, Shanda Hunt, Evan Olawsky, Franklin Sayre, Nicole Theis-Mahon

[\(\\${l://OptOutLink?d=click%20here%20to%20unsubscribe}\)](#)

No Consent - Survey Text

Since you have indicated that you do not consent to participate in this survey, you will be exited from this questionnaire. Thank you for your time.

This study is being done as part of an ongoing effort by the University of Minnesota Health Sciences Libraries to increase access to online clinical health information for our state's health providers and citizens.

If your work or personal life has been impacted by limited access to clinical information, we invite you to learn more about our work and to tell us your health information story.

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