Translating Our Brains: A Brief Overview of Initial Learning in the MLA Research Training Institute

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Call for Applications to the MLA Research Training Institute (RTI)

Applications must be received by December 1, 2018

- Find out more about the application process.
- Submit an online application.

General Information

The MLA Research Training Institute for Health Sciences Librarians was developed to provide practicing health sciences librarians with an opportunity to immerse themselves in instruction and focused activities related to scholarly

http://www.mlanet.org/rti
Susan Lessick! AHIP, FMLA
Original question

• Are our physician assistant (PA) students learning what they need to in our program to develop their ability to engage in evidence-based practice as clinicians?

• Possible method: apply the Fresno Test (validated) to current physician assistant (PA) students at OHSU.
This section includes all the work to be completed by each RTI fellow prior to the face-to-face institute, including readings and other learning activities. It is recommended that you review all the content first to allow enough time to complete the required readings and activities prior to attending the institute.

You may print out completed worksheets or save them. Either way, please ensure you have these with you for the face-to-face institute for reference in whatever format you prefer.

The total amount of time estimated to complete the pre-institute work is 11 hours. This does NOT include the recommended readings or supplemental resources. These resources are included here for reference.

Content from the face-to-face institute (i.e., activities, worksheets, and slide decks) will be made available in the respective modules during the face-to-face institute.

Resources

- **Worksheet 1.1**
  Working research plan

- **Worksheet 2.2**
  Plain language study description

- **Worksheet 2.1**
  IRB submission planning

- **Worksheet 3.1**
  Identifying funding needs and opportunities

Activities

- **Module 1: Introduction to research and the process of conducting research**  
  Estimated Time: 2 hours

- **Module 2: Research ethics and institutional review board**  
  Estimated Time: 2½ hours

- **Module 3: Research funding**  
  Estimated Time: 1½ hours

- **Module 4: Research questions**  
  Estimated Time: 1 hour
Teachers!

Lorie Kloda, AHIP
Concordia University
Montreal, Quebec, Canada

Jodi Philbrick, AHIP
University of North Texas
Denton, TX, US
Topics covered (viscerally!) M-T-W-Th-F

1. Introduction to research/process
2. Research ethics and institutional review boards.
3. Research funding
4. Research questions
5. Theoretical frameworks
6. Literature review (:-D)
7. Research methods and designs
8. Research data management
9. Research data analysis
10. Surveys
11. Interviews and focus groups
12. Research dissemination plan
13. Writing a journal article
14. Promoting your research and tracking its impact
Revised question

• Are our physician assistant (PA) students learning what they need to in our program to develop their ability to engage in evidence-based practice as clinicians?

• Possible method: apply the Fresno Test (validated) to current physician assistant (PA) students at OHSU.

• Problem: Fresno Test validated and adapted for undergraduate medical students, occupational therapy students, and others, but not PA students.

• Solution: Focus on validating Fresno Test for PA students?
Further revised question

- What can we include in our PA curriculum that can support development of lifelong learning habits in our future PA practitioners?

- Possible method: Online survey, then 10-12 in-person interviews with Oregon PAs currently in practice.

- Trying to identify what in the curriculum supports developing evidence-based practice/lifelong learning skills.

- Variables could include:
  - How many years since graduation
  - Place trained
  - Specialty/area of practice
  - Previous life experience/other factors
May 2019
- Interviews
- Verified

June 2019
- Code
- Interviews

July 2019
- MLA 2019

Aug 2019
- Write Article

Sep 2019
- Oct

Dec 2019
- Article published
- Fame & Glory!!
- Mentor next E21 cohort
- Excel, fame, glory!
Current

• Met with two faculty partners in August (per their schedule)
• 10-12 in-person interviews first, then online survey
• Redoing timeline
• IRB!
• Onwards!
• MLA 2019!
• Fame and glory!
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