Navigating the FPIN Librarian Community

Table of Contents
- Overview of the FPIN organization
- The FPIN Librarian Community
- The FPN Website
- FPN Products

Sides 1-7
- Clinical Inquiries
  - Search Process
  - Submitting the Search Summary Report
  - Editorial Process
  - Physician Librarian Co-author Communication
  - Librarian mentors

What is the Family Physicians’ Inquiries Network?
The Family Physicians’ Inquiries Network (FPIN) is a national, not-for-profit academic consortium of family physicians, family medicine residency programs and departments, medical librarians, and other health professionals with the common goal of using information technology to improve health care.

Our mission is to improve clinical practice by using information technology to translate useful research evidence into practice, by teaching all primary care clinicians to be clinical scholars, and by generating new evidence from practice based on clinical research.

The FPIN Organizational Structure

What is the FPIN Librarian Community?
The FPIN Librarian Community is a network of librarians who have a common interest collaborating on delivery systems for evidence-based information at the point of care. FPIN Librarians have a variety of opportunities to:

- Provide expert search support to clinician authors
- Collaborate in the development and testing of database content
- Foster links with family practice residency programs, primary care physicians and researchers, educators, and a national network of medical librarians affiliated with family medicine and primary care
- Engage in professional development as a community

Membership

There are three ways a librarian can become involved with the Family Physicians’ Inquiries Network (FPIN):

- Individual librarians can join as an FPIN Librarian, Associate Member
- Librarians affiliated with an Organizational Member Family Medicine Department or Residency Program can join as an FPN Librarian, Organizational Member
- Librarians affiliated with a Founding Member Family Medicine Department or Residency Program can join as an FPN Librarian, Founding Member

There is no fee to join.

The FPN Librarian Team

The team is comprised of liaison members representing the Founding Member institutions and other groups within the librarian community.

What qualifications do I need to participate as an FPN Librarian?
FPIN has adopted the following FPN Librarian Community Standard of Search Experience and Education. FPN Librarians must:

1. Be a practicing librarian or a medical librarian with a Master’s degree in Library Science.
2. Have experience searching electronic databases and Internet resources applicable to FPN searches, including MEDLINE, some of the MeSH vocabulary, publication types, and limits to search strategies.
3. Have a basic understanding of evidence-based medicine obtained via CE courses such as EBM (Evidence Based Learning) or other EBM workshops.
4. Experience performing clinically oriented searches for point-of-care questions.
5. Possess a good understanding of evidence-based medicine, as evidenced by participation in FPN educational programs.
6. Have additional qualifications in the area of family medicine, including experience with the Family Medicine Residency Program.
7. Participate in annual FPN Librarian meetings to stay updated on the latest developments in evidence-based medicine and clinical practice.
8. Be able to demonstrate a commitment to continuous professional development in the area of evidence-based medicine and clinical practice.

Librarian Community

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FPIN Products

Clinical Inquiries
PEPID- Primary Care Plus
EBP Newsletter
FPIN website

What does a CI 1 look like?

Clinical Inquiries are published in Journal of Family Practice (JFP) as well as at www.fp-in.org.
To see an example of a typical CI as it appears in JFP, click below:

click

Co-Author

As a co-author, the FPIN Librarian is obliged to read the entire manuscript and be prepared to assume public accountability for:

- the author's knowledge of the search results
- the description of the search methods used
- the manuscript's content as it relates to the interpretation of the search results by the author
- the accuracy of the references
- any other content in the document that he/she feels qualified to address

CI Searcher

What is an FPIN search?
An FPIN search supports a Clinical Inquiry 1, which is published in the Journal of Family Practice and on several web sites, including www.fp-in.org. The systematic search covers a set of prescribed databases and uses specific evidence-based filters. The search results are reported to the primary author in a standard format.

How long does a search typically take to run?
Initially, the librarian may find that it takes, on average, 5-6 hours to run a 14M search based upon the search protocol. However, as he/she becomes more familiar with the search process, the search time will probably run between 3-4 hours.

What databases do I need to search?
FPIN Search Protocol
- Clinical Queries, electronic or print
- Cochrane Library (accessory)
- Canadian guidelines (accessory)
- National guidelines (accessory)
- DailyMed
- Cancer.gov
- HHS.gov
- NLM's Medical Encyclopedia
- OVID MEDLINE (accessory)
- PubMed Central
- Other databases at the discretion of CI Searcher

Librarian's role in Clinical Inquiries

Co-Author
CI Searcher

What is a Clinical Inquiries 1 (CI 1)?

- Cls are concise answers to real clinical questions from family physicians.
- Each Cl 1 is answered with the best available evidence, is published in the Journal of Family Practice (JFP) as CI Searcher.
- In 2003, the first year of publication, Clinical Inquiries became the most frequently read article in JFP, according to readership surveys.
- These answers are prepared by clinician authors, who review and appraise the available evidence.
- Structured, evidence-based searches of primary and secondary literature are conducted by medical librarian co-authors.
- Each Clinical Inquiry is then peer reviewed by other clinician authors, and comments by fellow family physicians add a clinical perspective on the topic in the form of a Clinical Commentary.
What is the production process for CI 1s?

Formerly, librarians were notified of the availability of questions via the Librarian's ListServ. We now have a new automated system, known as the Editorial Management System (EMS), to facilitate the librarian search process.

Librarians may view the list of available questions and request to co-author a specific question at the PPIN website.

Copy of Confirmation Email

The question you submitted to co-author will appear in this email.

The production process, cont’d.

1. Form is submitted, and the viewer notifies the librarian to begin the search process.
2. The librarian, upon receipt of the PPIN search request, creates a new search and sends an email to the author.
3. The librarian must ensure that the search is completed, and the results are submitted to the author.
4. The librarian must ensure that the search is completed, and the results are submitted to the author.
5. The librarian must ensure that the search is completed, and the results are submitted to the author.
6. To view a flow chart of the Clinical Inquiries authoring process, click here.

CI 1 Process – Work Flow

This process is still in development, so be sure to follow instructions closely as they may change with implementation and testing.

The production process, cont’d.

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More specifically, here is the Librarian Flow Chart

The Librarian’s CI 1 toolbox
In order to establish a standard level of quality for the CI 1 systematic searches, the Librarian Team created several guides and tools to support the Librarian searching:

- Clinical Inquiries 1 Database Search Protocol
  - The search protocol lists two tiers of evidence-based resources:
    - Tier 1: covers the **approved** databases that must be searched for a Clinical Inquiry 1
    - Tier 2: offers additional resources that may be searched at the Librarian’s discretion

Toolbox, cont’d
- **Clinical Inquiries 1 Recommended Search Hedges**
  - OVID MEDLINE – Therapy Hedge
  - OVID MEDLINE – Diagnostic Hedge
  - PubMed – Therapy Hedge
  - PubMed – Diagnostic Hedge
- **Search Summary Results and Strategy**

Oh, you’ve learned about CI 1s and the librarian tools we use to produce our searches… where do you go from here?!

A day (…or two) in the life of an FPIN Librarian
A physician author has been assigned to write a CI 1 for the following question:

“Who should have a colonoscopy?”

The question is now available for librarian assignment. I want to work on this question and request it from the website.

It’s time to make the initial contact with my CI 1 author…

Planning Search Strategy
With the initial concepts identified, I can now plan my search strategy according to the FPIN Search Protocol:

- I will use a combination of MeSH terms and textwords, and will search the entire field. **PMID** – present (which is required for all initial CI 1 searches). If the search results are too large, I will apply the 10-year limit as suggested by the author.
- I will also consider searching some additional resources such as:
  - OVID Evidence Based MedicineACP Journal Club
  - Ovid/USMLE – CITR
  - U.S. Preventive Services Task Force
  - Agency for Healthcare Research and Quality (AHRQ)
  - InternetAdvisor
  - Dynamed

...
The MEDLINE Search Strategy

To begin the search, I will execute the PubMed/PubChem therapy search handle which I have permanently stored on my computer. (Remember, the toolbox)

1. Database - PubMed Therapeutic Registry
2. Clinical (terms)
3. Medical (terms)
4. Specific Conditions
5. Complementary (terms)
6. Therapy (terms)
7. Clinical (terms)
8. Medical (terms)
9. Specific Conditions
10. Complementary (terms)
11. Therapy (terms)

In addition, appropriate MeSH terms and text words will be included.

The MEDLINE search is nearly complete: if I felt it necessary, I might continue to search for additional epidemiologic studies, but at this point, I think it is reasonable to send the results I have gathered, thus far, to the author. I will store my search permanently so that I can go back in and make revisions based upon any feedback he might give.

An example of a completed summary appears in the box below...

Search Strategy Report Form

Date: January 4, 2004

1. Clinical Evidence
2. Complementary Evidence
3. Treatment Evidence
4. Database Library
5. Database Library
6. Database Library
7. Database Library
8. Database Library
9. Database Library
10. Database Library

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An example of a completed summary appears in the box below...
Submitting My Search

The following series of slides will show you the process for uploading your search results and Search Summary Form.

* This author-librarian interface is found within the new EMS

And now the upload...

Locating & Submitting your search results...you upload...

Search Tips

- Remember, the FPN Search Protocol requires a comprehensive search tool that is designed for each user. The protocol is not used for
  * While it is important to take a comprehensive, evidence-based search approach, it is not the recommendation of the protocol.
  * The search approach may yield... This is particularly true if you have
  * If you maintain a search history in the protocol, this will... Note that the
  * Remember, the goal is to present the author with highly

Got questions?

- I wish I had put a lead-in, but not one of my... The average... Assistance is available through the
  * It is important to... In the previous base, if you have
  * Remember, the goal is to present the author with highly

Search Tips

- If your initial level with the previous tip... In this study, and you feel you
  * Try to get a feel for how the author... The author must review, the issue
  * Get in touch with the author to discuss options for narrowing the strategy a
  * Remember, the goal is to present the author with highly

Guidance for the librarian’s first co-authoring experience

- Librarian mentor support
- Support from the Librarian Team
The Librarians’ Page

The FPIN Electronic Library

Customizing the Library
Several of our Founding Members and Organizational Members have customized the Electronic Library in order to provide a central location for users to access information.

If you would like to see how FPIN incorporated the resources that the libraries provide, click here.

University of Missouri - Columbia

For more information on customizing...

...your organization’s electronic library, contact Heather Stewart, Membership Coordinator, Heather@fpin.org.

Education Resources

Professional Development
- Participation in annual meeting
- Term membership on Librarian Team
- Work group involvement
- Continuing education and credentialing
- Teaching opportunities
- Workshops
- Interdisciplinary collaboration with physicians and computer specialists members of the FPIN Community

Insert a thank you comment