Turning Projects into Publications

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Conflicts of Interest

- None
Objective

- Identify research project ideas and designs that can result in publishable projects.
Where it Starts! You!

- You are an “Authority”
- Your practice is unique
- If you want to publish
  - Make journal reading a priority
  - Subscribe to tables of contents email alerts
    - E.g. MEDSCAPE
    - Professional organizations highlight publications in their journal
  - Volunteer as an abstract reviewer
  - Read the meeting research abstracts
How to Select Meaningful Projects

- Identify clinical therapeutic or practice management dilemmas
- Search the literature for other publications/projects
  - Developing a new practice or performing QA
- Critique the literature
  - Use a better study design to answer the question
  - Pattern your study off of prior work but in a different area
  - What is unique?
When Does Preparation for Publishing Start? Before the Project Starts!

- Be familiar with types of articles the journal publishes
- Review the Author Instructions for submission
- Identify appropriate journals before starting the project
- Who wants to hear your message?
Journals Publishing Pharmacy Practice Research

- Pharmacotherapy (Impact factor 2017 3.196)
  - Original Research Articles
  - Brief Reports
- JACCP
  - Clinical Pharmacy Research Reports
- AJHP (Impact factor 2017 1.872)
  - Reports (Clinical Research Reports, Practice Research Reports, descriptive reports)
- AJHP Resident’s Edition
  - Published as a quarterly online supplement
  - Research projects or rigorous quality improvement programs that were undertaken while the primary author was a resident
Journals (Continued)

- Annals of Pharmacotherapy (Impact factor 2017 2.765)
  - Research Reports
- Journal of Pharmacy Practice (JPP)
  - Research Reports
- International Journal of Pharmacy Practice (IJPP)
  - Original Research
- Pharmacy Practice
  - Original Research
  - International scope
Journals (Continued)

- Journal of Pharmacy Practice and Research
  - Bimonthly
  - Research
  - Pharmacy Practice
- Journal of Research in Pharmacy Practice (JRPP)
  - Open access
  - Original articles
  - Brief communications
Journals (Continued)

- Journal of Pharmacy Practice and Education
  - Open access
  - Publishing fee
- American Journal of Pharmaceutical Education (AJPE) (Impact factor 1.495)
  - Open access
- Currents in Pharmacy Teaching and Learning
  - Research Paper
Journals (Continued)

- JAPhA (Impact factor 1.315)
  - Research
  - Research Notes
- Research in Social and Administrative Pharmacy (Impact factor 2.315)
  - Original Research
  - Research Brief
Journals (Continued)

- Journal of Pharmacy Practice and Community Medicine (JPPCM)
  - 4 issues/year International
  - Open access
  - International
  - Not indexed in PubMed
JACCP Recent Examples

- Pharmacists’ Perceptions of Implementing a Pharmacist-Managed Area Under the Concentration Time Curve-Guided Vancomycin Dosing Program at a Large Academic Medical Center
- Evaluation of Nonmedical Use of Prescription Stimulants by College Students at Three Northeastern Pharmacy Schools
- Value of a Clinical Pharmacy On-Call Program on Post-Graduate Year One Pharmacy Residents
- Impact of a pharmacist-driven transition of care program for patients with acute coronary syndromes
- Impact of a pharmacist-driven transition of care program for patients with acute coronary syndromes
- Hospital admission rates of patients enrolled in pharmacist vs nurse anticoagulation management services
Variability in training, practice, and prioritization of services among emergency medicine pharmacists

Pharmacist-led antimicrobial stewardship program in an urgent care setting

Effects of clinical decision support and pharmacist prescribing authority on a therapeutic interchange program

Comparison of clinical pharmacy specialists and usual care in outpatient management of hyperglycemia in Veterans Affairs medical centers
Key article

On the methodology of retrospective chart reviews

Jerry L. Bauman Pharm.D., FCCP1
Cynthia Jackevicius Pharm.D., M.Sc., FCCP2
Alan J. Zillich Pharm.D., FCCP3
Robert B. Parker Pharm.D., FCCP4
Beth Bryles Phillips Pharm.D., FCCP5

1Pharmacotherapy Publications Inc, University of Illinois at Chicago
College of Pharmacy, Chicago, Illinois
2Western University College of Pharmacy, Pomona, California
3Purdue University College of Pharmacy, West Lafayette, Indiana
4University of Tennessee College of Pharmacy, Memphis, Tennessee
5University of Georgia College of Pharmacy, Athens, Georgia
Retrospective Observational Studies “Best Practices”

- Must be approved by IRB (“Exempt”)
- Multi-site study better than single-center study
- Random sampling better than consecutive sampling
- “Exposed” group and comparator group
  - Pre- and post- or another group absent from the intervention

Retrospective Observational Studies “Best Practices”

- Sample size estimate and power analysis (mandatory)
- Minimize collection bias
  - Person collecting data blinded to the study
  - Person collecting data undergo training
  - Pilot test of review of collectors data to aid in training
  - Multiple data collectors rather than one
    - Inter- and intra-rater reliability calculated

The Project is Over Now
What? How to turn an
Abstract or Poster into a Paper
Where it Starts!

- So you completed a project...
- What makes your project publishable?
  - New observations
  - Can it be replicated?
- How to write the abstract
  - Look at the meeting format for abstracts
  - Word limits
  - Don’t follow the word limits!
  - Write the “BIG” abstract
- Are you making a poster?
  - Great – you are more than half-way done
Why Write “BIG”? 

- My memory is fading with each passing day.
- I don’t have time to write the paper at the same time I am writing the abstract.
- I can’t find the data on my computer or in my office two years from now when I am ready to write.
- If I am working with a student or trainee.......they vanish
What Should Go in “BIG” Abstract

- **Background**
  - Use your study protocol.

- **Methods**
  - Copy and paste from your “BIG” abstract right into your paper.

- **Results**
  - Think pictorially when designing the figures and tables for your poster or presentation.
  - Use those in your manuscript.

- **Conclusion**

- **So what’s left to do?**
  - Write the discussion.
  - Review of additional work published between abstract and paper submission
What’s Missing?

- New literature search
- Write the discussion
Journal Selection

- Read the journals for article types
- Know the audience of the journal
  - Who needs to hear your message?
    - My opinion:
      - *Pharmacotherapy*
        - Pharmacy “Thought Leaders”
      - *Annals of Pharmacotherapy*
        - International, multidisciplinary
      - *AJHP/JACCP*
        - Hospital practitioners
        - Open access
- Contact the editor prior to submission
  - See who is interested in your work!
Additional Thoughts

- Remember once you have put a poster/abstract out there for all to see, the clock starts ticking
  - Topic selection appropriately narrow/focused
  - Others will see your work and it will spark them to publish their work and now yours is not unique