



Research Collaboration Readiness: A Primer for Clinician-Educators



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Objectives

1. Learn the different roles of members of research teams
2. Identify roles in which they can contribute and learn how to prepare for them
3. Develop a biosketch that can be used to demonstrate their expertise and potential contributions to a research project



Grant Funding

- Grant opportunities often arise with little notice
- Less experienced, but interested clinical educators (most of us) don't feel qualified to raise our hands
- Having a clinical “expert” on these projects is critical
 - Perfect role to get started



How does one get started doing research?

- What makes us excited?
- What clinical questions do you have?
- What are your areas of expertise?
- What have you already accomplished?
- Focus areas?



What is Your Scholarly Experience?

- What presentations you've made
 - In the program
 - STFM, AAFP or other orgs
- What research/scholarship you've done?
 - As a resident
 - With a resident or student
- What topics have you taught?



Joining a Team

- Who at your program is doing research?
- Affiliated institutions?
- Nearby universities? MPH programs?
- Residents needing to do research? Medical students?



What skills are helpful for the team?

- Methodologists - PhDs, biostatisticians
 - Survey expertise
 - Topical experts
- Clinical collaborators
- Someone who has the time to write
- IRB knowledge



Double-dipping with Service Activities



Research Related Service

- Several service activities simultaneously make you more prepared to be a strong collaborator
- Also improve your chances of promotion
 - Mentoring medical learners
 - QI/PI project collaboration
 - Peer reviewing
 - Local research day
 - NAPCRG and other conference submissions
 - Journal manuscripts
 - Grant review panels
 - IRB membership



What Can You Do Today to Get Yourself Research Collaboration Ready?



What Can You Do Today to Get Yourself Research Collaboration Ready?

- CITI Training to learn the ethics of human subject research
- Start developing a biosketch
 - seek opportunities to get on publications as co-author
 - case series, FPIN, publishable QI work
 - Aim for 1-2 papers/year
- Build some research literacy to facilitate communication with researcher team
 - e.g understand common terms (study designs, sample size, confidence intervals, p-values)
 - ABFM journal club
 - learn the basics of grant applications (specific aims, co-Investigator roles, budgets/budget justification/effort allocations)
 - you could ask to review a grant application especially at presubmission stage and offer to contribute a paragraph that aligns with your expertise



What Can You Do Today to Get Yourself Research Collaboration Ready?

- Identify 1-2 lanes (clinical conditions) of interest
 - e.g. behavioral health, preventable/modifiable chronic disease (diabetes, HTN), women's health, health disparities. Goal is to be the go-to person for X.
- Attach yourself to existing projects of interests in your place including QI projects
 - Prioritize topics in which your group share a common interest
- Approach successful investigators and express interest in learning about their work
 - e.g. ask to read about their research, attend their team meetings, and offer/volunteer to help with small tasks
 - you want to excel in 1-2 collaborative roles, e.g. recruitment/retention, clinical work flow integration, overseeing study adverse events
- Are there other related collaboratives in your topics of interest available within STFM you could join?



Having a Biosketch is Helpful

- Google ScienCV
- [SciENcv: Science Experts Network Curriculum Vitae: <https://www.ncbi.nlm.nih.gov/sciencv/>](#)
- ORCID is a good way to login to assure the data is correct



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