



University of
Pittsburgh

Department of Anesthesiology
and Perioperative Medicine

RESEARCH

How to Work with Residents

Do NOT Invite Residents to Projects That...

- You have never done before
- You are not familiar with
- You are not so confident that they will be completed
- You are not so confident of its potential for publication

If the project falls into any of the above categories, you will need your faculty mentor.

Goals & Objectives

- Benefits of Working with Residents
- Preparation
- How to Invite a Resident to the Project
- How to Work with a Resident on the Project
- Your Responsibilities

Benefits of Working with Residents

- For you
 - Mentoring opportunity
 - Increasing scholarly productivity
 - Creating your research team
- For the resident
 - Learning opportunity
 - Gaining scholarly experience
 - Producing scholarly products

Preparation

Make sure You Can Answer “YES” to Each Question

- Is the project worth doing?
- Do you know what to do and how to do it?
- Can a resident present the work at a meeting?
- Can a resident publish the work in a peer-reviewed journal?

How to Invite a Resident to the Project

1. Identify the resident and invite him/her directly
2. Solicit invitation via the Resident Junior Chief of Research
 - Dr. Ryan Holden (CA-2): 2020-2021
holdenrs4@upmc.edu
3. Solicit invitation via Director of Resident Research
 - Dr. Tetsuro Sakai
sakait@upmc.edu

How to Work with a Resident on the Project

- Initial meeting with resident
 - Set up the milestones with a time line
 - Determine working rules (meeting schedule; expectations; authorship)
- Determination of authorship
 - You will be the senior author (its value is equal to first authorship).
 - The resident is expected to fulfill the role of first author.
 - Planning, data collection, data analysis, drafting the initial article, and confirming the final draft

Your Responsibilities

- Provide full mentorship to the resident
- Resolve any bureaucracy issues
- Solve any conflicts
- Take all responsibility incurred by the research project