

Research, Publications & Presentations Rotation for Senior Residents

A. General Information

1. PGY-III residents will participate in this required two week experience.
2. Residents will be assigned to this rotation prior to their scheduled Grand Rounds presentation.
3. First day logistics: The resident should report to the Internal Medicine Residency Office and meet with Dr. Yost at 8:00 a.m. on the first day of the rotation for orientation.
4. Faculty: William J. Yost, M.D. (rotation director)
Research Department Staff (evidence-based medicine and statistics)
Assigned faculty mentor (Grand Rounds presentation assistance)
Bea Martin (public speaking assistance)
Gina Palmer (*PowerPoint* assistance)

B. Objectives for Rotation

This rotation will teach all senior residents important principles about writing and speaking for excellence. This will assist those residents who wish to write and publish papers in the medical literature and will assist all residents in preparing for their required Grand Rounds presentation.

The following specific objectives will be addressed during this rotation:

1. Reinforce and apply evidence-based medicine concepts originally taught in the PGY-I Evidence-Based Medicine course including:
 - a. Properly searching the medical literature to answer key clinical questions.
 - b. Critically evaluating articles from the medical literature using published guidelines.
 - c. Understanding basic statistics used in the medical literature.
2. Review important principles on how to write and publish papers in the medical literature.
3. Teach needed skills for public speaking including how to prepare a good talk, how to deliver a good talk, and use of appropriate audio-visual aides to enhance a presentation.
4. Instruct on use of *PowerPoint* by Microsoft to produce appropriate visual aides to support a presentation.

C. Principal Teaching Methods

1. Each of the faculty listed will work with residents to develop their skills in the area indicated.
2. Two publications will be provided to residents for review during the rotation: Writing and Speaking for Excellence by Debra St. James and How To Write and Publish Papers in the Medical Sciences by Edward J. Huth.
3. *The Medical Presentation Skills Workshop* produced by Health Care Education Consulting (Pharmacia & Upjohn, 2000) will also be provided to each resident during the rotation.

D. Logistics for Rotation

1. Residents will be required to demonstrate the literature search they have conducted in researching the Grand Rounds topic they have chosen.
2. Residents will present to Dr. Yost the outline for their Grand Rounds presentation that they develop in conjunction with their assigned faculty mentor.
3. Residents will complete the *PowerPoint* slides to be used in their Grand Rounds presentation during this rotation.
4. Residents will be required to present their Grand Rounds presentation to Bea Martin at the end of the rotation to work on their public speaking skills.

E. Evaluation

At the end of the rotation, the resident will be evaluated by Dr. Yost. Personal feedback will be provided and an evaluation form will be completed and returned to the residency office. The evaluation form will be reviewed and signed by the resident.

The resident will be evaluated by Dr. Yost in the following areas:

1. Knowledge of subject chosen for Grand Rounds presentation
2. Appropriateness and thoroughness of literature search conducted.
3. Adequacy of audiovisual support materials developed for presentation.
4. Quality of Grand Rounds presentation delivery.
5. Development of appropriate handout with reference list to accompany presentation.