Harlem Hospital Center  
Department of Radiology  
Diagnostic Radiology Residency Training Program  

RESEARCH ROTATION: Educational Goals and Objectives  

ROTATION: (Radiology Years 3 and 4)  

MEDICAL KNOWLEDGE  

- To provide basic instruction in the principles and methods of research and data analysis  
- To provide opportunities and experience in conducting research in radiology  
- To have each resident complete an independent research study prior to completion of proper residency training  
- To have each resident present at least one oral paper or poster at a regional or national meeting  
- To have each resident publish or have in press a paper in a referred journal  

PRACTICE-BASED LEARNING/SYSTEM-BASED PRACTICE  

- To offer a monthly conference on research methods and data analysis following the outline and curriculum in the attached document  
- Establish a "Research Rotation" where each radiology resident will have a one-month rotation devoted to research in order to meet Goal 2 above. During the rotation the resident would be expected to accomplish the following:  
  o Design a research study  
  o Prepare a literature review for the research topic  
  o Collect preliminary data  
  o Perform an initial data analysis  
  o Prepare an abstract of the work  
  o In the subsequent years the resident will either continue working on the initial project or begin a new project with final result being at least one publishable paper  
  o Residents will work with a "research mentor" during this rotation in conjunction with
the radiology department research scientist