Resident Research Opportunities

Two types of research opportunities for residents exist. The first of these is research done in collaboration with faculty during the core rotations. Due to the intensive nature of core rotations, this type of research requires a commitment of the resident to night and weekend activities. In addition time may be spent on research oriented electives in either Clinical or Anatomic Pathology during the Fourth Residency Year in Pathology. Residents desiring to complete the "Fifth Year" requirement of the American Board of Pathology may do so by electing a year of clinically-related research in one of these rotations. Funding from departmental sources up to the amount of $2,000 for supplies and other consumables are available upon written request to the Chairman. Residents funded for research are expected to complete the work and to present and/or publish the work in a reputable peer-reviewed forum. Failure to do so may compromise future availability of departmental research funds to the involved individual. (See Partial Listing of Faculty with Research Interests).
Anatomic Pathology Research Elective

Director: A. J. Hough, Jr., M.D. or designee

Co-Director: B.R. Smoller, M.D.

Site: Variable according to project selected

Length: 3 to 6 months; longer periods possible during "5th year experience required by ABP"

Goals and Objectives

1. Develop understanding of the principles of experimentation including formulation, planning, experimental design, data collection, statistical analysis, and illustration of findings.

2. Resident will submit a research plan to the Chairman prior to assignment of resources to the project.

3. Become familiar with at least one research level technique applicable to anatomic experimental pathology.

4. Carry the experimental project through to completion as signified by presentation of the data and/or publication in an appropriate peer-reviewed journal.

Means of Evaluation

1. Research will be presented at Residents Conference (Tuesday, 12N), reviewed by the faculty sponsor, and presented to the Chairman

2. Resident, sponsor, and chairman will review critique received from external peer-review.

3. Standard departmental evaluation form will be completed by both the resident and the faculty sponsor for review after completion of the project.

Resources Available
1. Space, technical, and secretarial support will be available—after approval of the project by the Chairman.

2. Departmental monies will be appropriated after approval. Amounts up to $2,000 would be usual. Greater resources will be available to residents who have previously completed meritorious research projects.

3. The department will fund a trip to a national meeting for the purpose of presenting the data.

**Elective Research Rotation in Clinical or Anatomic Pathology**

**Eligibility:** 4th or 5th year residents by arrangement.

**Person in Charge:** Louis M. Fink, M.D., Professor and Vice-Chairman

**Faculty Responsible for Training:** Pathology research staff selected by resident.

**Length of Rotation:** 2 to 12 months by permission of Program Director.

**Goals and Objectives:**

1) Develop expertise in at least one advanced research technique with potential application to diagnostic pathology.

2) Develop expertise in planning, carrying out, and evaluating experiments under supervision.

3) Learn application of basic statistical techniques in evaluating data.

4) Bring data and conclusions to presentation or publication in a national forum.

**Method of Evaluation of Rotation:** Standard departmental form.

**Method of Evaluation of Resident:** Standard departmental form and semi-annual review with the Program Director.

**Resources Available:**
1. Space, technical, and secretarial support will be available after approval of the project by the Chairman.

2. Departmental monies will be appropriated after approval. Amounts up to $2,000 would be usual. Greater resources will be available to residents who have previously completed meritorious research projects.

3. The department will fund a trip to a national meeting for the purpose of presenting the data.