

Research in Residency Guidelines

Yale Primary Care Internal Medicine Residency Program

Overview

We encourage all residents to conduct hypothesis driven research during their residency years. This scholarship can derive from bench research, curriculum development in an educational setting, or through clinical research. Being able to generate and test hypotheses are critical to the role of a clinician.

Program Goals

The Residency Program aims to help all residents in starting and completing their research pursuits. As such we will provide:

- i. Elective time to complete research projects.
- ii. Names and contact information of faculty willing to mentor residents on research projects.
- iii. A formal method of requesting to work on research.
- iv. Information on how and where to present your research in a local or national setting.

Resident Responsibilities

- i. Talk with your residency advisor and program director about your scholarly interests.
- ii. Review the “Research in Residency Booklet” for tips about finding a project and mentor.
- iii. Talk with prospective mentors about potential projects before identifying your project.
- iv. Complete required Research in Residency paperwork including your faculty research mentor’s signature and submit **via email** to Eydie Sirica (esirica@wtbyhosp.org) in the Primary Care Office at Waterbury Hospital **and** Donna Windish (donna.windish@yale.edu).
- v. Obtain necessary Human Investigation Committee approval.
- vi. Submit an end of year progress report of your research to date. This should include a summary of any presentations done to date, anticipated presentations, and any pending or completed publications. Please review this with your research mentor before submitting. Please see Yearly Research Summary Guidelines.

THIS IS DUE BY MAY 31st EACH YEAR!

- vii. Present your work at least during Research in Residency and aim to present at local and regional society and professional meetings as well.

When Can I do Research in Residency?

You must have completed paperwork at least 2 months prior to participating in a research elective block. The chief residents will not be able to schedule research electives without this completed paperwork.

You may conduct research during your elective blocks up to 2 blocks per year.

You may also conduct research ½ day per week during your ambulatory block time. This cannot happen during subspecialty electives, however.

Getting Started

Once you have a mentor and project area identified you need to complete a research proposal. See following pages.

Research Proposal Guidelines

In order to have research elective time, you must submit a research proposal. This proposal should be developed under the guidance of your faculty mentor.

The overall length of the proposal should not exceed 3 pages (1 inch margins, 12 point font) and **must** adhere to the following structure.

I. Title of proposal

Please provide as descriptive of a title as possible for your proposed project.

II. Specific Aims and Hypotheses

List the aim(s) for your research project. Include a hypothesis for each aim that reflects your anticipated result.

III. Background Information

Briefly describe what has been done in this area and how your proposed research adds to this work. You may include any preliminary data.

IV. Research Methods

Describe how you will conduct your study. Include at minimum: study design, setting, study subjects, main outcome measures, and analyses.

V. Timeline of Research Project

List what you plan to accomplish during your research time. You can put this in tabular form or in paragraph form.

VI. Literature Cited

List only those references used in your research proposal.

VII. Completed Signature Form

PLEASE SEE SAMPLE RESEARCH PROPOSAL AS A GUIDE.

Yearly Research Summary Guidelines

Deadline for submitting the Yearly Research Summary is May 31st each year. The summary must be signed by both the resident and research mentor. Please **email** your summary to Eydie Sirica (esirica@wtbyhosp.org) **and** Donna Windish (donna.windish@yale.edu) no later than May 31st.