

INTERNAL MEDICINE THREE-MONTH RESIDENT RESEARCH ELECTIVE APPLICATION

It is anticipated that up to one three-month resident research elective application will be approved for each academic year although more than one three-month research rotation may be granted at the discretion of the Internal Medicine Research Council and subject to the approval of the Internal Medicine Program Director. These three-month research rotations are generally designated for residents committed to further research training and may leverage additional funding sources (e.g. foundation grants or internal divisional support).

This application must be completed in full and returned with all support materials to the Internal Medicine Research Committee in care of Shannon Thomsen (Shannon.thomsen@unmc.edu zip 3332) by 5pm on Feb. 18, 2022.

Please note that residents completing three-month research rotations will be required to present their work in-person to the Internal Medicine Research Council following completion of the rotation. Priority will be given to applications proposing completion during the 2nd and 3rd year of residency.

Submission checklist:

- Completed application
- Reviewed "How to Write a Specific Aims Page" and "Preparing a Research Proposal Video"
(Your initials confirming completion) _____
- Research plan
- Detailed** letter of support from your mentor (please limit to two pages)

APPLICATION

Your name: _____ Date: _____

Name of mentor: _____

Mentor's division: _____

Preferred months of the next academic year in which research elective will be completed: (Note: timing should be confirmed in mentor's letter) _____

If the application is not accepted for a three-month rotation, would the applicant and mentor like this to be considered for a one-month rotation? (circle one) YES NO

Your mentor's initials (required) _____ indicate that he/she will be available for the majority of the requested time.

The division chief's initials (required) _____ indicate that he/she has reviewed the time commitment required by the faculty mentor and approves of this project.

Internal Medicine program director's initials (required) _____ indicates approval, should you be selected, for a guaranteed three-month period of protected time to complete a meaningful research project.

IRB application has been (circle one): Submitted Approved - IRB number: _____

N/A (explain why) _____

RESEARCH PLAN

Research topic / title: _____

Funding for the project (e.g. division, mentor's grant, trainee grant, other): _____

Please summarize your research plan (five-page limit, not including references). **The research plan should be formatted as follows:**

1. Specific aims and hypotheses to be tested
 - The specific aims should communicate the goals and objectives of the research and should clearly articulate the hypotheses that will be tested.
2. Background and significance
 - The background and significance section should be brief and set up the question to be answered, why it is important and why you are the person to do it.
 - Any preliminary data should be included in this section.
3. Methods
 - The methods section should include analysis plan and sample size considerations as appropriate.
 - Detail how you will answer the research hypothesis and specific aims. Include what resources you will need and how you will obtain them.
 - Include a detailed description of the data you will collect and how you will store and analyze it. A power calculation should be included if applicable.
4. Timeline
 - Include an outline of your anticipated timeline for completing your research project, including weekly and monthly goals
5. Anticipated results
 - The anticipated results section should briefly comment on the importance of both positive and negative findings and how this information will further your research.
 - Comment on your personal goals for this rotation. This can include how you see this rotation fitting in to your future career plans, etc.
6. Dissemination plan
 - A brief dissemination plan should be provided, detailing plans for presentation and publication of results from mentored research project.

ATTACH DETAILED LETTER OF SUPPORT FROM YOUR MENTOR (limit to two pages)