

Resident Research Expectations 2016-2017

The Resident Research Advisory Committee (RRAC) is the oversight committee of the resident research years, and is headed by Dr. Grogan. The goal of this committee is to ensure smooth transitions between the clinical and research years, to help residents develop the skills needed to be successful academic surgeons, and to document the progress of research residents. In line with this the research block time is designed to develop the skills needed to be a successful academic surgeon while gaining a deeper understanding of a particular subject. The requirements as set out below are a reflection of these goals, and are meant to serve as a roadmap for academic development. The research block is meant to be a two-year period of time dedicated to developing these skills.

Prior to Beginning Research Years

1. Meet with Dr. Grogan in January of the year prior to going into the lab
2. Meet with minimum of three PI's to discuss lab opportunities
3. Select a lab by July 1 of the year prior to going into the lab
4. Apply for additional coursework if applicable by the following deadlines in the year prior to starting the lab:
 - a. Masters in Public Health Sciences or Bioinformatics (December 1st)
 - b. ACS-Maclean Center Surgical Ethics Fellowship (February)
 - c. MERITS (March)
 - d. SPORT (May)
5. Log all surgical cases in the ACGME case log system before July 1st
6. Have completed the requirements for a permanent IL state license and receive the licensing by September 1st of the first lab year
7. The final decision on lab assignments will be made by Drs. Grogan and Roggin. While we hope to be able to offer research fellowships to all of our categorical general surgery residents, we consider this opportunity a privilege and not a right of our program. Due to scheduling issues related to the residency, some resident may have to delay their research fellowships until the end of their PGY3.

At the Start of Research Years

1. Each resident must complete all NIH required coursework for Protection of Human Subjects and Conduct of Ethical Research. This includes completing the CITI modules required by the University of Chicago IRB and/or the NorthShore IRB.
2. Create and maintain a personal Google Scholar profile (scholar.google.com).
3. Create and maintain a NIH style biosketch (to be reviewed at each six month meeting with lab mentor).

During Research Years

1. Attend the Summer Grant Writing workshop and fulfill all of the requirements of the course. This will take priority over all other research responsibilities.
2. Submit at least one application for research funding opportunity to support their personal research project or salary by the end of the Summer Resident Grant Writing Workshop
3. Submit at least one abstract each year to a local/regional or national meeting
4. Submit at least two publications per year (total of four) for publication; any combination of basic science, clinical reviews, or book chapter is acceptable. At least one scientific manuscript must be published if the resident is in a basic science laboratory.
5. Submit one abstract to the Charles Huggins research symposium per year of research fellowship
6. Provide the RRAC with an updated copy of your CV every six months. Your progress will be reviewed at a biannual meeting scheduled with Drs. Grogan and Roggin.
7. Provide the RRAC with a spreadsheet of all grants applied for, both funded and not-funded

8. Take the ABSITE in January of each year
9. Have formal meeting with their lab mentor every six months with documentation of their progress sent to the RRAC and PD on an annual basis (January of each year)
10. In addition the following activities are not required but are highly encouraged as a way of being exposed to activities typical of an attending academic surgeon
 - a. Attendance at the monthly Chicago Surgical Society meetings (paid for by the Department)
 - b. Submission of an abstract to the yearly Chicago Surgical Society Resident Research Scientific Program (December of each year)
 - c. Presentation of research to visiting professors
11. Progression to the second year of research or any requests for an extension of the research fellowship will be based on scientific merit, the resident's career plan, and the proposal's competitiveness relative to simultaneous requests.
 - a. The RRAC will conduct a formal review of your progress at the end of your first year in the lab. In order to continue in the second year of research all of the expectations below must be met.
 - b. In the event that the resident requests to change labs or significantly alter their original research plans, the RRAC will formally review this request and consider it versus other proposals.
 - c. If a research resident requests an extension of their fellowship (e.g. MBA, PhD) this will be considered by Drs. Roggin and Grogan.

Meeting attendance requirements:

1. All weekly laboratory meetings
2. All Resident Research in Progress meetings (second Tuesday of each month in O-224).
3. All visiting professorship lectures
4. Attend at least 75% of the following required General Surgery Conferences:
 - a. Wednesday Education Morning (M&M, Grand Rounds, ABSITE).
 - b. Professor's Hour (Thursday, 4-5 pm).
 - c. Surgical Oncology Conference (Thursday, 5-6 pm).

Clinical Responsibilities at UCMC During Research Years

1. Each resident will perform no more than 36 hours of clinical shifts (SICU coverage and/or transplant procurement call) each month
 - a. Designated administrative research resident will be responsible for organizing the scheduling
 - b. Any grant awarded to the resident to support their personal research project or salary, as well as grants to which the resident has made a significant contribution, will exempt the resident from unpaid coverage of these shifts
2. Assist with coverage of clinical services (rounding, OR) when there are emergencies resulting in inappropriate coverage.
3. Assist with coverage of senior resident (fourth and fifth year only) flex vacation time
 - a. Each lab resident will be paired up with a PGY4 or PGY5 resident to cover their 2wk flex vacation time (e.g. interviews, meetings, time off)
4. Research residents are excused from participation in Thanksgiving and December holiday coverage. The days taken off during the holiday period will count toward the one-month a year of allowed vacation time.
5. Moonlighting at outside institutions is permitted as long as research residents remain in good standing and have fulfilled all other requirements. Failure to meet the publication requirements, poor performance on ABSITE examinations, and/or not meeting the mandatory conference attendance requirements (75%) will result in suspension of moonlighting privileges.