

Educational Objectives and Expectations For the Otolaryngology Research Rotation

Introduction: All Otolaryngology residents are provided with a four month, in-depth research experience during the PGY-3 year. Preparation for this rotation begins in the PGY2 year.

Curriculum

Reading Assignments:

1. Thorough review of the literature on the research topic.
2. Review of statistical methods.

Conferences:

Journal Club Conference on Outcomes Research
Conference on Research Ethics

PGY2 Research Rotation Goals:

- Develop a general fund of basic science and clinical knowledge regarding basic science research
- Identify a research mentor
- With the assistance of the research mentor, identify an area for scientific exploration
- Generate a mini protocol for this area of research in the format of a NIH proposal
 - Should include research question, hypothesis, specific aims and experimental protocol.
- Give a 10 minute presentation summarizing the specific research aim and objectives for the PGY3 research rotation
- Obtain the necessary approvals from the IRB and/or IACUC
- Conduct a thorough review of the literature in the selected area of research

PGY3 Research Rotation Goals:

- Learn and/or understand the basics of statistical methodology
- Learn the appropriate procedures and skills need for the selected research project
- Learn how to prepare and present the results of a research project
 - Give a 10 minute presentation during the rotation to provide an update on the progress of the project.
 - Give a 20 minute presentation at ENT Research Day summarizing the project and findings
 - Present their completed project results at the NEO Otolaryngology Head and Neck Surgical Society research meeting
- Prepare a written manuscript summarizing the results of the research project