

6 Month Research Rotation (for those fellows who choose a 2-year track)

Goals

- To gain understanding about the design and conduct of basic or patient-oriented research projects
- To become knowledgeable in study design, data or sample collection and various measurement techniques, biostatistics, and biomedical ethics (including institutional review board related issues) related to patient-oriented research.
- To become proficient in analyzing nephrology research publications
- To have first-hand exposure to basic or patient-oriented research
- To gain experience in presentation of research activities

Summary:

In the second year of your fellowship, you will have 6 months of continuous time devoted to research. This will occur either in the first or second 6 months of the second year. The clinical fellows in the 2-year track are expected to participate in basic or patient-oriented research protocols, although projects with translational aspects are preferred for basic science.

Research opportunities are numerous and varied in the Division of Nephrology ([see a sample of ongoing projects here](#)). They include opportunities to do translational research with our renal or other basic research faculty, clinical research with the nephrology clinical research faculty (Clinical Trials, Translational Research, Epidemiology/Health Services Research) or other clinical faculty or to do a series of case reports and related reviews of the literature, again under the guidance of a faculty member.

In order to participate in many of these research projects Collaborative Training Initiative Course training is required. Prior to the start of the 6 months of research a project should be selected. If CITI training is required, complete the course at <https://www.citiprogram.org/>

In addition there will be an optional opportunity for a fellow to follow a shift of dialysis patients at The Village at Vanderbilt. The fellow needs to let the program director know in advance if they are interested in this.

In order to successfully complete the nephrology fellowship, either the two year or three year program, the fellow must submit by the time they complete the program a manuscript for publication. This can either be an original research work, or a series of case reports and associated review but it must be a manuscript submitted to a peer reviewed journal.