3-Year Basic Science Research Track

Goals

- To gain an in-depth understanding of basic research projects
- To obtain structured basic research training.
- To conduct basic research project(s) with direct hands-on involvement
- To conduct a basic research project that results in a peer-reviewed scholarly publication (original research article).
- To submit an intra- or extramural fellowship grant application

Summary:

Fellows also have the option of doing 12 months of clinical rotations and 2 (or more) years of additional basic research training. The decision to allow a fellow to pursue a basic research pathway will be contingent upon fulfilling the competency for clinical fellowship and the potential for future career as a physician scientist.

During the research fellowship, the basic research project(s) will be defined by the faculty mentor and completed by the fellow during his/her research tenure. There are basic research-training opportunities outside the Nephrology division as well as opportunities to get a Masters in Public Health (MPH) or Master of Science in Clinical Investigation (MSCI) for those fellows who have a keen interest to develop those highly specialized skills. It is required that a nephrology faculty mentor be involved in any project done by a nephrology fellow although it can be in collaboration with a mentor outside the renal division.

Vanderbilt Center for Matrix Biology: https://www.vanderbiltmatrix.bio

More information from the Vanderbilt Center for Kidney Disease: http://www.vckd.org/research#pages