

Postdoctoral Fellowships

The T90/R90 postdoctoral track includes three categories:

1. Traditional post-Ph.D. basic science training.
2. Post-D.M.D. training.
 - 2a. Post-D.M.D. interested in Biomedical Science Ph.D. training
[Ph.D. track requirements](#)
 - 2b. Post-D.M.D. interested in advanced basic science research training, but not seeking a Ph.D. degree.
3. Post-D.M.D. or post-Ph.D. interested in clinical and translational research training

Traditional Post-Ph.D. Postdoc

Trainees who enter the program with a Ph.D. will focus largely on advanced research training with their mentors and training for an independent research career.

Post-D.M.D. Trainees

We anticipate that trainees in this category will have various backgrounds and career goals. Therefore, each program will be custom designed based on their individual experiences and needs. Trainees who undertake postdoctoral research training without a Ph.D. or extensive research training may need additional formal training. They will audit graduate level courses in Biomedical Science as appropriate for their background and their research project. Post-D.M.D. trainees interested in Ph.D. training can also be supported.

Post-D.M.D. or Post-Ph.D. Clinical and Translational Research Training

This track provides opportunities for both D.M.D.'s and Ph.D.'s interested in training in clinical and translational research. Depending on their previous training, candidates may need further didactic training in this discipline and could enter the two-year [Master of Science in Clinical and Translational Research \(MSCTR\) Program](#).

Research and Training Plan

Each postdoctoral trainee will have a primary mentor, at least one additional scientific mentor to be selected by the trainee and primary mentor, and an appropriate representative from the T90 Steering Committee. As part of the T90 application process, the trainee, with the guidance of the mentor, will prepare a research prospectus (similar to a grant application) that will include background, specific aims, experimental approaches to be used, a research timetable, and appropriate references. This initial research prospectus serves as a guide for the research

project. The trainee and mentor will also prepare an individual development plan (IDP), describing the activities that will prepare the trainee for an independent career. This plan could include course work, development of writing and presentation skills, training in mentoring students, preparing grants, lab management, and participation in scientific conferences.

Postdoctoral trainees (citizens or permanent U.S. residents) will, in their first year of support, either prepare and submit an F32 application or write a research grant application that is at or near a stage of readiness for submission.

Core Activities

To provide a solid, common foundation, all T90 trainees, including all postdoctoral trainees, participate in core activities. In addition to providing important training elements, the core activities provide opportunities for both formal and informal interaction between trainees in various disciplines, in all training tracks, and at various stages in their training. Please see our [core activities](#) for more information.

Application Process, Support

Candidates interested in postdoctoral training support from the T90 must first identify and be accepted into the laboratory of a [T90 mentor](#). Once working in the laboratory, the mentor and the candidate together apply for a T90 when the availability of positions is announced. As an NIH-funded program, applicants must be citizens or permanent U.S. residents. We also have one postdoctoral position for a foreign trained dentist that is supported by the R90 training program. Applicants for this position must be foreign and NOT a citizen or permanent U.S. resident.

Trainees receive a stipend and financial support covering health insurance, limited research related expenses, and travel.