

## Mentorship Planning

Fellow-to-faculty career planning is integral to the “Cardiovasology” Program, and is designed to:

- focus on career development
- facilitate transition from trainee to faculty
- and foster extramural funding earlier in a research career trajectory.

## Key Outcomes

Key success of the training program and its mentorship guidance will be measured by trainee’s performance annually.

Trainee Outcomes

- Publishing two or more peer-reviewed papers per year of training
- Presentations at national meetings
- Submission of an NIH K series (e.g., K01, K08, K23, K99) grant or equivalent
- Summary of accomplishments with presentation of application for academic faculty positions
- Documentation of acquired skill sets including innovation/entrepreneurial know-how
- Success in post-training placement and academic advancement, including fellow-to-faculty transition, long-term record of extramural funding and leadership.

## Contact Us

NIH “Cardiovasology” Training Program  
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## NIH Training Grant in “Cardiovasology”



## Candidate Information

**MAYO CLINIC** | [mayoclinic.org](http://mayoclinic.org)  
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## Eligibility & Duration

The Postdoctoral NIH T32 Training Grant in “Cardiology” at Mayo Clinic is led by program director, Dr. Andre Terzic, and is offered for a minimum of 2 years and up to 3 years for qualifying U.S. citizens or permanent residents.

## New Candidate Trainee Objectives

The goal of the “Cardiovasology” Training Program is to prepare trainees for future careers as independent, extramurally-funded investigators.

Training in the “Cardiovasology” Program offers:

- Rigorous, comprehensive and multidisciplinary curriculum with didactic education
- Hands-on training with an established investigator &/or investigative team
- Acquisition of proficiency in state-of-the-art technologies
- A customized experience with engagement in evolving areas of science to best equip and meet the career goals of the individual learner
- Attendance &/or contribution to educational activities such as:
  - Conferences, seminar series, grant writing, public speaking, responsible conduct of research and bioethics

## Training Topics

Trainees engage in faculty-directed programs and acquire new skill sets that will differentiate them for long-term careers in cardiovascular science. Cross-departmental opportunities are coordinated within collaborative faculty

projects. Multispecialty training experiences are deployed at various learner levels and rely on high-functioning teams to complement the ultimate learning experience.

Opportunities for Training	
<b>Discovery Sciences Track</b>	Developmental biology, genomics & genotypes-phenotypes, bioengineering & biomechanics, regenerative pharmacology, molecular imaging and cardio-vascular renal pathobiology
<b>Translational Sciences Track</b>	Cardiovascular homeostasis, hemodynamics, disease pathways, biomarkers & drug discovery, engineered biologics, ventricular dysfunction, valvular biology and disease pathways
<b>Clinical Sciences Track</b>	Integrative human physiology, congestive heart failure, pulmonary hypertension, renovascular disease, congenital heart disease, surgical interventions, clinical imaging modalities and robotics
<b>Population &amp; Outcome Sciences Track</b>	Genetic & heart failure epidemiology, aging & frailty, community outcomes, pharmacogenomics, clinomics, artificial intelligence, device therapies, remote monitoring and health care utilization

## How to apply for a “Cardiovasology” Training Slot

Trainee candidates formally apply for consideration through the Program Director/Associate Directors/Program Manager or directly through faculty of the “Cardiovasology” Program.

To facilitate applications the following avenues are available for candidates to inquire:

- A T32-dedicated external portal is available by the Office of Post-Doctoral Affairs at Mayo Clinic <https://www.mayo.edu/research/training-grant-positions> website.
- Nominations may also come from former clinical/research mentors, project supervisors, residency or fellowship program directors.

Candidates will be considered at various levels of their career trajectory and with various prior experiences provided that they have completed their respective graduate or medical training.

## Application Process:

- 1 Submit CV, Letters of Recommendation, Career Goals Statement, and Mentor Support Statement.
- 2 Applications, including the candidate's credentials, will be pre-evaluated to ensure candidates meet criteria for consideration.
- 3 The Program Director will submit nominations to the Executive Committee where it will undergo peer-review to determine suitability for appointment.
- 4 The Executive Committee ranks candidates according to credentials and potential for independent research careers. Emphasis is placed on selection of candidates who have demonstrated commitment to academic research judged by scholarly record, quality publications in peer-reviewed journals, statement of career goals, letters of recommendation, and interview outcomes.
- 5 Selected candidates are offered two-year appointments with annual review. A third year can be extended subject to demonstrated productivity and competitiveness compared to the incoming candidate pool.