The Division of Intramural Research (DIR) of the National Heart, Lung, and Blood Institute (NHLBI) is seeking to recruit a Staff Scientist with expertise in interventional cardiovascular catheter device engineering to join the Laboratory of Cardiovascular Intervention within the Cardiovascular Branch of the NHLBI: https://www.nhlbi.nih.gov/science/cardiovascular-intervention. The Laboratory of Cardiovascular Intervention creates new catheter devices and techniques to treat heart, vessel, and valve disease, and then introduces them into patients with structural heart disease. The devices are operated under X-ray, real-time MRI, and ultrasound guidance. The Laboratory is part of an environment where scientists and physician scientists work together to bridge bench and bedside. The position offers exceptional opportunities for interdisciplinary collaboration within and outside of the NIH.

Candidates should possess an outstanding track record of achievement, expertise and experience in cardiovascular and radiofrequency device engineering, modeling, prototyping, testing, and manufacturing in the context of early-stage quality management. Incumbents work closely with interventional cardiologists, imaging specialists, imaging physicists, and device engineers to develop mature prototypes which are then suitable for transfer to manufacturing for first-in-human testing. Incumbents have experience in cardiovascular magnetic resonance, and an aptitude for investigation of novel approaches to structural heart interventional procedures. Applicants must have a PhD. Salary is commensurate with research experience and accomplishments.

The research is funded by the intramural research program and does not require applications for grants or external support.

Appointees may be US citizens, resident aliens, or non-resident aliens with or eligible to obtain a valid employment authorized visa.

Applications from women, minorities and persons with disabilities are strongly encouraged. Applicants should submit the following: cover letter highlighting key qualifications and long-term career goals; current curriculum vitae with complete bibliography; and three letters of reference (via email only) to:

Maria Gonzalez-Stoltzfus
gonzamar@mail.nih.gov

The review of applications will begin on rolling basis as complete application packages are submitted. Applications will be accepted until the position is filled. Please clearly identify which position/lab you are applying to.

DHHS and NIH are Equal Opportunity Employers. Positions are subject to a background check

The NIH is dedicated to building a diverse community in its training and employment programs