



CardioVascular Institute

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The Mark E. Josephson Training Scholarship in Electrophysiology

We would like to announce a new cardiac electrophysiology fellowship scholarship at Beth Israel Deaconess Medical Center (BIDMC), Harvard Medical School (HMS): *The Mark E. Josephson Scholarship in Electrophysiology*

This fellowship includes a 4-year program of combined electrophysiology research and ACGME- accredited clinical fellowship in Cardiac Electrophysiology. The scholarship is directed toward certified cardiologists with a strong clinical and research background interested to develop an academic career in electrophysiology.

The research fellowship focuses on the study of arrhythmia mechanisms in large animal models, and the development of novel technologies for mapping and ablation. Scholars will have the opportunity to develop strong research skills in translational electrophysiology, work in a multidisciplinary environment that combines cardiac imaging, computer modeling, pathology, and clinical engineering. Candidates will participate in preclinical studies of new technologies and will have the opportunity to continue this work with early human experience. The research fellowship will provide a strong foundation for the clinical fellowship in Electrophysiology.

Scholars will continue with 2 additional years of ACGME-accredited clinical fellowship in Cardiac Electrophysiology. Trainees will develop expertise in clinical electrophysiology, including fundamental understanding of electrocardiography, intra-cardiac electrograms, and mechanisms of arrhythmia. In addition, trainees will develop proficiency in complex ablation techniques, including treatment of atrial fibrillation, complex atrial flutters, and ventricular tachycardia (endocardial and epicardial). In addition, fellows will be trained in lead management procedures, including implantation of leadless pacemakers, and lead extraction.

Research fellowship support will be provided at the NIH equivalent of PGY7 and as a full BIDMC clinical fellow during the clinical years. One position will be offered per fiscal year with the first opening available for July 1st 2018.

Selection of appropriate candidates for this prestigious fellowship will follow two-steps: initial screening by the working group of pacing and electrophysiology of the Israeli Heart Society; followed by an interview with the program directors at BIDMC.

We are happy to offer this scholarship, and help promote the excellent patient care provided by the members of the Israel Heart Society.

Sincerely,

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