

John Bardeen Engineering Fellowship Committee Charter

The John Bardeen Engineering Fellowship Committee is responsible for providing the Fermilab Director with recommendations for the awarding of John Bardeen Engineering Fellowships at Fermilab. The committee is appointed by the Fermilab Director and is composed of representatives from the Accelerator, Particle Physics, and Technical Divisions, with participation from the other divisions and sections as deemed desirable. Committee members are appointed to a three year term, renewable by mutual consent. The Associate Director for Accelerators will serve as a non-voting observer on the committee and as the liaison to the Director's Office.

Goal

The goal is to identify and attract outstanding engineers, early in their careers, into the scientific/technical divisions at Fermilab, both to enhance Fermilab's capabilities in accelerator related technologies and to train the accelerator technology engineers who will carry our field forward in the future.

Guidelines

The Bardeen Fellowship program targets entry level engineers with graduate degrees and experience or interests in technologies critical to Fermilab's mission. The committee is asked to consider candidates with a Masters or PhD degree with accompanying thesis research, and within one year of receipt of their degree at the time of application.

The committee is asked to operate under the general guidance of maintaining an average award rate of one-to-two per year. The committee will be afforded some latitude in awarding two fellowships in years in which multiple outstanding candidates are identified, presumably while maintaining the long-term average award rate indicated above.

Process

The committee is asked to implement a process that will identify outstanding candidates for this position. Publicity should target URA institutions, but candidates from non-URA institutions should be considered on an equal basis. John Bardeen Engineering Fellows are expected to be given some latitude for independent research in their area of engagement if so inclined. It is expected that candidates will discuss areas of engineering interest during the selection process.

It is the responsibility of the John Bardeen Engineering Fellowship Committee chair to forward recommendations for awards to the Fermilab Director accompanied by a complete package of documentation supporting the recommendation. The Chair is also responsible for maintaining a record of unsuccessful applications and documentation of the reasons for a non-recommendation.