Fellowships for Diversity Recruitment through Education and Mentoring (DREAM) in Medical Physics

Mentor Application

Diversity Recruitment through Education and Mentoring (DREAM)
Summer Undergraduate Fellowship

10-week summer research or clinical experience in medical physics Summer 2014

The American Association of Physicists in Medicine (AAPM) is pleased to announce the availability of its Diversity Recruitment through Education and Mentoring (DREAM) program in Medical Physics for 2014. The program is designed to increase the number of underrepresented groups in Medical Physics by performing research or assisting with clinical service at a U.S. institution (university, clinical facility, laboratory, etc). The charge of DREAM is specifically to encourage students from underrepresented groups either from Historically Black Colleges and Universities (HBCU), Minority Serving Institutions (MSI) or non-Minority Serving Institutions (nMSI) to gain such experience and apply to graduate programs in medical physics.

Medical Physics is a creative, expanding, and rewarding profession for the young scientist about to choose a career. Most large medical centers employ academic-based medical physicists, and many smaller hospitals and clinics are seeking well-trained, qualified medical physicists. Medical physicists are required to have an M.S. or Ph.D. degree, and it is estimated that there are approximately 7,074 AAPM members practicing medical physics in the United States and Canada.

The mission of the AAPM is to advance the practice of physics in medicine and biology by encouraging innovative research and development, disseminating scientific and technical information, fostering education and professional development of medical physicists and promoting the highest quality medical services for patients. This program supports this mission by introducing bright young scientists to the field of medical physics through summer fellowships.

Complete the application and Required 250 word abstract. Save as a PDF and process upload.

For more information, contact Jacqueline Ogburn at:
Phone: (301) 209-3394 Fax: (301) 209-0862 E-mail: jackie@aapm.org

http://www.aapm.org

Completed Application Receipt Deadline: February 03, 2014
American Association of Physicists in Medicine
Mentor Application
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1. Qualifications- Each fellow must have a mentor. Each mentor shall be a faculty medical physicist in a university environment, a person working in a medical physics related field or a qualified medical physicist. It is preferred that the mentor be a full member of the AAPM. Each mentor shall be employed by a university, a research facility, a hospital or clinical facility, or a radiological industry within the United States. Each mentor will be required to submit a signed Indemnity Agreement to the AAPM.

2. Mentoring Period- The mentor must specify a period of 10 weeks during the summer academic period (May to September), during which the mentor can be responsible for the supervision of the undergraduate student fellow.

3. Application Process- Potential mentors should complete, sign, and return the attached application to AAPM Headquarters by the requested deadline.

4. Criteria for Evaluation- Mentors are screened and selected by the Minority Recruitment Subcommittee. The Subcommittee selects mentors who offer an opportunity for a relevant research project or clinical experience in medical physics. In making that assessment, the Subcommittee evaluates the appropriateness of the project for junior or senior physics students (or equivalent), the qualifications and abilities of the mentor, the appropriateness of the laboratory and clinical facility for the proposed project, and the availability of administrative support, e.g. housing, etc. Student interest in the project and geographic location of the institution play a large part in the selection process. Mentors are expected to be present for the great majority, if not all, of the student's summer experience and have time to devote to the mentoring process. They are also expected to have a well laid out program of clinical and/or research experience suitable to being accomplished by an intelligent undergraduate within a 10-week period. Fellows typically have no previous medical physics experience but do have mathematics coursework training through differential equations and physics coursework training through modern physics. Unexpected or unavoidable absences of the mentor require that adequate substitute professional coverage of mentor activities be provided for the fellow.

5. Fellow Travel and Accommodations- All summer fellows will be responsible for obtaining and paying expenses for travel to and from the summer work site, for living expenses, and any other personal expenses. However, the host institution and mentor can assist the fellow by providing housing information.

6. Fellow Remuneration- The summer fellow will receive a stipend of $4,000 from the AAPM for the 10-week period. This is not a salary; it is meant solely to subsidize students so that they may participate in the program. There are no other benefits. The summer fellow is responsible for health or any other insurance. The mentor is encouraged to proactively work with the host institution’s administration to establish a process for summer fellow remuneration ahead of their arrival.

7. Fellow Insurance- The AAPM will not provide any form of insurance coverage for the Fellow at any time and specifically will not provide any insurance coverage for the Fellow while they are working and in residence at a host institution for their summer experience. The mentor is encouraged to work proactively with the host institution to establish appropriate insurance coverage for the Summer Fellow ahead of their arrival. This might be achieved for example by the institution designating the Fellow as a “worker”, “student trainee”, “volunteer” or other appropriate personnel category.
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2014 Diversity Recruitment through Education and Mentoring (DREAM)  

Application Deadline: February 03, 2014

I. Personal Data (please print all information)

Name: ______________________________________________________

Current Mailing Address: ______________________________________

____________________________________________________________________

Phone: (_____) ___________________ Fax: (_____) ___________________
E-mail: ________________________________________________________

II. Mentor Qualifications

Membership status of AAPM: _____ Full  _____ Other:_______________

Employer: ______________________________________________________

Employer type (check one): _____ University  _____ Clinic  _____ Industry

Mentor titles: _____________________________________________________

Board certifications: _____________________________________________

III. Work Experience Proposed

Program (check one): _____ Research Lab  _____ Patient Clinic

Discipline (check one): _____ Radiation Therapy  _____ Diagnostic Imaging

_____ Nuclear Medicine  _____ All are acceptable

Earliest start date: ______________________  Latest end date: ______________________

☐ Check here if you would like to be contacted by Fellowship applicants who have not received an award as your institution may consider funding of a summer medical physics intern as a private arrangement.

IV. Description of Proposed Project (attach 250 word abstract) *REQUIRED*

Project Title: _____________________________________________________

V. Availability of Housing

Indicate the specific help you will provide to the Fellow in locating suitable temporary accommodation.
VI. Statement of Accuracy

The information provided on this application is true and complete. If deemed otherwise, I understand that the AAPM can withdraw the fellow within 7 calendar days of receipt of written notice of same.

Signature _______________________________________                  Date _______________

VII. Statement of Employer Support

The applicant’s employer and host institution support the application of this mentor for the AAPM Summer Undergraduate Fellowship Program. Employer resources, such as space, equipment, supplies, etc. are available to ensure the summer fellow can successfully complete the proposed project. The employer will be responsible for ensuring that any summer fellow under its employee’s (mentor’s) supervision will be knowledgeable of institutional and governmental policies and laws that apply to the fellow, particularly those related to radiation, electrical, chemical, biohazards, and fire safety.

The host institution and employer agrees to indemnify and hold harmless the American Association of Physicists in Medicine (AAPM) from any and all claims, loss, damage, injury and liability, however caused, resulting from, arising out of, or in any way connected with the Diversity Recruitment through Education and Mentoring (DREAM) for 2014.

Signature of Officer or Supervisor on Behalf of Employer:

Signature _______________________________________                  Date _______________

Name (print) ____________________________________

Title ___________________________________________