



Fellowships for Undergraduate Summer Study in Medical Physics Mentor Application

Summer Undergraduate Fellowship

Diversity Recruitment through Education and Mentoring (DREAM)

10-week summer Research or Clinical experience in medical physics Summer 2015

The American Association of Physicists in Medicine (AAPM) is pleased to announce the availability of its Summer Undergraduate Fellowship Programs for 2015. The programs are designed to provide opportunities for undergraduate university students to gain experience in medical physics by performing research in a medical physics laboratory or assisting with clinical service at a clinical facility.

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 2, 2015

American Association of Physicists in Medicine

Mentor Application

2015 Summer Undergraduate Fellowship Programs

1. Qualifications- Each fellow must have a mentor. Each mentor shall be a faculty medical physicist in a university environment or a qualified medical physicist. Each mentor shall be a full member of the AAPM. Each mentor shall be employed by a university, 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 Summer Undergraduate Fellowship 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. insurance and 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 \$5,000 paid to the host institution 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.

**American Association of Physicists in Medicine
Mentor Application**

2015 Summer Undergraduate Fellowship Program

Application Receipt Deadline: February 2, 2015

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 (Required)

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 AAPM Summer Undergraduate Fellowship Program for 2013.

Signature of Officer or Supervisor on Behalf of Employer:

Signature _____

Date _____

Name (print) _____

Title _____