

Biomedical Engineering Summer Internship Program (BESIP)

at the National Institutes of Health

June 7 - August 13, 2010

A Biomedical Engineering Summer Internship Program (**BESIP**) is being offered at the National Institutes of Health. Previously, this program was sponsored by the Whitaker Foundation. Sponsorship of this program is now with the National Institute of Biomedical Imaging and Bioengineering (NIBIB) at NIH. This structured ten week summer program will sponsor sixteen undergraduate biomedical engineering students in cutting edge biomedical research projects in NIH laboratories in Bethesda, Maryland, under the mentorship of world-class scientists. The interns will be selected by a Selection Committee consisting of eight NIH scientists/engineers through a nationwide competition and participants will have the opportunity to indicate preferences of projects from a list of available projects provided by NIH scientists from several of the NIH Institutes who are working on biomedical research problems that involve areas of engineering or physical science expertise. The students will also participate in group meetings, attend planned lectures and laboratory visits, and be encouraged to submit posters to the NIH Poster Day where summer interns from all disciplines present their projects. The selected interns will be housed together in a local apartment complex near NIH. The housing will be paid for by the BESIP program, so there is no cost for housing to the interns. The Program will run from **June 7 through August 13, 2010** and all interns must participate in the full ten week program during the specific interval listed above. For more information about the NIH, visit the web site at www.nih.gov. For more information about the BESIP program, including the on-line application site, eligibility requirements, the selection criteria, and a proposed project list, visit our web site at

<http://www.nibib.nih.gov/Training/UndergradGrad/besip/home>

Eligibility: To be eligible for the Biomedical Engineering Summer Internship Program, a student must have completed at least three years (6 semesters or 9 quarters) of undergraduate study in a Biomedical Engineering or Bioengineering degree program by the start of the 2010 summer and be returning to undergraduate school for at least one term following the summer program. Because of the structure of the program, the orientation procedures, planned group activities, and the housing arrangements, the intern **must** be available and present on the Bethesda campus to participate in the full ten-week program at the starting and ending dates listed above.

Early starts or departures cannot be accepted in the program. The intern must also be a United States citizen or permanent resident.

Stipend/Benefits: The summer intern will receive \$5000 for the 10-week program. The stipend will be dispensed as a prorated amount at the end of the months of June, July and August for the ten-week duration of the program. Housing will be provided at no cost to the intern. The 16 selected interns will be housed in four two-bedroom, two-bath condominiums in the Bethesda area near NIH with each condo having four interns. It is mandatory that the interns live in the designated housing for the 10 week period. The apartments are close to NIH and convenient to public transportation. The intern must pay any travel expenses between their home and the NIH from the summer stipend.

How/When to Apply: **An on-line application system is the only method used to apply.** The on-line application should open by December 1, 2009. The BESIP web site has links for the on-line application. The on-line application form requests the following four items to be used in the intern selection process: **(1)** A resume which should contain addresses and phone numbers for both school and permanent residence, an e-mail address and a statement affirming the US citizen or permanent resident status of the applicant. The resume should contain information about the student's education, recent work experiences, and activities and awards. **(2)** An **unofficial** transcript or listing of all college courses and grades. An official transcript may be requested only from the final selected interns before they commence the internship. **(3)** Two letters of recommendation from individuals who are familiar with the student's academic or work performance, such as faculty or supervisors, and who can comment on their suitability for this program. Automatic requests for letters of references will be generated by the application system and sent by e-mail to the two individuals listed by the applicant after the applicant has completed the on-line application form. **(4)** A written essay not longer than the equivalent of approximately one single spaced page briefly discussing such topics as your career goals, technical or research interests, reasons for applying for this internship, describing what you would like to get out of the BESIP summer program. Most of these items can be cut and pasted into the on-line application form.

The selection process will be performed by a panel of NIH scientists based on a system which scores the four items mentioned above. Applicants who are not selected for the BESIP program will automatically have their applications forwarded to the NIH **Summer Internship Program (SIP) in Biomedical Research**, which is separate and distinct from the NIBIB-BESIP program. This allows opportunities for other summer jobs at NIH if you are not selected for BESIP. Information about the SIP program can be found at the web site www.training.nih.gov. Remember, this SIP is separate from our BESIP program.

Deadlines:

The **deadline for submitting** the on-line application is **February 10, 2010**
Notification of selected interns will occur on or about **February 24, 2010**
Intern must accept or decline a BESIP offer by **March 10, 2010**