The High-End Instrumentation (HEI) Grant Program encourages applications from groups of NIH-supported investigators to purchase or upgrade a single item of expensive, specialized, commercially available instruments or integrated systems that cost at least $600,000. The maximum award is $2,000,000. Types of instruments supported include, but are not limited to: X-ray diffraction systems, nuclear magnetic resonance (NMR) and mass spectrometers, DNA and protein sequencers, biosensors, electron and confocal microscopes, cell-sorters, and biomedical imagers. A single application requesting more than one type of instrument (for example, a mass spectrometer and a confocal microscope) is not appropriate for this FOA.

Eligibility & Requirements:

- The PD/PI chosen for this application should have documented (in the biographical sketch) technical expertise directly related to the type of the chosen instrument. The PD/PI does not need to have an NIH research grant or any other research support but is expected to be an expert on the requested instrument. The PD/PI may be a Core director or non-tenured faculty member of the applicant organization, must be affiliated with the applicant organization, and must be registered on eRA Commons. Multiple PDs/PIs are not allowed under the S10 mechanism.
- Meet Major User Group eligibility requirements (see here)

Internal Nomination Process:

There is no restriction on the number of applications an institution can submit to the SIG and/or High-End Instrumentation (HEI) Programs each year provided the applications request different types of equipment. Concurrent SIG and/or HEI applications for the same instrument (or the same type of instrument with added special accessories to meet the HEI budget requirement) are not allowed, in general. If two or more S10 (either SIG or HEI) applications are submitted for similar equipment from the same institution, documentation from a high level institutional official must be provided stating that this is not an unintended duplication, but part of a campus wide instrumentation plan. Due to this requirement, submissions from JHU will be coordinated by the OVPR.

Interested applicants should send a letter of intent (PDF) to resapp@jhu.edu no later than 4 p.m. on March 17, 2016. This LOI (limited to 2 pages) must include the following:

- JHU Limited Submission Cover Sheet
- Description of the proposed instrumentation
- Listing of the major user group (meet the Major User Group requirements – see Section III: 3)
- Estimate of the cost and the amount to be requested in the grant proposal. If the cost exceeds the request, a description of the source(s) of funding for the balance.
- Explanation of how the costs of installation, maintenance, support personnel, and service will be met.

Each applicant should expect to receive a confirmation of receipt of their materials. If an applicant does not receive an acknowledgement, or has any questions, please contact Brittany McMahon via resapp@jhu.edu.