



THE AMERICAN PHYSICAL SOCIETY  
AND THE  
INDO-U.S. SCIENCE & TECHNOLOGY FORUM

**APS-IUSSTF PHYSICS PH.D. STUDENT & POST-DOC VISITATION PROGRAM**

**DEADLINE: 14 NOVEMBER 2014**

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*Proposal Guidelines*

The Indo-U.S. Science and Technology Forum (IUSSTF) and the American Physical Society (APS) are pleased to support the APS-IUSSTF Physics Ph.D. Student and Post-doc Visitation Program. The awards are sponsored by IUSSTF and are administered through APS. Details of the program, along with proposal guidelines are laid out below.

**APS-IUSSTF PHYSICS PH.D. STUDENT & POST-DOC VISITATION PROGRAM**

A. Overview

The United States already enjoys hosting many graduate students and post-docs from India who gain a greater understanding of U.S. culture, people, as well as academics. On the other hand, while India is rapidly growing both economically and scientifically, far fewer U.S. students and post-docs gain similar first-hand experience with Indian science, culture, and people. Given this current disparity, the APS-IUSSTF program supports more travel to India by U.S. Ph.D. students and post-docs, while still enabling Indian students to travel to the United States.

Applicants will develop a proposal for travel funds in partnership with an Indian or U.S. host—presumably a professor with whom their visit would be coordinated. The Ph.D. students and post-docs may apply for travel funds to pursue a breadth of opportunities in physics. A review committee comprised of APS and IUSSTF-appointed representatives will review each proposal for its merits.

B. Program Characteristics

Visitations may include travel to:

- Attend a short-course, or summer institute;
- Visit with a professor in his/her field of study;
- Work temporarily in a laboratory; or
- Undertake another opportunity that the applicant and host believe is worthy of travel support.

Proposals must be submitted by Ph.D. students or post-docs in coordination with a professor from the host institution. Recipients will be selected by a joint APS-IUSSTF

Review Committee. Up to 4 awardees will be selected each year (preferably a 3:1 ratio of U.S. and Indian students respectively).

Awards will be in the amount of \$3,000; larger sums can be awarded upon clear demonstration of need. Please note any special financial requirements in the application. Awards may be used for travel, materials, and expenses associated with the visitation as agreed upon by the APS and the IUSSTF, in consultation with the host institution.

### C. Proposal Guidelines & Procedures

**The application deadline is Friday, 14 November 2014.** Applicants must submit a joint proposal with their advisor (in the case of Ph.D. students) or supervisor (in the case of post-docs) and the hosting professor/advisor at the host institution. Proposals must include:

1. A joint proposal (1-2 pages) from the applicant, his/her advisor (in the case of Ph.D. students) or supervisor (in the case of post-docs), and the host professor at the host institution. The proposal must include a general overview, objectives, and anticipated outcomes of the visit.
2. Letters of support for the proposal from the applicant's advisor or supervisor as well as the host.
3. A schedule of activities for the duration of the visit.
4. A budget for requested funds. (Items 3 and 4 should be no more than two pages total.)
5. A brief, current curriculum vitae for both the Ph.D. student or post-doc and the hosting professor (maximum of two pages for each c.v.).

Applications should be sent via email to Michele Irwin, APS Office of International Affairs, at [irwin@aps.org](mailto:irwin@aps.org). Please include all application materials in *one PDF file*.

Indian applicants must be affiliated with and attending an Indian institution at the time of application. U.S. applicants must be affiliated with and attending a U.S. institution at the time of application.

### D. Grants

APS manages the disbursement of funds. Grantees submit receipts to APS for reimbursement. If requested, APS can consider advancing the airfare. The remainder of the funds will be reimbursed to the awardees upon the successful completion of the visit. All visits must be completed within 1 year of the award date. Grantees must submit a report detailing their experience within 30 days of their return.

### E. Award Priorities

The program recognizes that many Ph.D. students may use their physics education in careers other than scientific research. Consequently, along with the scientific merit of the proposal, the awards will also be based on criterion beyond scientific merit. Strong consideration will be given to applicants whose proposals demonstrate how this cultural and scientific exchange opportunity will impact future career directions, especially in building leadership skills. In keeping with the desire to create new linkages between U.S.

and Indian institutions, the program will favor candidates who have had no prior experience in the other country.