



## APS-IUSSTF PHYSICS PH.D. STUDENT & POSTDOC VISITATION PROGRAM

### PROGRAM DESCRIPTION & PROPOSAL GUIDELINES

**DEADLINE: 4 JUNE 2018**

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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 Postdoc Visitation Program. The program provides travel funds to students and postdocs who wish to pursue opportunities in physics in India and the U.S. The awards are sponsored by IUSSTF and administered through APS.

#### A. Overview

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

Applicants develop a proposal for travel funds in partnership with an Indian or U.S. host—presumably a professor/advisor with whom their visit would be coordinated. Ph.D. students and postdocs may apply for travel funds to pursue a breadth of opportunities in physics.

#### 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 support.

Recipients are selected by a joint APS-IUSSTF Review Committee. Up to 4 awardees are selected each year (preferably a 3:1 ratio of U.S. and Indian students respectively).

Awards are in the amount of \$3,000. Awards may be used for travel 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 Monday, 4 June 2018.** Proposals must be submitted by Ph.D. students or postdocs in coordination with their advisor/supervisor and the hosting professor/advisor at the host institution. Proposals should be no more than ten pages total and must include:

1. A joint proposal (1-2 pages) from the applicant, their advisor (in the case of Ph.D. students) or supervisor (in the case of postdocs), and the hosting professor/advisor 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 the 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 postdoc and the host (maximum of two pages for each c.v.).

**Proposals 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 and a report detailing their experience to APS, which reimburses the awardees directly. The expense and written reports must be submitted within 30 days of the grantee's return. All visits must be completed within 1 year of the award date. (If requested, APS can consider advancing funds to cover airfare. The remainder of the funds are reimbursed to the awardees upon the successful completion of the visit.)

### 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 is 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 favors candidates who have had no prior experience in the other country.