

## Announcement for Call for Expression of Intent for India-US Grand Challenge: Affordable Blood Pressure Measurement Technologies for Low-Resource Settings in India and the US

Hypertension diagnosis and management is a critical healthcare issue and is an area that is ripe for technological innovation. The main purpose of the collaboration between the Science and Engineering Research Board (SERB), Department of Science and Technology, Govt of India and the National Institute of Biomedical Imaging and Bioengineering (NIBIB, NIH) is to encourage research collaborations within and between both countries on the development of durable, low-cost blood pressure measurement technologies for either passive or active monitoring of hypertension.

### Priority areas

Appropriate topics include but are not limited to:

- High-throughput blood pressure systems: that can measure the blood pressure of a large number of individuals. The measurement should ideally integrate with a routine daily activity in such a way that there is minimal added effort required by the individual.
- Minimal interaction, low-cost blood pressure measurement systems: capable of making measurements in a home environment in a manner that adds little or no burden to the individual. These devices should be suitable for use at home and small health-care centers.
- Measurement technologies should be simple, low-cost, reliable and should not need clinical expertise for operation.

### Eligibility

- Applicants can include entities from academia, national laboratories, non-governmental R&D institutions, industry and start-up companies.
- The proposal should be science-driven aiming towards prototype development/demonstration with a definite commercial potential and intent/plan to commercialize the technology.

A detailed call for proposal would follow later. Prospective applicants are required to submit an Expression of Intent of not more than five pages by **31 August 2013**.

For more details and latest updates please visit: <http://www.indousstf.org/Funding-Opportunity-Announcement.html>  
Contact: [biomed@indousstf.org](mailto:biomed@indousstf.org)

## Indian Geophysical Union National Awards

### Anni Talwani Memorial Prize

Indian Geophysical Union (IGU) was established in 1963. It is serving the Earthsystem scientific community by providing proper platforms to project the scientific achievements by the young and senior scientists. In addition to the existing national awards, IGU is instituting 'Anni Talwani Memorial Prize' starting from the year 2013, using the grant provided by Prof. Manik Talwani, USA. IGU invites nominations from meritorious scientists of age not more than 60 years (both Indian and foreign scientists who have contributed significantly through their studies covering the land and/or offshore parts of India). Only such nominations that are duly forwarded by Fellows and Foreign Fellows of IGU or Heads of the institutes (where the applicants are carrying out the scientific studies) are eligible for selection by a committee constituted by the President of IGU. The Nominations duly signed by the proposer along with a detailed bio-data should reach **The Hon. Secretary**, IGU, NGRI Campus, Hyderabad 500 007 on or before **31 October 2013**. The applicants can send needed details electronically to: [igu123@gmail.com](mailto:igu123@gmail.com).

The nomination should include:

1. A one page letter stating the candidate's qualifications for the prize.
2. Candidates CV; it should not exceed two pages.
3. A list of candidates' 10 most important publications. Number of citations.
4. Three one page letters of recommendations from renowned national or international senior earth system scientists.

The prize for the year 2013, will be given during the inaugural function of the 50th Annual Convention of IGU scheduled on 08 January 2014 at NGRI, Hyderabad.

### Prof. Devendra Lal Best Paper Award

Indian Geophysical Union is introducing 'Prof. Devenra Lal Best Paper Award' from 2013. The best paper will be selected for the current year from publications of *Journal of Indian Geophysical Union* that appeared in the four issues of 2013. The award for 2013 will be given during the inaugural function of the 50th Annual Convention of IGU scheduled on 08 January 2014 at NGRI, Hyderabad.

Please refer IGU website for details: [www.igu.in](http://www.igu.in)