



**US-India Education Foundation (USIEF):
"Obama-Singh 21st Century Knowledge Initiative"
Award Project: "THE STEM-FACULTY PROJECT:
Training the Next Generation of STEM Faculty at
Higher Education Institutions in India"**

U.S.-India Collaboration and Pilot Project: Opportunity to Participate in STEM Faculty Training at Higher Education Institutions in India.

The Ohio State University has been awarded a highly competitive grant from the US-India Education Foundation (USIEF), under the Obama-Singh 21st Century Knowledge Initiative, for a pilot project to train STEM faculty in partnership with the Aligarh Muslim University in northern India. The salient features of the USIEF program, potentially involving OSU faculty and staff in STEM disciplines from the Colleges of Education, A&S, and Engineering, are as follows.

- It establishes a Center of Excellence for STEM Education and Research at AMU. The Center was inaugurated in November 2013 by an OSU delegation led by Vice-Provost for Global Affairs, Prof. William Brustein, Vice-Provost for Graduate Studies Prof. Patrick Osmer, and Dean of the College of Engineering Prof. David Williams.
- A two-year dual degree program devised by the College of Education has been approved by the OSU Council of Academic Affairs. It consists of a an advanced graduate (likely a doctorate) degree from AMU and a Master of Education degree with STEM specialization from OSU.
- Under the MEd-STEM (India) program, selected graduate students will undertake research and coursework at OSU during their first year, guided by OSU faculty advisors and mentors. During the second year, they will return to India to implement the STEM teaching methodologies as well as continue their research.
- Four AMU students will be selected in SP14, and commence their MEd -STEM coursework in SU14. The selection is based on three criteria: (i) academic record,

(ii) research project and progress, and (iii) match between the candidate, his/her AMU advisor, and the OSU research advisor. It is expected that research mentorship and collaboration would continue beyond the two-year timeframe of the dual-degree program.

- The students will be fully funded. Tuition, fees, and stipend are supported as part of OSU-AMU cost share and the USIEF grant.

This announcement is being circulated to OSU faculty in STEM disciplines as potential research advisors. Contact information is as follows.

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