

Indo-US (formerly Obama-Singh) STEM Education and Research Faculty Training Project



Purpose

OSU received one of the four high profile 'Indo-US (formerly Obama-Singh) 21st Century Knowledge Initiative awards' of the US India Education Foundation (USIEF) in 2013. It partners with Aligarh Muslim University (AMU) in India for the Science, Technology, Engineering, Mathematics (STEM) Education and Research (ER) faculty training program. The objective is to train Ph.D. students in STEM areas studying in Indian universities for i) world class teaching skill and ii) state-of-the-art research.

Impact

A two-year dual degree program for Master of Education, Med-STEM, at OSU focusing on the world class teaching skill and cutting edge research collaboration introduced in 2013 has been established.

Four Ph.D. scholars from AMU graduated with the degree in 2016. They wrote Master thesis in Education and a chapter of Ph.D. thesis in STEM with OSU Advisors.

Four more AMU scholars just completed their STEM research at OSU in 2017. All eight AMU students are expected to serve as faculty members at AMU and implement the training.



AMU scholars at front (Nida, Hala, Malik, Asim) make O-H-I-O with their OSU advisors (Professors Wani, Nahar, Irving, Wang) at completion of MEd degree, 2016



Second batch met President Drake and experienced OSU Thanksgiving Dinner, 2016



Taqseer Khan is publishing new findings from his OSU project and attended the Harvard conference on mathematics 2016



Reception of second batch of students with advisors and OSU officials, August 2016

Ohio State/AMU Colleges Involved

Departments of Astronomy, Chemistry, Mathematics, Molecular Genetics, Physics and Radiology
College of Teaching and Learning
Office of International Affairs

Community Partners Involved

Aligarh Muslim University in India

How you can get involved:

- Funding support for students through internships
- Funding support for a collaborator for conference attendance
- Giving the unused text books of the last editions
- Bring a researcher for a short term

To get involved, contact:

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<http://www.astronomy.ohio-state.edu/~nahar/obama-singh.html>