



OBAMA-SINGH GRANT

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Ohio State receives Obama-Singh award

The Ohio State University is one of four U.S. universities to receive the highly competitive Obama-Singh 21st Century Knowledge Initiative award for its project, "Training the Next Generation of STEM Faculty at Higher Education Institutions in India." Over a three-year period, Ohio State will receive approximately \$250,000 to launch a pilot program with Aligarh Muslim University in India. This program will aim to lay the groundwork for capacity building in STEM education and research at Indian universities in collaboration with universities in the United States. The Obama-Singh Initiative is the result of an agreement between the governments of India and the United States, who have committed a sum of \$5 million each to strengthen academic institutional partnerships between the two countries. This is the second year that funds have been awarded to partner institutions in the United States and India.

OSU-AMU Center of Excellence for STEM Education and Research (STEM-ER)

Training the next generation of STEM faculty at high education institutions in India.

Features of this pilot program:

- A concurrent two-year dual degree program - an advanced graduate degree from AMU and a newly designed master's degree with STEM-ER specialization at Ohio State
- STEM teaching and pedagogical methods in interdisciplinary education including digital e-learning
- Joint supervision by Ohio State and AMU faculty in science and engineering on advanced research topics

- Field experience in undergraduate STEM teaching at AMU and certification by Ohio State
- Extension to national level with support from governmental agencies, public and private colleges and universities

Participate in this program through the following steps:

- Join the Indo-US Consortium of Higher Education Institutions for STEM-ER training
- Sponsor graduate students at the OSU-AMU STEM-ER Center as prospective faculty members at sponsoring institutions following the dual-degree program
- Establish national STEM-ER centers in collaboration with Ohio State and AMU
- Joint research projects and proposals

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