

# Work and Impact Under the MOA Between OSU and Cairo University

## Purpose

The MOA between OSU and Cairo University was signed in 2012. The active collaboration is in laser experiments, plasma opacity and atomic physics calculations, OSU plays the role training at Cairo University through delivering research-based atomic astrophysics courses with computational workshops using the facilities of Ohio Supercomputer Center and research guidance to students. About 15 institutions in and around Cairo are now affiliated to OSU through member participation in the course.

## Impact

Through collaboration OSU has established a prominent presence in Cairo University. Scholars on Egyptian government scholarship come to OSU for research. More students are applying for a Ph.D. at OSU.

Atomic astrophysics course by Sultana Nahar is very popular as it also provides exposure to current research interests. Participants from various institutions attending the course are interested in collaborative efforts.

Cairo University attracts African and Middle Eastern countries for degrees and holds international conferences. These international members, such as, from Ethiopia, Kenya, Sudan, Oman, Yemen, Iraq, came to know about the OSU-Cairo University MOA and activities, and are interested in having an MOA with OSU.



Postgraduate students and researchers attending the research based lecture course delivered by Sultana Nahar at Cairo University taking the final exam.



Sultana Nahar receiving shield as the first female Guest of Honor in the international Arab Conferencer in Astronomy and Geophysics (ACAG). Her interactions and presentation made OSU known to participants from over 12 countries.



Seminar at Zewail City of Science and Technology where Vice Chair Prof Salah Obayya (near middle on left to Sultana) discussed sending students for the new STEM ER degree program at OSU.



After my seminar at National Research Center in Cairo where I met two accepted graduate students joining OSU in Fall 2016.

## Ohio State Colleges/Units Involved

Astronomy  
Physics  
Medicine  
Center for Middle Eastern Studies

## Community Partners Involved

Cairo University is under the MOA. However there are about 15 universities and institutions unofficially connected and interested in OSU.

## How you can get involved:

- Support our partners by accepting students from Cairo University
- Funding to support students in your group
- Be part of the proposal for grant
- Give us contacts for USAID for US-Egypt program
- Tell the program to other countries to make it global

## To get involved, contact:

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