



*Sultana established a recognition program of 16 prizes in Physics and Astronomy for the best research, best teaching, and academic excellence at the oldest known university, Al Azhar University, which is emphasizing enhancement in science. Picture shows number of prize recipients of 2015.*



*Sultana has been working with Cairo University for research and education since 2008. University President Professor Nassar awarded her the Shield of Cairo University.*

## Ohio State University and Egypt Connection through Cairo University

### Purpose

OSU and Cairo University signed a Memorandum of Agreement for collaboration in Arts and Sciences, and Engineering in 2012. It has included research in atomic physics, astrophysics, laser physics, and medicine, and teaching in these respective areas. By its teaching and research collaboration at Cairo University, OSU has reached 7-8 institutions in Egypt.

### Impact

Program is fulfilling the objective of global outreach of OSU. Each teaching and computational workshop held at Cairo University has been attended by an additional 5-6 institutions.

Program has helped in enhancing the teaching skill at Cairo University and research in a few other universities through a recognition program.

The work is enlarging the scope of large US-Egypt grants that OSU has explored.



THE OHIO STATE  
UNIVERSITY



*Under the MOA between OSU and Cairo University, Sultana taught a condensed course on atomic astrophysics in 2015 and conducted computational workshops attended by participants from 7 institutions. Picture shows a computational workshop.*

### Ohio State Colleges/Units Involved

Astronomy  
Physics  
Medicine

### Community Partners Involved

Cairo University  
Al Azhar University

### How you can get involved:

- Funding support for students through internship
- 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:

**Sultana N Nahar**  
Research Professor  
[nahar.1@osu.edu](mailto:nahar.1@osu.edu)  
[astronomy.ohio-state.edu/~nahar/](http://astronomy.ohio-state.edu/~nahar/)



*Even under political changes, Egypt strives to continue its scientific progress. Picture shows Sultana with women participants at the end of international conference on Modern Trend in Physics Research (MTPR) held in Luxor during December 19-23, 2014.*



*The 74 in mirror telescope on Kattamia mountain of National Institute of Astronomy and Geophysics is 475 m above the sea level and provides about 200 clear nights for Egyptian and African observers.*