



# U.S. – Egypt Science and Technology Joint Fund



Arab Republic Of Egypt  
Ministry Of Foreign Affairs



NATIONAL ACADEMIES  
Sciences  
Engineering  
Medicine



## Background

The U.S. - Egypt Science and Technology (S&T) Joint Fund (Joint Fund) was established in 1995 under an agreement between the U.S. and Egyptian governments to strengthen scientific and technological capabilities between both countries. The Joint Fund is governed by the U.S. - Egypt Joint Board, composed of six members each from the U.S. and Egypt. It determines priorities among fields of cooperative activities based on mutual interests of both countries, recommends overall policies for the program, identifies areas and forms of cooperation, and approves the cooperative activities to receive funds.

To support the activities of the Joint Fund, each country matches funds provided by the United States Agency for International Development (USAID) and the Ministry of Higher Education and Scientific Research (MOHESR). Since 2015, the program has been implemented in the U.S. by the National Academies of Sciences, Engineering, and Medicine (NASEM) and in Egypt by the Science, Technology, and Innovation Funding Authority (STDF).

## Key Components and Activities

There are three primary components of the Joint Fund program:

**Collaborative Research Grants** are intended to foster research collaboration between Egyptian and U.S. scientists. Projects are 2-3 years in duration and each country's research team is funded up to 200,000 USD. Since 2016, the program has funded 56 collaborative projects in the areas of agriculture, health, energy, and water under four grant cycles.

**Innovation Activities** are designed to support the advancement of early-stage science and technology innovation and commercialization in Egypt by offering training and capacity building to Egyptian students, researchers, and faculty to move their inventions out of the university and into the marketplace. This includes investments in research, infrastructure, mentoring, and human capital to support innovation ecosystems that create opportunities for individuals and promote economic growth. Two iterations of an entrepreneurship and commercialization training program entitled Innovate Egypt were implemented involving 239 people. A third iteration of Innovate Egypt, along with a new Technology Transfer Training Program, will be launched in 2023.

**Junior Scientist Development Visit Grants** have sponsored travel of 39 Egyptian early-career scientists to the United States since 2017. Funded by STDF, these Egyptian early-career researchers collaborated with their U.S. counterparts and students within labs across the U.S. to test their hypotheses. Based on overwhelming success of this component, starting in 2023, NASEM is also launching the **U.S. Early-Career Exchange Visits** program component which will allow early U.S. researchers to design and implement short-term projects and travel to Egypt to engage young Egyptian researchers. Visits will include lecture series, workshops, and training that foster meaningful collaboration between early science professionals in both countries.

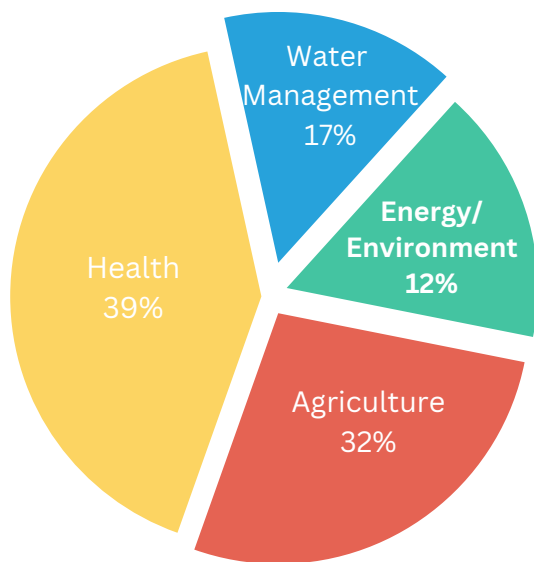


# U.S. - Egypt Science and Technology Joint Fund

## Impact in Numbers since 2016

<b>1,078</b>	<b>56</b>	<b>48</b>	<b>24</b>
Research proposals developed by U.S.- and Egypt-based scientists	Collaborative Research Grants funded since 2017	U.S. institutions received funding from the Joint Fund	Egyptian institutions received funding from the Joint Fund
<b>39</b>	<b>369</b>	<b>6</b>	<b>239</b>
Egyptian Junior Scientists traveled to the U.S. to collaborate with U.S. counterparts	Publications and conference presentations	Significant <b>NEW</b> tools/ technologies /patents developed	Egyptian researchers took part in <i>Innovate Egypt</i> activities

### Thematic Focus of Funded Projects



### Participant Quotes

For the U.S., the biggest and immediate impact was the training of new graduate students. Also, technology is being pursued by some private companies. And in the Egyptian community, also we have had chance to support researchers.  
 - *Dr. Foster Agblevor, Utah State University*

The way I see it, this funding, it may not be as big as some other funding sources, but it opens doors.  
 - *Dr. Likun Zhu, Indiana University Purdue*



**For more information, please visit [www.nationalacademies.org/egypt](http://www.nationalacademies.org/egypt) or email Davron Mirsagatov, Program Director - [dmirsagatov@nas.edu](mailto:dmirsagatov@nas.edu).**