



SUPPORT FOR INTERNAL AND EXTERNAL FUNDING

The United Arab Emirates University (UAEU) is committed to enhancing UAEU's standing as the leading research-intensive university in the UAE by fostering links with external funding bodies and through internally-funded university wide research grants. These include:

1. Start-up: For faculty who have recently joined UAEU and would like to set up research programs or agendas.
2. University Program for Advanced Research (UPAR): Supports innovative research proposals from UAEU faculty.
3. Interdisciplinary Center Based Research: This program supports cutting-edge interdisciplinary

research proposals in areas covered by the Research Centers at UAEU.

4. UAEU Collaborative Projects with other Institutions: Supports innovative proposals from joint applicants provided one researcher is a UAEU faculty member.

5. Summer Undergraduate Research Experience (SURE): The purpose of the SURE program is to support undergraduate research by providing students with exposure to, and training in, research while working in teams with other undergraduate and graduate students under the supervision.

In addition, UAEU has established many partnerships with institutions, organizations and companies in the UAE's public and private sector focusing on areas of concern to the country. There have been projects related to energy, environmental protection, water, health care, traffic safety, biotechnology and many other important issues.

RESEARCH PARTNERSHIPS

UAEU fosters research partnerships with governmental, corporate and academic institutions both nationally and internationally. Our partnership countries include:

- | | | |
|------------------|----------------|------------------------|
| ▶ Australia | ▶ Iraq | ▶ South Korea |
| ▶ Belgium | ▶ Ireland | ▶ Spain |
| ▶ Canada | ▶ Italy | ▶ Sudan |
| ▶ China | ▶ Japan | ▶ Sweden |
| ▶ Czech Republic | ▶ Jordan | ▶ Switzerland |
| ▶ Denmark | ▶ Malaysia | ▶ Thailand |
| ▶ Egypt | ▶ Mexico | ▶ Turkey |
| ▶ Estonia | ▶ Morocco | ▶ Ukraine |
| ▶ Finland | ▶ Oman | ▶ United Arab Emirates |
| ▶ France | ▶ Poland | ▶ United Kingdom |
| ▶ Germany | ▶ Saudi Arabia | ▶ United States |
| ▶ India | ▶ Singapore | |



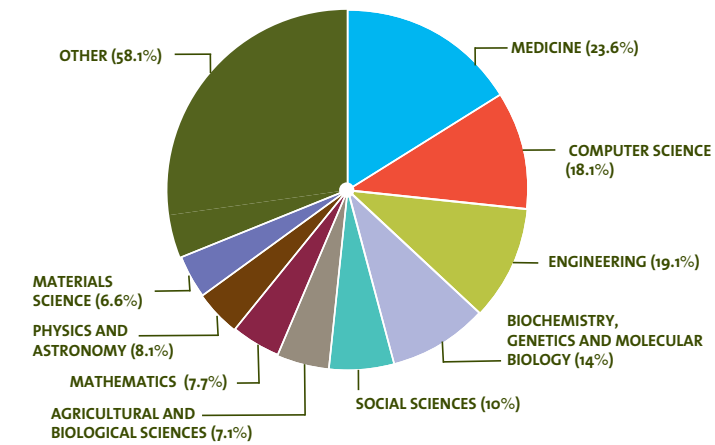
AREAS OF RESEARCH

One of the great strengths of the United Arab Emirates University (UAEU) is its ability to address the significant challenges facing the United Arab Emirates today through its research activities. Research at UAEU has contributed significantly to the development of the country in many areas. These range from research into water resources, petroleum resources, solar and other forms of renewable energy to medical, social and economic activities. UAEU has a wide ranging research remit that allows faculty to conduct research in a variety of important areas (see below).

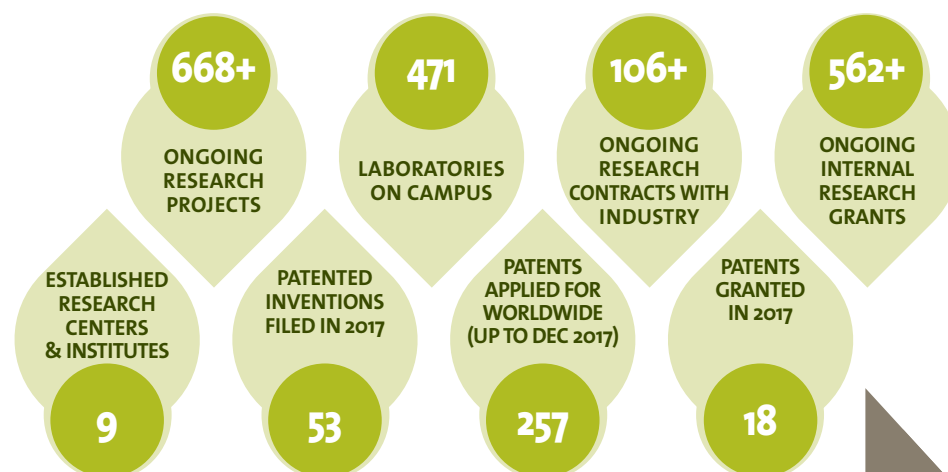
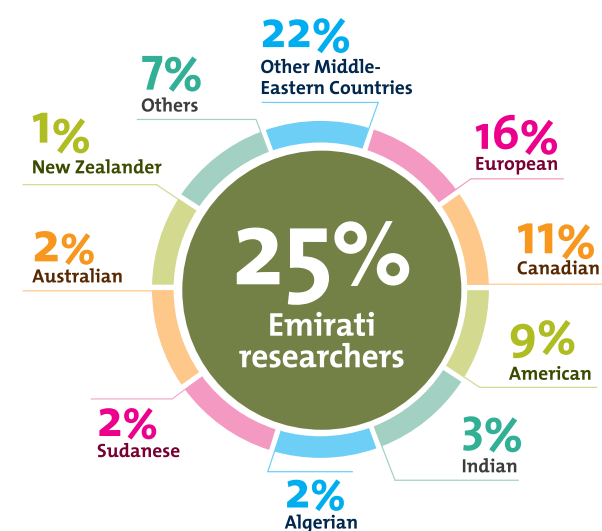


► RESEARCH FACTS AND FIGURES

Subject Areas of Major Publications from 2009 to 2017 (Source: SCOPUS)



Nationality or Region of UAEU Researchers



100

OVER 100 NATIONAL AND INTERNATIONAL COMPANIES HAVE COLLABORATED WITH UAEU OVER THE LAST 10 YEARS.

1893

UAEU LAUNCHED ITS FIRST MASTER'S PROGRAM IN 1991 AND 1893 MASTER'S STUDENTS HAVE GRADUATED SINCE THEN.

2002

UAEU HAS DOUBLED THE NUMBER OF PUBLICATIONS BY FACULTY, STAFF AND STUDENTS SINCE 2002.

1091

UAEU RECEIVED AED 165M IN EXTERNAL FUNDING FOR 1091 RESEARCH PROJECTS FROM 2007 – 2017.

89

UAEU LAUNCHED ITS FIRST PH.D PROGRAM IN 2010 AND 89 PH.D STUDENTS HAVE GRADUATED SINCE THEN.

912

IN 2017, 912 SCIENTIFIC PAPERS WERE PUBLISHED BY 600 FACULTY MEMBERS.

UAEU

UAEU HAS THE HIGHEST VOLUME OF PUBLICATIONS ATTRIBUTED TO A TERTIARY INSTITUTION IN THE UAE.

► RESEARCH CENTERS AND INSTITUTES

UAEU boasts nine world-class research centers and institutes, including:

1. Emirates Center for Energy and Environmental Research
2. Khalifa Center for Genetic Engineering and Biotechnology
3. National Water Center
4. Roadway, Transportation and Traffic Safety Research Center
5. UAEU Center for Public Policy and Leadership
6. Zayed bin Sultan Al Nahyan Center for Health Sciences
7. National Space Science and Technology Center
8. Emirates Center for Happiness Research
9. Emirates Institute for Learning Outcomes Assessment

Date Palm Development Research Unit (DPDRU)

The DPDRU was established in order to build a knowledge base and also to increase the production of date palm tissue cultured plants, through utilizing various tissue culturing techniques.

The DPDRU is one of the major commercial date plant mass propagation units in the world. It produces and sells date plant varieties of the highest quality, which are in constant demand. So far the unit has distributed over one million date palms, covering over 60 different varieties of the plant.

The DPDRU is located on a 2,000m² site, of which 1,200m² is under aseptic conditions. It contains eight (8) growth chambers with a capacity for 70,000 cultures per chamber. There are also 38 working stations (including 19 Laminar Flow Hoods) for creating cultures and subcultures. Moreover, there are 20 hectares of date palms, adding to the already impressive gene pool, plus 20 greenhouses and 15 nurseries on site.

► UAEU SCIENCE AND INNOVATION PARK

The UAEU Science and Innovation Park aims to become a globally recognized innovative ecosystem that enhances diversification in the UAE economy.

Its mission is to train and support the new generation of innovators, entrepreneurs, and change-makers.

The UAEU Science and Innovation Park promotes a knowledge economy by supporting scientific research, building strategic partnerships with industries and commercializing innovative products. It also supports infusing an entrepreneurship mindset and building capabilities to start and grow global businesses in the UAE's critical areas to the benefit of the community.

The UAEU Science and Innovation Park provides innovation champions (individuals, companies, institutions, government) with a collaborative platform and an enabling environment for research cooperation and safe innovation.

In addition, it provides innovators with opportunities to disseminate the outcomes of their research amongst the park's resident companies and beyond and to expand the university's intellectual property portfolio.

Moreover, the Park provides students with opportunities to develop new ideas, hands-on experience to develop prototypes, knowledge and skills to build a business model, and networking and mentoring opportunities to be able to start and grow their own business.

