

# Research Newsletter

Vice President's Office for Research and Postgraduate Studies

ISSUE 2    March 2021



# Research Newsletter

Vice President's Office for Research and Postgraduate Studies

## Welcome Note

### Chair of BUE Board of Trustees



**Ms. Farida Khamis**

It is an immense privilege to have been elected as Chair of the Board of Trustees; I am honoured to have been entrusted to carry forward my father's legacy. On behalf of the British University in Egypt (BUE) Board of Trustees, I would like to extend my gratitude to the university's academic staff, administrative staff and senior leadership who, together, have effectively steered the university through the challenges of Covid19 over the past year. The pandemic has accelerated the advent of change in the new role and responsibilities of universities worldwide. At the forefront of these responsibilities has been the digital transformation and the production of research that benefits societies and impacts the world. As a research led university, BUE is strongly committed to creating transformational knowledge and fostering excellence in research. BUE vision and strategic plan inform our future decisions in international collaboration, industry partnerships and research priorities as we aspire to become the leading university in Egypt and the region.

## IN THIS ISSUE

**The British University in Egypt (BUE)** as it enters a new phase of leadership remains strongly committed to pursuing excellence in research, transformative teaching and innovation in a global context. As a young university, BUE is steadily making progress in research performance. Resources that are competently distributed support research activities and welcome new development opportunities that lead to the discovery, application and the dissemination of knowledge. Our open academic environment and research support systems foster intellectual agility and champion early to mid-career researchers who contribute to the advancement of the university. We empower all those who work at BUE and recognise that our research staff's personal growth requires innovative aspirations and focused effort.

As one of the top ranking universities in Egypt, and the 1st amongst private universities, we devote our knowledge and skills to engage with the community to meet the challenges of the changing world post Covid19, enhance our digital leadership and contribute meaningfully to the future of the nation.



**Prof. Yehia Bahei-El-Din**  
**Acting President**  
**Vice President, Research**

- African Academy of Science (AAS) 12th General Assembly
- BUE Scholar
- Postgraduate Programmes
- Scopus Publications
- Awards
- Research Grants
- TICO
- Science Park
- Research Centres
- Research Events
- Grants

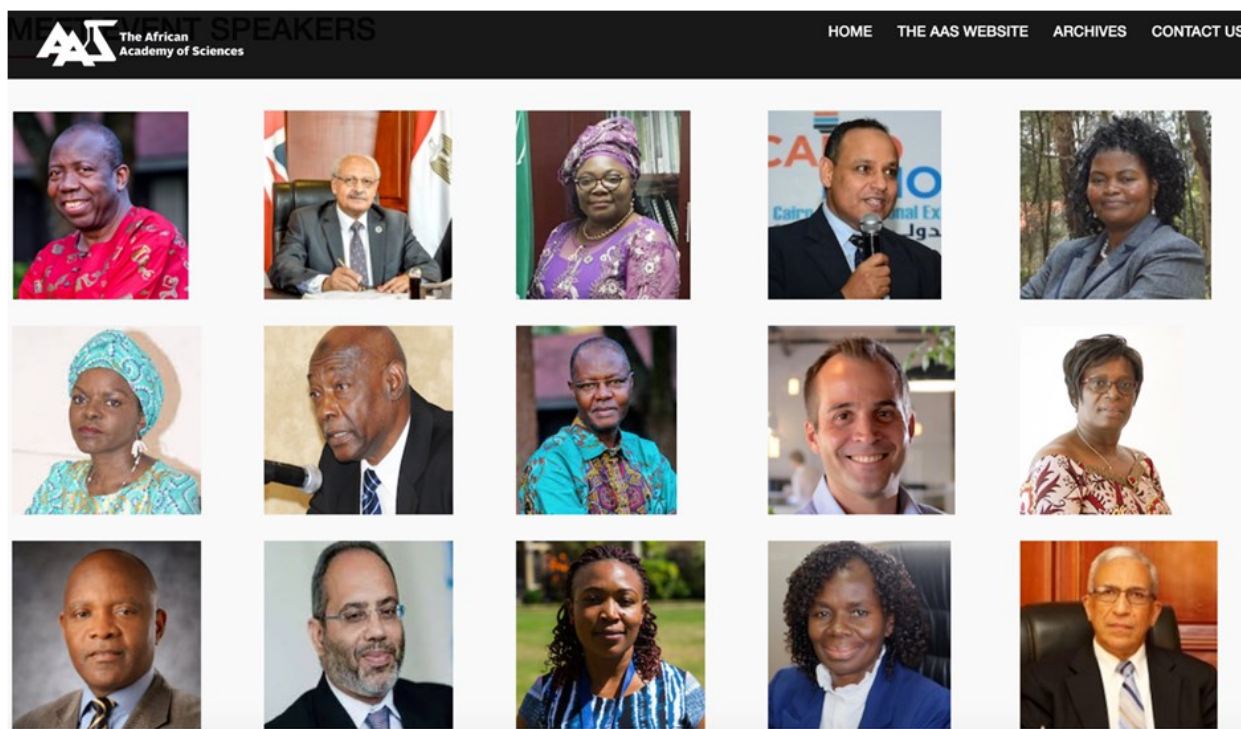
# African Academy of Science (AAS)

## 12th General Assembly 7-9 December 2020

### Promoting Excellence in Science in Africa

The British University in Egypt (BUE) hosted the 12th General Assembly for the African Academy of Sciences (AAS) from 7-9 December 2020. The African Academy of Sciences is a not-for-profit organisation headquartered in Nairobi, Kenya. BUE welcomed AAS Fellows and Affiliates on campus for a three-day event while members from all over Africa joined virtually. The General Assembly is a gathering of African Academy of Sciences Fellows and Affiliates from across the globe providing an opportunity to network and showcase research through presentations, induct new Fellows and Affiliates as well as celebrate key scientific achievements. The virtual 12th General Assembly of the African Academy of Sciences recorded over 100 registrations.

### AAS 12<sup>th</sup> GA High Profile Speakers



## African Academy of Science (AAS) cont.

### Converging the Sciences

In its 35th year of promoting excellence in science in Africa, AAS has committed to promoting multisectoral efforts and transdisciplinary expertise to address research problems and scientific investigations which result in advancing research that translates into new forms of innovation in order to achieve sustainable development goals in Africa.

### AAS Scientific Agenda

The AAS 12th General Assembly scientists and science leaders shared what has been achieved by the AAS scientific community, highlighted existing science programmes and partnerships, as well as deliberated on ways of advancing new and existing collaborations. The AAS scientific agenda is grounded in the SDGs, Agenda 2063 and STISA 2024.

Sessions were chaired by AAS Fellows such as Prof. Catherine Ngila, AAS Acting Executive Director, Prof. Yehia Bahei-El-Din, BUE Vice President for Research and Postgraduate Studies, Prof. Felix Dakora AAS President, Prof. Francine Ntoumi, AAS Vice President for Central Africa, Prof. Mary Abukutsa, AAS Governing Council, Prof. Salif Diop, AAS Vice President for Western Africa, Barthelemy Nyasse, AAS Secretary General, as well as by high profile researchers.



## African Academy of Science (AAS) cont.

### AAS Affiliates – BUE

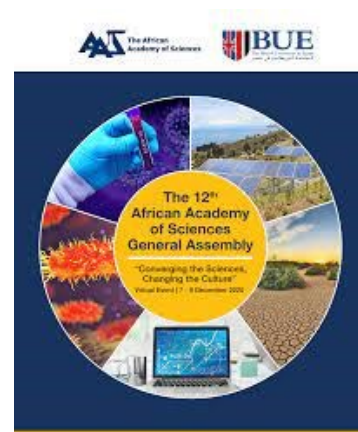
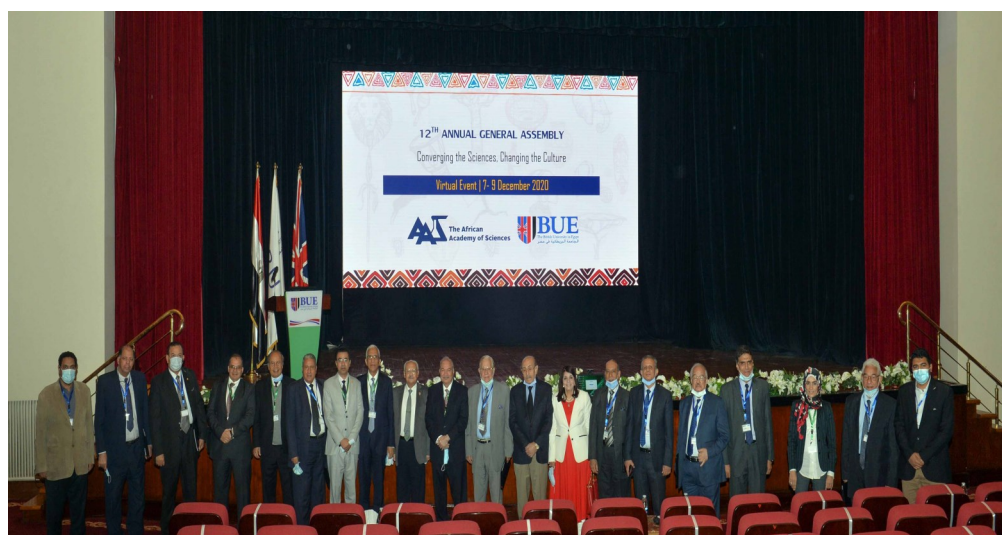
**Dr. Sara Abdelsalam**, an associate professor in the Faculty of Engineering was recognised in 2020 by AAS in the field of Mathematics. Dr. Abdelsalam was selected amongst 40 early career researchers in Africa who are pursuing a career in science to become a AAS Affiliate. She is the only one from Egypt selected in the field of Mathematics.



Dr. Sara Abdelsalam

### AAS Closing Ceremony

The Closing Ceremony was facilitated by Prof. Barthelemy Nyasse, Secretary General of the African Academy of Sciences. The three days of the event were eloquently reflected on by Prof Catherine Ngila. Two themed closing speeches by Prof. Ashraf Mansour AAS Honorary Fellow and Chairman, Board of Trustees, German University in Cairo and Prof Moctar Toure, AAS Founding Fellow/ Académie Nationale des Sciences et Techniques du Sénégal (ANSTS) followed. The closing remarks were synced with the 12<sup>th</sup> General Assembly's aim of converging the sciences and the short talk by Prof Ahmed Hamad, President of the British University in Egypt was complemented by a word from Prof Felix D. Dakora, AAS President. The event culminated with a vote of thanks from Prof. Akica Bahri, Vice-President, Northern Africa, African Academy of Sciences. Special thanks are due to Prof Yehia Bahei-El Din for the remarkable initiative of hosting the 12<sup>th</sup> GAAAS in Egypt.



## African Academy of Science (AAS) cont.

# Organising Committee BUE & AAS 12th General Assembly

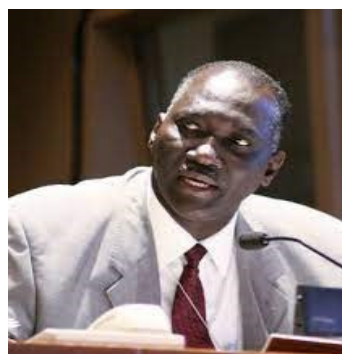
Prof. Catherine Ngila  
 Prof. Barthelemy Nyasse  
 Prof. Yehia Bahei-El-Din  
 Prof. Salif Diop  
 Dr. Grace Mwaura  
 Dr. Rania M Rafik Khalil  
 Deborah-Fay Ndlovu  
 Steven Kinuthia  
 Noha Mohammed  
 Janet Kinuthia  
 Gladys Akinyi  
 Olivia Osula  
 Christine Kuto



**Prof Catherine Ngila**



**Prof Barthelemy Nyasse**



**Prof Salif Diop**



**Dr Grace Mwaura**



**Prof De Wet Swanepoel**  
University of Pretoria, South Africa  
2018 Obasanjo Prize Winner

### 2018 Obasanjo Prize Winner

Prof De Wet Swanepoel is Awarded the 2018 Olusegun Obasanjo Prize for Scientific Discovery and /or Technological Innovation for his innovative and highly impactful research work in tele-health and mobile health (mHealth), specifically in the field of audiology.

**WHEN**  
Monday 7 December 2020  
12:15pm - 1:00pm EAT

**Public Lecture**  
[bit.ly/2JrnQ8R](https://bit.ly/2JrnQ8R)



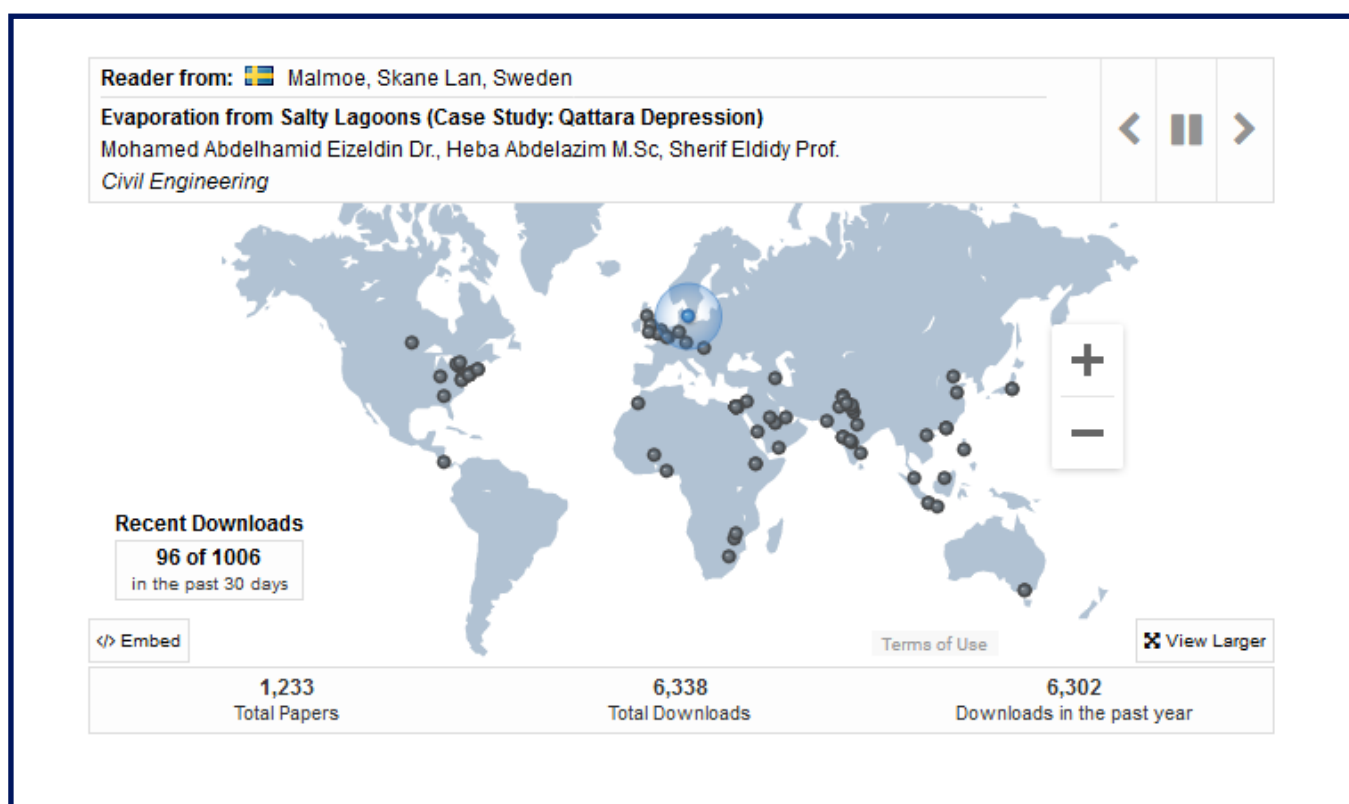
**Prof. Yehia Bahei-El-Din**



## BUE Scholar — Research Repository

BUE academics share their publications through BUE Scholar research repository. Interested researchers may download research papers from the following link:

<https://buescholar.bue.edu.eg>



Interactive Map of Real-time Downloads

The BUE Scholar interactive map shows the title of the research and the country in which the research is being downloaded in real-time.



Top Worldwide Downloads per Paper on BUE-Scholar	
Title	Downloads
<i>The Impact of Employee Engagement on Job Performance and Organisational Commitment in the Egyptian Banking Sector.</i> <b>Maha Dajani</b>	1161
<i>Bioactive lead compounds and molecular targets for the treatment of heart disease. Phytochemicals as Lead Compounds for New Drug Discoveries.</i> <b>Maha Salama, Shahira Ezzat, Mohamed Salem</b>	290
<i>Patriarchal Ecocide: An Ecofeminist Reading of Rahul Varma's Bhopal and Henrik Ibsen's An Enemy of the People.</i> <b>Rania M Rafik Khalil</b>	192
<i>Impact of Sustainable Supply Chain Management Practices on Egyptian Companies Performance.</i> <b>Ola Mamdouh, Khaled Adry, Baasam El Ahmady</b>	159
<i>Adoption, Importance and Barriers to the Implementation of Contemporary Management Accounting Practices: Evidence from Egypt.</i> <b>Amani Hussien</b>	149
<i>The Impact of Motivation on Organisational Citizenship Behaviour (OCB): The Mediation Effect of Employees' Engagement.</i> <b>Safaa Shaaban</b>	121
<i>The International Financial Reporting Standards and Firm Performance: A Systematic Review.</i> <b>Wafaa Salah</b>	120
<i>Flipped Teaching and Learning In English Language Programmes In Higher Education.</i> <b>Shadia S. Fahim, Rania M Rafik Khalil</b>	114
<i>A Balanced Participatory Knowledge Management Strategy in International Development Organizations: The Case of CIDA Egypt.</i> <b>Hadia Fakhreldin</b>	102
<i>Workplace Gender Discrimination and Job Performance in Egypt: The Moderating Role of Equity Sensitivity.</i> <b>Mohamed Saad</b>	91
<i>Natural Products for the Management of Cardiovascular Diseases.</i> <b>Maha Salama, Shahira Ezzat, Mohamed Salem</b>	79
<i>Dietary Xanthones.</i> <b>Dina M. ElKersh, Mohamed Farag, Hesham ElSeedi, Omar ElKhatib</b>	78
<i>Strengthening of Corroded Steel Structures Using CFRP - An Experimental Review.</i> <b>Ghada ElMahdy, Eng. Abdallah Yassin, Abdrahman Khaled</b>	77
<i>Quantitative Analysis of Watershed Geomorphology and its Hydrological Implications Using GIS: Case Study of Billi Drainage Basin, Egypt.</i> <b>Mohamed AbdelHamid Ezzeldin, Omar ElMosalmeh</b>	73
<i>Preprint (medicine and pharmacology, preprints.org): Avoiding COVID-19 Complications with Diabetic Patients Could Be Achieved by Multi-Dose BCG Vaccine: A Case Study of Beta Cells Regeneration by Serendipity.</i> <b>Bassam Ayoub, Nermeen Ashoush, Motaz Hendy, Mariam Tadrous, Eman Ramadan</b>	70
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<i>The Impact of COVID-19 Pandemic on Egyptian Women Psychological Empowerment and Work-Life Balance.</i> <b>Maha Dajani, Bassant Adel Mostafa</b>	67

## Postgraduate Programmes



BAEPS

⇒ Political Science (M.Sc.) **NEW**

⇒ MBA in Marketing

⇒ MBA in Applied Finance & Economics



CMM

⇒ Digital Media (M.Sc.) **NEW**



Engineering

⇒ Renewable Energy Engineering (M.Sc.)

⇒ Renewable Energy Engineering (M.Eng.)

⇒ Advanced Materials Science and Engineering (M.Sc.)

⇒ Advanced Materials Science and Engineering (M.Eng.)

⇒ Sustainable Engineering Design & Construction (M.Sc.)

⇒ Sustainable Engineering Design & Construction (M.Eng.)



Dentistry

⇒ Endodontics (M.Sc.) **NEW**

⇒ Operative Dentistry (M.Sc.) **NEW**



ICS

⇒ Web Science (M.Sc.)

## BUE Publications in Scopus

**2,500** appeared in Scopus.

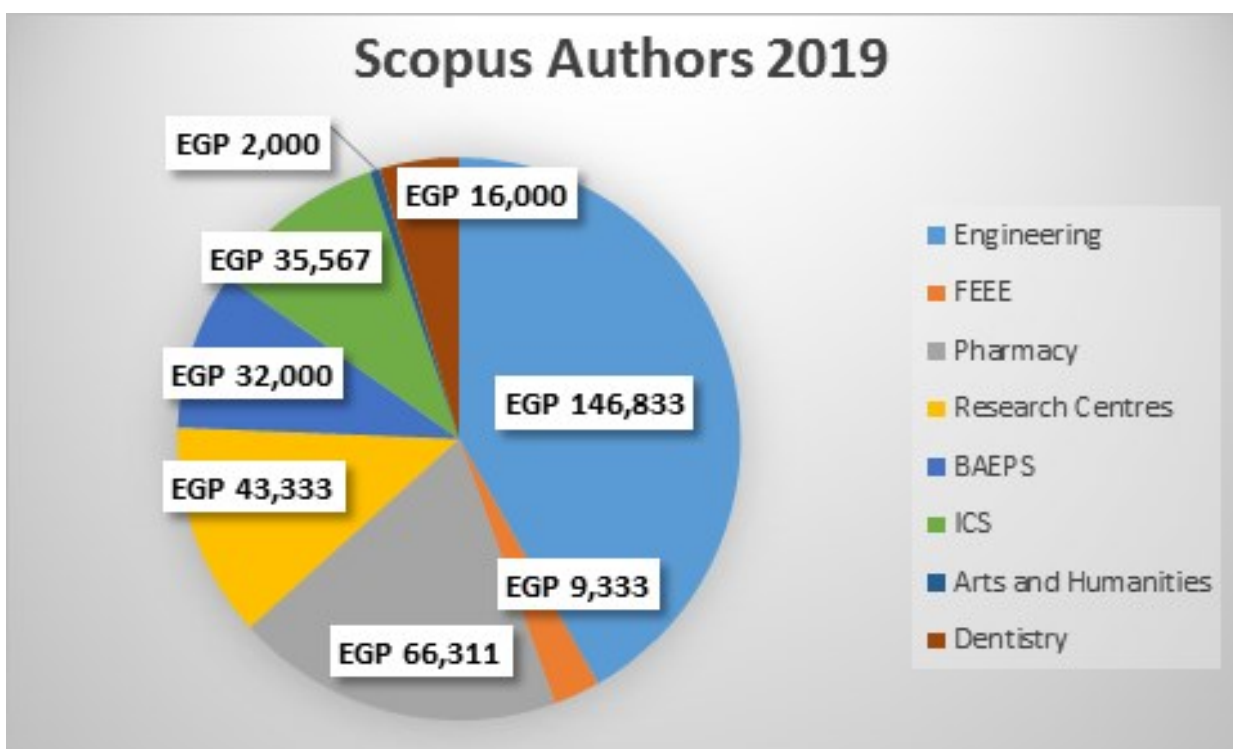
**400** indexed in Scopus in each of 2020 & 2019 (compared to 322 in 2018).

**125** indexed in Scopus since January 2021.

## Scopus Awards

BUE recognises authors and co-authors who publish papers indexed in Scopus. Scopus indexed research, directly impacts the university's World University Ranking. The BUE Scopus Award, is an annual award initiated by the university three years ago. This brings the total monetary reward for BUE academics over the past 3 years to around EGP 850,000.

A total figure of 351,000 EGP in awards was given to 116 academic staff members divided between BUE faculties as follows:



## Externally Funded Research Grants 2020-2021 | 12 M EGP

	Project Title	PI	Funding Agency	Value EGP
1	Development of a Novel Highly Sensitive Brucellosis Sensor Based on Surface Plasmon Resonance Spectroscopy	Amal Kasry, Nanotechnology Research Centre (NTRC)	ASRT National	1,300,000
2	Antiviral Masks for the Specific Protection of Doctors and Patients against Coronavirus	Amal Kasry, NTRC	ASRT National	400,000
3	Academic-Industrial Collaboration for Optimization of Antiviral, Cost-Effective Reusable Face Masks and Hospital Gowns	Hassan Nageh, NTRC	STIFA National	1,490,000
4	Optical Biosensor to Detect Covid-19	Amal Kasry, NTRC	PandemicTech International	204,000
5	Nano-Biomedical Diagnostics Laboratory	Amal Kasry, NTRC	STIFA/ National	9,200,000

The Nanotechnology Research Centre (NTRC) has national and international externally funded projects with the value of approximately 12.5 M EGP. The running projects are related to Biosensing technologies, which aim to develop highly sensitive biosensing techniques to help detect diseases at an early stage. Other projects are related to Covid-19 and finding solutions to help fight the pandemic, such as developing antiviral materials, anti-viral masks, antiviral gowns, as well as a sensitive sensor. These activities are run by the NTRC team in collaboration with partners from the AUC, Zewail City, and the Animal Health Research Institute.

## Technology Innovation Commercialisation Office

The Technology Innovation Commercialisation Office (TICO) is a key university establishment that focuses on science, sustainable mechanisms and technology development solutions. TICO's vision is to bridge the gap between research, industrial and societal needs. In turn, TICO maximises the economic and social impact.

The BUE Technology Innovation and Commercialisation Office supports innovation and technology in the areas that develop the business of existing firms and establishes strong and stable projects. TICO's vision and mission are achieved via its three operational offices:

### ⇒ Technology Transfer Office (TTO)

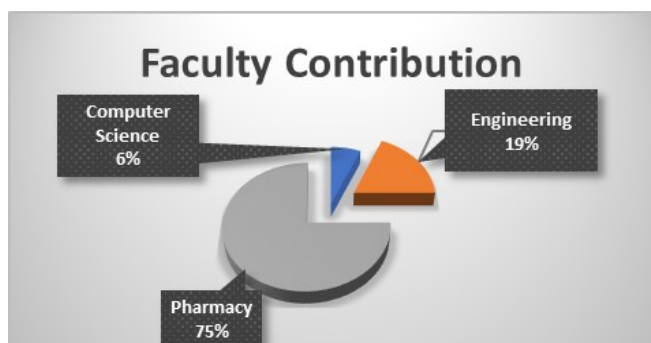
Supports and promotes research and technological needs for local industries in order to improve their technological capabilities.

### ⇒ Technology Innovation Support Centre (TISC)

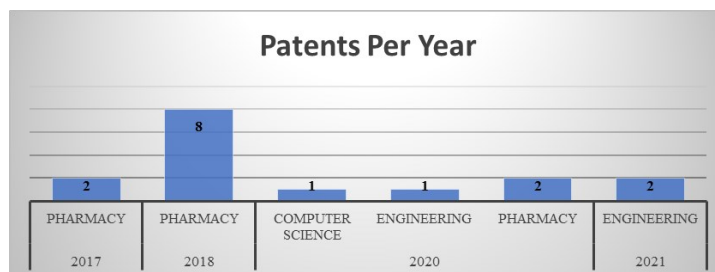
Supports the creation of patents and intellectual property, provides a pathway to those interested in submitting patents for their new research.

### ⇒ Grants and International Collaboration Office (GICO)

Is responsible for finding and providing opportunities of national and international technical and financial support for research projects.



Clarification of the patents' faculties contributed 2017 to 2021.



Number of patents applied for each year from each faculty

The TICO office is the main organiser of BUE boot camp and BUE Innovate events and is supported by a grant from the Academy of Scientific Research & Technology and BUE.

## Science and Innovation Park

BUE-Tus Science and Innovation Park (SIP) continues to provide the required ecosystem that help businesses and startups thrive in today's tough economy. The park provides a combination of high-quality office spaces, amenities and business-support services tailored to meet businesses' needs and hence enable their growth and success.

The park focuses on bridging the gap between the University and businesses, promoting BUE's research achievements and embracing all business enthusiasts under one roof to synergize, reinforce and boost each other.

The park's location in El Shorouk City, only 20km from Cairo Airport and the New Capital City, and allows for excellent communication links with nearby industrial cities including 10th of Ramadan, Badr, and El-Obour City.



### Companies at BUE's Science & Innovation Park



### BUE-Business Incubator

BUE BI team successfully attracted a grant of 8.5 million EGP to support BUE BI over three years with 6 million of seed funds to support 10 startups each year in the field of "Smart & green cities". This grant is funded from ASRT. BUE Business incubator also started its third incubation cycle in February 2021 with a total of five startups.



Developing a platform for collecting, managing, serving, mining, and analyzing data and information associated with sustainable practices of green heritage



Ngary

Developing a network to link interior designers and furniture manufacturers in Egypt



Designing and manufacturing smart home technology



Designing & developing a 3D game to convert the educational curriculum into an interactive 3D game



Developing an online marketplace to sell building materials

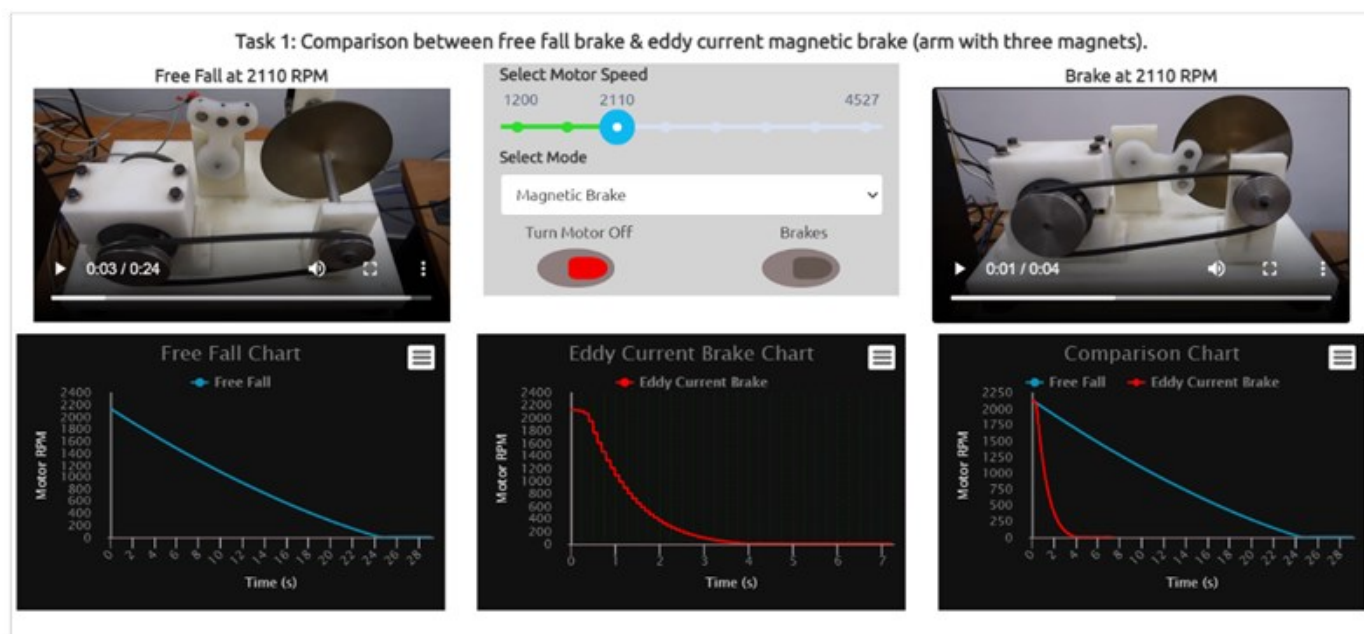
## Centre for Emerging Learning Technologies

The Centre for Emerging Learning Technologies (CELT) has developed a pilot test for a new generation of virtual experiments. Unlike the traditional virtual experiments which are usually based on mathematical models, the developed set of virtual experiments use stored data which have been obtained through a normal operation of the experiment to provide the same performance and outcomes of a real laboratory experiment, students usually do in on-campus lab facilities. Moreover, to enhance students' feeling of the practical experiment task, videos and images obtained during the real operation of the experiment, have been used in the development of the experiment's interface.

Virtual experiments represent a smart alternative for the standard on-campus labs, especially within the current Covid19 pandemic situation, where social distancing and online activities become a lifestyle.



Prof. Hani Ghali Amin  
Director



Virtual Experiment: Eddy Current Magnetic Brake System

## Centre for Theoretical Physics

In 2006 the BUE established the Centre for Theoretical Physics (CTP) as a centre for research in fundamental physical phenomena. Since then, it has found and consolidated a place on the international map; the physics programme at BUE consistently ranks at or near the top among Egyptian universities in the various annual international rankings. CTP members have built a significant network of international collaborations, particularly in the high energy physics, astrophysics and cosmology academic communities, including through their contribution to the CMS experiment in the Large Hadron Collider at the European Organization for Nuclear Research (CERN). In addition to the usual research collaborations, there were the following activities that took place during the past months:

Amr El-Zant (CTP director) is convener and co-chair of the Astroparticle Physics and Dark Matter session at the international conference: Beyond Standard Model: From Theory to Experiment (BSM - 2021) To be held online from 29 March to 2 April 2021.

'Sherif ElGammal (lecturer at CTP) contributed to brainstorming discussions on di-muon detection channels at the Large Hadron Collider", on March 15, in context of the CTP collaboration with CERN.

<https://indico.cern.ch/event/959266/>.



**Dr. Maria Jose Guzman**

Dr. Maria Jose Guzman, from the Institute of Physics at the University of Tartu (Estonia), is visiting the Centre for Theoretical Physics (CTP) during the month of March. She is collaborating with CTP members Alexey Golovnev, Adel Awad and Amr El-Zant on modified theories of gravity, beyond general relativity, studying their theoretical consistency and examining empirical consequences.



## Nanotechnology Research Centre

The Nanotechnology Research Centre (NTRC) at the BUE on February 9, 2021 organised and hosted the IUPAC Global Women Meeting to celebrate diversity in science. The Research event hosted 20 participants: researchers from the National Research Centre, BUE Research Centre Directors and early career researchers.

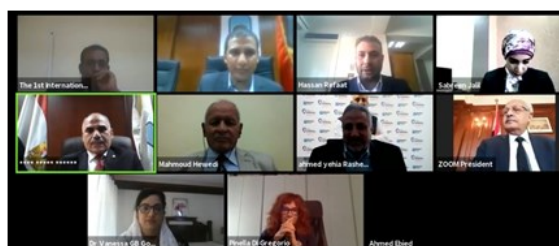
IUPAC Global Women's Meeting encourages more women to pursue a career in science; 324 events from 70 countries participated in the 2021 global event. The event was kicked off by Dr. Amal Kasry; the NTRC director giving a presentation on "Promoting the diversity in Science; a long-term dream". She elaborated on the gender equality and the gap between men and women in science in addition to the new findings on the percentage of women to men in science in Egypt. Then, Ms Shaimaa Goher, an assistant researcher at the NTRC-BUE and a representative of the International Younger Chemists Network (IYCN) in Egypt, gave a presentation about the IYCN organisation, their activities and opportunities, and a glimpse on IYCN's history. This was followed by a presentation by Prof. Amal Amin; Professor at the National Research Center in Egypt and a founder of many women in science initiatives and the women in science without borders (WISWB). Guests enjoyed a traditional Egyptian breakfast together around a table of open and sincere discussions on the impact of social interactions and networking on scientific productivity. The NTRC received a certificate of appreciation for participating in the 2021 IUPAC Global Women Breakfast.



## Farouk El-Baz Centre for Sustainability and Future Studies

Farouk El Baz Centre for Sustainability and Future Studies organised online lectures with the Civilization Rights Pioneers in collaboration with the Architecture Department, Faculty of Engineering at the BUE. The seminars were attended by national and international participants from Lebanon, Saudi Arabia and Jordan from 23rd November – 24th January 2021.

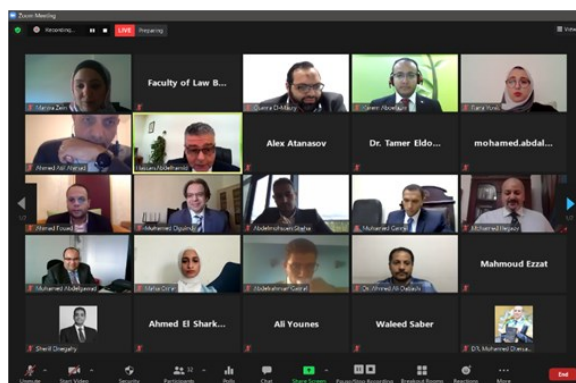
- Civilization Rights to Build Civilization at Luxor City with the Tourism Guide syndicate.
- Collaboration with the Arab African Organization: Civilization Rights.
- International competition for young architects” the competition aimed to design solutions for small spaces during Covid-19 challenge.
- Green Heritage Platform project won the BUE Innovate IV Competition. The start-up received 45,000 EGP as fund for the start-up and incubation at BUE's Business Incubator. For the project of Green Heritage platform and company of Civilizology Egypt.
- 1<sup>st</sup> International Virtual Conference on Tourism and Heritage Management in collaboration with Luxor University, Università Degli Studi Di Catania, Italy, Capital Normal University in China and University Externado Of Colombia.
- In cooperation with the Faculty of Engineering, Architecture Department, the Centre registered for the Student Union Real Life Competition organized by The Student Union's Real Life Competition (SURL).



## Centre for Law and Emerging Technologies

	Activity	Activity Type	Date	Brief
1	<b>Privacy and Data Protection Law: Critical Review</b>	Publication	October to March 2021	A critical review of the law no. 151 of 2021 on the Privacy and Data Protection. The study is an outcome of Centre's Webinar with experts followed by Round Table Discussions
2	<b>Law no. 151 of 2020 English Translation</b>	Publication	January to March 2021	Translation of the Egyptian Privacy and Data Protection Law, it is important for the legal community and the international investors.
3	<b>Journal of Law and Emerging Technologies</b>	Journal	March 2021	Editorial board of the new journal is formed and approved.
4	<b>Philosophy of Law and Technology</b>	Seminar	December 2020	In this seminar, researchers presented their ideas about the philosophy of law and technology, which will be included in the Centre's annual plan 2020-2021

### Privacy and Data Protection Law



Round table Discussion

## Research Centre for Governance, Innovation and Green Economy

The Research Centre for Governance, Innovation and Green Economy (CIGGE) organised and hosted a number of research events which include:

- Nuremberg Online Conference
- Agility and COVID-19 International Online Forum
- The Effect of COVID-19 on The Egyptian Maritime Sector and Ports
- International Conference: We are doomed! Brexit Revisited
- Online Digital Marketing Workshop
- Port Marketing & Statistics: Focus on The COVID-19 Period
- Reflections on The International Aspect of COVID-19 from an Organisational Culture Perspective
- How CBE HR Addressed The Challenges of COVID-19
- Be An Ambassador



## Research Centre for Irish Studies (RCIS)

**Research Seminars and Workshops organised and hosted by the BUE Research Centre for Irish Studies (RCIS)**

**Governance of the Pandemic: Theory, Practice and Dilemmas**—in collaboration with Regents Centre for Transnational Business and Management, Regents University, London, UK and the Faculty of Business Administration, Economics and Political Science, BUE.

**Empowerment and Refugee Women's Entrepreneurship**—in collaboration with Prince Mohamed Bin Salman College for Business and Entrepreneurship in Kingdom of Saudi Arabia, Gender Enterprise Network, Nottingham University Business School, United Kingdom and the Faculty of Business Administration, Economics and Political Science, BUE.

**From Celtic Fantasies to Irish Studies: Research in Irish Culture, Past and Present**—in collaboration with Centre for Irish studies, Charles University, Prague, Czech Republic and Institute for Irish Studies Waseda University, Tokyo, Japan.

Mental Health Ireland community workshop—coping in difficult times—Finola Colgan.

**The Job Market Post-Pandemic—Research Based Analysis** in collaboration with Foster Edge, Egypt.

### International Memberships

European Federation of Associations and Centres for Irish Studies (EFACIS)

International Association for Irish Literatures (IASIL)

### International Partnerships

Africa ELTA

Mental Health Ireland



**Research Centre for Irish Studies (RCIS)**

**Research Seminar**

**"From Celtic Fantasies to Irish Studies: Research in Irish Culture, Past and Present."**

Friday 19th February 2021

17:00-18:30 Cairo Local Time (18:00 CET / 18:00 GMT / 12:00 Am Japan)

**Prof. Orlaith Pihly**  
Director, Centre for Irish Studies  
Charles University, Prague &  
IASIL Chairperson

**Moderator: Prof. Hiroko Mizutani**  
Director of the Institute for Irish Studies  
Waseda University, Tokyo, Japan

**BUE VLMs virtual platform link:**  
<https://vms.bue.edu.eg/RCIS/RCISLogin>

**How to login in:**

1. enter your personal / work email
2. use the common password RCIS12345 to register and join the seminars.

Organized by: Dr. Rania M. Rifa'at Khalil



**Research Centre for Irish Studies (RCIS)**

**Research Seminar**

**Empowerment and Refugee Women's Entrepreneurship**

Friday 26 March 2021

Time: 7:00pm Cairo Local Time (18:00 CET / 17:00 GMT)

**Prof. Haya Al-Dajani**, Director of the MBA Signature Learning Experience, Prince Mohammed Bin Salman College for Business and Entrepreneurship & Co-Chair of Gender and Enterprise Network—Kingdom of Saudi Arabia

**Dr. Lorna Treanor**, Heriot Watt Institute Divisional Research Director, Nottingham University Business School, & ISBE Vice President for Research, United Kingdom

**BUE VLMs virtual platform link:**  
<https://vms.bue.edu.eg/RCIS/RCISLogin>

**How to login in:**

1. enter your personal / work email
2. use the common password RCIS12345 to register and join the seminars.

**Moderator: Dr. Hala Hattab**  
Associate Professor of Entrepreneurship, Head of Entrepreneurship and Business Unit at the Business Administration Department, Faculty of BAEPs The British University in Egypt (BUE)

**Special thanks to:** the Faculty of Business Administration, Economic and Political Science (BAEPs), BUE

Prof. Wadouda Badran - Dean of the Faculty of BAEPs, Prof. Hada Fakhreddin, Professor of International Business & Vice Dean for Teaching & Learning, and Dr. Mohamed Rashwan, Head of Department of Business Administration.

Website: <https://www.bue.edu.eg/bue-research-centre-for-irish-studies-rcis/> organized by: BUE RCIS Dr. Rania M. Rifa'at Khalil

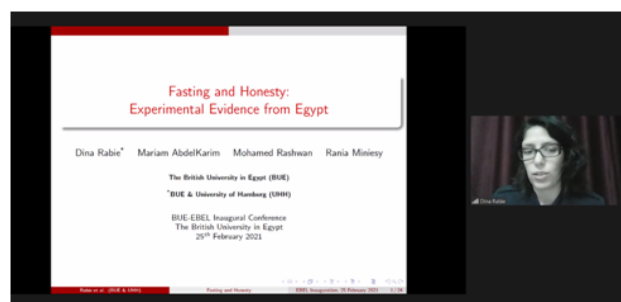
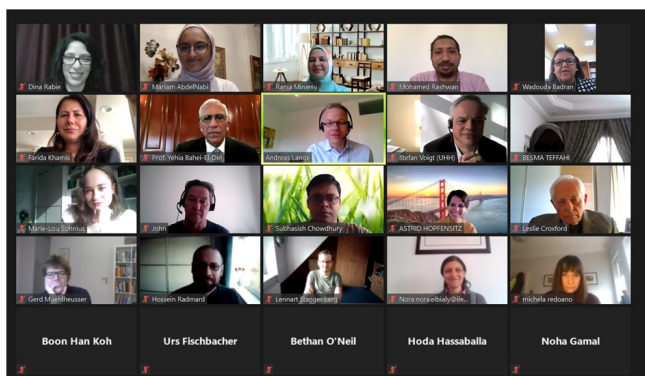
## Research Events

### Experimental and Behavioural Economics Laboratory

Experimental and Behavioural Economics Laboratory (EBEL), established by the Economics Department at the BUE, is one of very few experimental laboratories in Egypt and the Middle East. EBEL, aims to provide state of the art data collection services to address novel research questions on individual behaviour.

The BUE worked in close cooperation with the University of Hamburg to provide the know-how and training to human capital at the BUE. To mark the inauguration of EBEL, the Economics Department on 25<sup>th</sup> February 2021, hosted an international conference featuring distinguished speakers in Behavioural and Experimental Economics from various international universities including University of Hamburg, London School of Economics, Oxford University, University of Warwick, Toulouse School of Economics, and University of Alabama among others. Over 100 academics and researchers attended EBEL’s inaugural conference representing 52 universities from 18 countries including the UK, USA, Germany, Switzerland, Sweden, Italy, China, Tunisia and Lebanon. The conference presented a breadth of topics around culture, risk, parenting, group versus individual and honesty behaviours among other intriguing topics.

Inaugural speeches prior to the online conference were given by Mrs. Farida Khamis, Chair of the BUE Board of Trustees, Prof. Yehia Bahei Eldin, the Acting President of the BUE and the Vice-President for Research and Post-Graduate Studies, Prof. Wadouda Badran, the Dean of the Faculty of Business Administration, Economics, and Political Science, and Assoc Prof. Dr. Rania Miniesy, the Acting Head of the Economics department. The speeches shed light on the growth of the BUE, its internationalisation strategy, the significant contribution EBEL is bringing to the international research community and the future vision for EBEL.



## Grants

### DAAD Grant—MOU agreement with University of Cologne

The Economics Department has recently signed an MoU with the University of Cologne to mark the beginning of the DAAD-funded project “Building a Sustainable Energy Future” (BaSEF). The one year Project, seeks to establish a cultural dialogue between Germany and Egypt, and builds a long-term academic cooperation between the Institute of Energy Economics (EWI) of the UoC and the Economics Department of the Faculty of Business Administration, Economics and Political Science at the BUE. The cooperation aims at building a strong research network and facilitating student and staff exchanges to allow the transfer of knowledge and skills needed to develop sustainable energy solutions. The research outcomes of the project will shed light on energy problems in Germany/Europe and in Egypt/the MENA region, and will discuss perspectives for a sustainable global energy future. The cooperation between the UoC and BUE is also considered an important cornerstone for both universities in order to further develop their internationalisation strategies.

### DAAD Grant—MOU agreement with University of Hamburg

Building on the successful cooperation between the Economics Department at BUE and Institute of Law and Economics, University of Hamburg, a new MOU was signed for the DAAD-funded project “The Arab Data-Bank of Law and Economics: Digitizing and Encoding Legal Text”. The project also includes Aswan University and the Faculty of Economics and Political Science at Cairo University and runs from March 2021 to December 2023. The project aims at promoting research in the field of legal text analysis using artificial intelligence (AI) methods in Egypt, endorsing exchange programmes between the partner universities, and introducing data mining in the Economics department teaching programme at the BUE. The project with its emphasis on novel methods is at the frontier of scientific knowledge in Economics worldwide.

## About BUE Research Newsletter

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