

Activities:

- The faculty of Pharmacy has established a specialized center for international publication consultation and nanotechnology in 2019. Since its opening, the center carried out about 200 research consultation including electronic ones. The manager of the center has signed 7 international MOUs for international publication, one of which is already published in the highest 5% ranked journals according to JCR. The MOUs are with:
 - Laboratory for Molecular Design of Pharmaceutics, Faculty of Pharmaceutical Sciences,
 - Hokkaido University Japan
 - Department of Internal Medicine and Medical Specialties, University of Genoa, Genoa, Italy
 - Department of pharmaceutics; faculty of pharmacy; Damanhur University
 - Department of pharmaceutics; Alexandria university
 - <https://www.pua.edu.eg/continuing-education/international-publication-nanotechnology-consultation-center-incc/>
- PUA-Faculty of Pharmacy participates in the alliance with a subproject entitled “Galanthamine / Chitosan Complex Nanoparticles: Form Bench to Bedside”. The current project aims at conducting a complete pharmacokinetic/pharmacodynamic study in Alzheimer’s disease animal model; which should be the starting point of transforming this prototype nanoparticle system from bench to bedside, offering better patient compliance, therapeutic outcomes, and decreased galantamine dose; thus lower production cost.
<https://www.pua.edu.eg/continuing-education/international-publication-nanotechnology-consultation-center-incc/>
- The Nutrition Department at the *Faculty of Allied Medical Sciences* launched “Healthy Campus Initiative” on Tuesday, 9 April, 2019. This initiative aimed at highlighting the profound impact of nutritional knowledge in eradicating health illiteracy. According to the findings of the researches conducted last year which showed low health and nutrition literacy, the main objective of this study is to raise the students’ nutritional and health awareness through informing the students the basic nutrients, their sources and functions as well as promoting conscious eating habits by using models of dietary guidance systems and healthy eating; traffic light system and healthy eating pyramid.
<https://www.pua.edu.eg/the-faculty-of-allied-medical-sciences-launched-a-healthy-campus-initiative/>
- The Faculty of Pharmacy held an awareness campaign on Blood pressure and heart diseases, and Osteoporosis among students of Pharos University on 5/3/2019, 22/11/2019 and 30/11/2019 respectively. Blood pressure and Blood sugar levels were measured during the campaign and used to serve the awareness activity.

<https://www.pua.edu.eg/the-faculty-of-allied-medical-sciences-launched-a-healthy-campus-initiative/>

- The Faculty of Pharmacy has established a project entitled : Integrated Pharmaceutical Alliance (IPA); towards production of technology based Egyptian Pharmaceutical products. The alliance is funded by the Academy of Scientific Research and Technology under the Egypt Research and Technology Alliances (EG-KTA) Program. Its general objective is the integration of pharmaceutical industry with academia, public sectors and Non-Governmental Organization (NGO) to deepen local manufacturing in pharmaceutical industries and increase its competitiveness.

Integrated Pharmaceutical Alliance




4- Pharos University in Alexandria (PUA)

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- Production of Galantamine/ chitosan complex Nanoparticles




Gd-loaded DS-NP2 nanoparticles (Pharos)



The alliance constitutes from different partners;

- 4 academic partners : German university(GUC), Pharos University in Alexandria (PUA) National Research Center (NRC), Arab Academy of Science, Technology and Martinme
- 5 industrial partners : (El-Nasr, Memphis, Health Tech & ATOS),
- 2 from public sectors

- (NODCAR & Vacsera) and one NGO (Misr el Kheir)
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- The faculty of Dentistry sent an aid convoy teemed with dental personnel and supplies, to Al Hadayah Nursing Home on Wednesday, 26 February 2020. The PUA dental staff examined more than 100 male and female patients of the residents of the nursing home and provided them with free of charge treatment. The PUA dentists also gave the residents some tips of how to take care of their teeth. They also gave them toothpastes and tooth brushes as gifts from the faculty of Dentistry.



<https://www.pua.edu.eg/a-medical-aid-convoy-to-al-hadayah-nursing-home/>

- The faculty of Pharmacy and Drug Manufacturing launched a campaign to raise awareness about vitamin D on Tuesday, 10 December 2019 in the foyer of the faculty. This was held in cooperation with the faculty scientific committee. During the campaign, a number of leaflets that had many information about Vitamin D and its importance, were distributed. A group of the faculty students also



introduced the faculty administrative staff and students of different faculties to the importance of Vitamin D, how to monitor its level in the body, the symptoms of its deficiency and the risks of increasing in its level in the body.

<https://www.pua.edu.eg/why-do-you-need-vitamin-d/>

- The faculty of Pharmacy and Drug Manufacturing organized a field trip to El Miri Hospital for the fourth-year students. The aim of the trip was to introduce the students to the clinical pharmacy applications in the hospital. The students visited the oncology department where chemotherapy drugs are prepared for patients, the radiotherapy department, the dialysis unit and the Total Parenteral Nutrition (TPN) Unit. The supervisors of these departments explained the role of hospital pharmacist in different departments and the procedures followed to ensure the quality of pharmacy services as well as the preventive measures to ensure occupational health in different departments.



<https://www.pua.edu.eg/a-field-trip-to-el-miri-hospital/>

- The faculty of Physical Therapy organized a trip to the National Institute of Neuromotor System on Thursday, 19 December 2019. The trip aimed to provide the students with the opportunity to identify different cases of mobility impairment, how to treat and follow them up. Firstly, the students took a tour in the institute to visit the neurological rehabilitation unit, the orthopedic unit and the pediatrics unit. Then, they went to the physical therapy building and visited the hydrotherapy department; a section which the institute is distinguished by all over Egypt. At the end of this tour, the students were introduced to the Splints and Artificial Limbs Factory and their different manufacturing phases.

<https://www.pua.edu.eg/a-trip-to-the-national-institute-of-neuromotor-system/>

- The faculty of Physical Therapy, in cooperation with Sonaa Al-Hayat student club, organized a visit to Mohamed Ragab Nursing Home on Tuesday, 10 December 2019. The students spent quality time with the residents and did many activities with them. At the end of the visit, the students distributed gifts, including mus'hafs, rosaries and decorated colored cups.

<https://www.pua.edu.eg/a-visit-to-mohamed-ragab-nursing-home/>



- The Faculty of Applied Health Sciences Technology organized a field trip for the students of the third and fourth year classes to El Shatby University Hospital for Children. This was held on Wednesday, 26 February 2020. During the visit, Associate Prof. Maha Youssef, the Head of the Hematology Unit escorted the delegation in a tour around the hospital different departments, including the Endocrinology Department, the Gastroenterology Department, the Hematology Department, the Dialysis Unit and the Reception. At the end of the visit, the delegation visited the university blood bank where the students were acquainted with the blood transfusion process, the apheresis technology and the apparatus used in it.

<https://www.pua.edu.eg/a-field-trip-to-el-shatby-university-hospital-for-children/>

- The Faculty of Applied Health Sciences Technology organized a campaign to raise the awareness of the faculty students about vitamin (D) deficiency on Tuesday, 10 March 2020. The campaign shed light on the importance of vitamin (D), its nutritional sources, the causes of its deficiency and deficiency tests. During the campaign, food and drinks rich with vitamin (D) were distributed.

<https://www.pua.edu.eg/raising-awareness-of-vitamin-d-deficiency/>



- The faculty of Tourism and Hotel Management made a video in Spanish for giving moral support to coronavirus patients in Egypt and Spain and urging them to stay home. A session was held on Saturday, 25 April 2020 to display the video which is considered a practical application of the course of "Spanish as a Second Language".

<https://www.pua.edu.eg/a-video-for-supporting-coronavirus-patients-in-egypt-and-spain/>

Video link:



https://www.youtube.com/watch?reload=9&v=02UstHuHs&feature=emb_title

- The faculty of mass communication produces a short film on a film called “ Devetsia” demonstrating the environmental resources on land, water resources, desert ecosystem services regarding natural health treatments, and ecotourism in sustainable cities.

<https://www.youtube.com/watch?v=sQrc2ufKFC4&list=PLsZ1HNiwxSAPBp9Ff74mHK1NbRVLCp-52&index=2>