



## Annual Report 2022-2023

### Faculty of Health Sciences

#### I. REFLECTION

The academic year 2022-2023 has been a year of exceptional achievements and fruitful collaborations for the Faculty of Health Sciences at Beirut Arab University (BAU). These achievements and initiatives have encompassed a wide range of themes, showcasing our resolute commitment to excellence in education, research, community engagement, global cooperation and quality control. Despite the challenges posed by the economic crisis, the faculty has shown resilience, adaptability, and a strong sense of purpose in preparing the next generation of healthcare professionals and advancing the research and practice of healthcare in Lebanon. One of the most notable achievements of the Faculty of Health Sciences at BAU during this academic year has been its commitment to innovation and adaptation in the face of challenging circumstances. Immense focus has been paid to our clinical education, an integral part of our curricula. As the number of students has grown, we have forged new collaborations with clinical sites, expanded our staff, remodeled laboratory practice sessions, and intensified training and coordination with clinical instructors from these sites. This ensured that our students receive relevant hands-on training without compromising the quality and value of their clinical experiences. Another main focus for the past year has been the internationalization of our programs. The faculty have strived to deepen its connections with existing partners, while forging new relationships and agreements with international institutions and research teams. Global exchange projects paved the way for new programs, research projects, curricular enhancements, as well as learning and cultural experiences for both staff and students. Furthermore, the faculty's commitment to community engagement and outreach has been evident throughout the academic year. Initiatives such as health awareness campaigns, outreach initiatives, trainings, and innovative community projects have demonstrated the faculty's dedication to improving the health and well-being of the local and regional community. In terms of research, the past year entailed the engagement of students and staff in advancing our understanding of various pressing healthcare issues, while achieving various international research grants, publishing in renowned international journals, and serving in editorial boards. Finally, the faculty have reinstituted its journey to quality control by renewing its international accreditation status in its various departments and centers. As we look ahead to the future, it is clear that the Faculty of Health Sciences at BAU will continue to play a vital role in shaping the healthcare landscape in the region and making a positive impact on the health and well-being of the community it serves.



## II. TEACHING & LEARNING

- The nursing department signed a new international agreement with St. Gallen University which involves academic exchange opportunities for faculty members and post-graduate students. The agreement also opens the opportunity for joint research projects and programs.
- The MLT deptment established two new research labs:
  - Molecular Testing lab: the nucleic acid extraction and the PCR (conventional and real-time) sections with a budget of 55,000 euros. These sums were part of the ERASMUS+ grant.
  - Cancer and Immunology lab
- The Nutrition and Dietetics department used new strategies:
  - Inviting Guest speakers from the food industry to the classes of Bsc and Msc courses bring practical knowledge and real-world experience to the classroom, as well as networking opportunities.
  - Empowering senior students by providing them with the opportunity to deliver training on food safety to school students, including interactive games.
  - Conducting a HACCP workshop and BRCS seminar in collaboration with Farmer-to-Farmer Venture37 funded by USAID. The event brought together students, alumni, and industry representatives, providing a perfect platform for knowledge sharing and networking across various sectors
  - Enhancing critical thinking through integrating peer-reviewed journal papers in classrooms discussions for the different courses.
  - The use of hands on virtual case studies scenarios in practical clinical nutrition courses sessions to support hands on learning experiences and critical thinking and problem solving skills.

### **Clinical training:**

- The faculty of health sciences and namely the nursing and medical laboratory departments have signed an agreement with Dar Al Ajaza that establishes collaboration on the levels of clinical practice and future research (September 2023)
- The BAULS ITC inaugurated new centers in Iraq, Morocco, and Turkey.
- The BAULS ITC delivered BLS training to the Riyadi Basketball team players, management, and trainers (December 2022)
- The BAULS ITC has provided BLS, ACLS, PALS, and Heart Saver training courses for members of the International Organization of Migration (February 2023)
- The BAULS ITC has provided NRP training courses for members of the Palestinian Red Crescent Society (February 2023)
- The BAULS ITC provided Heart Saver training courses for members of the USAID (February 2023).



### III. ACHIEVERS

#### Nursing Department

- Dr. Mirna Fawaz served as a speaker at the 14th International Nursing Forum, Bahrain (May 2023)
- Dr. Mirna Fawaz served as a speaker the 8th International Asian Congress on Contemporary Sciences, Turkey (May 2023)
- A team from the nursing department led by Dr. Mirna Fawaz have completed a visit to the Arctic University of Norway in Tromso, as a continuation of the Global ERASMUS+ Project, where they had the chance to familiarize with the nursing program and the clinical training site there. The visit have successfully led to joint research projects, student and staff exchange missions and discussions on starting joint master programs in leadership, mental health nursing and public health (November 2022)
- A team from the nursing department at Arctic University of Norway was guided by Dr. Mirna Fawaz through a tour around Rafik Hariri University Hospital, Makassed General Hospital and Clemenceau Medical Center in an exploration of the working environments especially in critical care units. The team also checked the clinical training that was accommodated by our nursing department for the Norwegian nursing students, and plans were discussed for research collaborations (December 2022)
- The department has received two professors from LMSU in Lithuania through ERSAMUS+ exchange. The incoming teaching faculty delivered lectures to postgraduate students and they discussed future research prospects with the team (April 2023)
- Mr. Mohammad Itani coordinated and supervised the senior nursing students participation in the annual IBDA event held at AUB which focused on innovation in the current Lebanese crises (May, 2023).
- Mr. Mohammad Itani coordinated and supervised the senior nursing students participation in the IDEA Lab event organized by BeryTech and Farah Social Association focusing on innovation and entrepreneurship in the current Lebanese, where they applied innovative ideas they developed in the community course, for a chance to win a validation grant of 1500\$ (May 2023).
- The BAULS ITC monitored the inauguration of the first AHA center in Casablanca, Morocco where it was designated under its referral status and Mrs. Mayada Boumehdi had the chance to visit, audit the center, and prepare the training faculty (November 2022)
- Mrs. Mayada Boumehdi monitored the addition of the PALS discipline to the AHA center at Koch University in Turkey (November 2022)
- The team from Basra, Iraq visited the BAULS center for monitoring (May 2023)
- Mr. Karim Khabbaz supervised second year nursing students in delivering first aid and BLS workshops to school students in collaboration with Yohan Association (December 2022) and to staff of LOYAC NGO (July 2023)



- Mr. Karim Khabbaz supervised undergraduate senior nursing students in providing BLS training for BAU students who are members in the university drama club in addition to employees of Malik's bookshop (March 2023)
- Dr. Ibrahim Kadamani supervised nursing students in delivering a university-based awareness campaign on Cholera, where they have coordinated the logistics, designed flyers, screened an educational video and delivered awareness through talks, games, and knowledge testing questions (November 2022)
- Dr. Hiba Deek was invited for an interview at the radio station to discuss her work titled Nursing care for patients with heart failure. The 45-minute talk involved practices patients with heart failure could abide to maintain wellbeing and avoid complications such as fluid retention and hospital admission. (August 26, 2023).
- Dr. Hiba Deek attended the 23rd international congress for the STTI in Abu Dhabi. The four-day activity involved a presentation which was titled Clinical and psychological characteristics of heart failure patients and medication adherence in a developing country. Also, Dr Hiba moderated three sessions during the congress and attended scheduled sessions based on interest and availability. This trip was partially funded by the STTI society for nurses to an amount of US \$1000. (July 19 to 22, 2023).
- Dr. Hiba Deek was invited as part of the Erasmus Exchange Program to Ataturk University to investigate means for collaboration with the nursing team in Erzurum. Dr Hiba gave a talk about her research interest and ongoing research and explored means of collaboration with the team at the university. (June 12 to 19, 2023).
- Dr. Hiba Deek delivered the Design Thinking workshop to selected senior students of the different faculties at Beirut Arab University and the Alumni Office. The workshop was interactive and informative using colors and tools to help understand the process of the design Thinking. (May, 2023).
- Dr. Hiba Deek organized a webinar on the motivational interviewing in chronic diseases where she gave examples on the heart failure population who are her research focus. This was organized in collaboration with Dr Angela Massouh from the Hariri School of Nursing at the American University of Beirut. (October 2022).
- Dr. Hiba Deek, Assistant Professor of Nursing in the Nursing department at the Faculty of Health Sciences has been elected as a member in the Disciplinary Committee at the Order of Nurses in Lebanon. (June 18, 2023).
- Senior nursing student Adam Ikkawi received the Lions Club Award in recognition of him being an outstanding student nurse (June 2023)
- Two undergraduate nursing students have accomplished their exchange mission at LMSU in Lithuania (March 2023)
- Student Zikar Saredine have successfully completed his his mobility exchange at Arctic University of Norway (March 2023)
- Two junior nursing students (Diala Darwiche and Rana Koronfol) will be attending the Lithuanian University of Health Sciences this fall semester as part of the ERASMUS+ exchange program (September 2023)



### Medical Lab Technology department

- MLT student 'Haifa Al Ayssami' participated in a one year student research internship 'at Mohamed Ben Rashid University (MBRU), college of medicine and Health sciences, Dubai (Oct 2022-Sep 2023).
- Dr. Salim Moussa organizaed a webinar titled: SCIENTIFIC RESEARCH EMERGING CONCEPTS & ETHICAL CHALLENGES. The e-conference was organized in partnership with the Institute of Human Genetics (IGH) in Montpellier, France and the Lebanese National Center for Scientific Research (CNRS-L). (October, 2022)
- Dr. Salim Moussa organizaed a webinar titled: 1<sup>st</sup> edition -Cancer and Immunity. Research scientists from the 'Institut de Recherche en Cancérologie de Montpellier, (IRCM)' and 'Institute of Human Genetics, Montpellier (IGH)' provided students and researchers at Beirut Arab University with latest advances in immunotherapy and resistance to cancer therapies. (November, 2022).
- Dr. Pia Chedid collaborated with Save the Children NGO and Doctors without Borders NGO to organize for the Faculty the World Health Day an event entitled: "How to make health for all a reality? Challenges and achievements of Health Professionals in Lebanon." (April , 2023).
- Dr. Pia Chedid as a member of the Students' activities committee organized the Cholera Awareness Day (Oct. 31, 2022) and Diabetes Awareness Day for the Faculty (Nov. 21, 2022).
- Dr. Fatima Saleh was interviewed by BBC to talk about her recent research on the toxicity of acrylamide. The interview was published <https://www.bbc.com/future/article/20230224-should-you-avoid-eating-burnt-food> (February, 2023).
- Dr. Salim MOUSSA initiated an international partnership between the MLT department and the Institute of human genetics, IGH Montpellier, France for the upcoming academic year 2023-2024. Main activities are Master student research internship, lectures and webinars, introduction to advanced research lab facilities at IGH.
- Dr. Pia Chedid became a member of the European Society for Clinical Investigation (ESCI).
- Dr Pia Chedid was awarded a travel grant by the European Society of Clinical Investigation to present her work on "Prevalence of type 2 diabetes (T2D) in Lebanon: association with inflammatory and infectious clinical markers' at the 57th Annual meeting of the ESCI, Prague, Czech Republic. The abstract was published in the European Journal of Clinical Investigation Volume 53, Issue S1 (June, 2023).
- Dr. Elie Sokhn was a guest speaker in a conference entitled: "Do not host Cholera for the holidays: Testing and Prevention of Cholera" at Notre Dame University (December, 2022).



- Dr. Elie Sokhn received a research grant as PI in collaboration with the Lebanese Hospital Geitaoui-UMC and York University-Canada for the project entitled: Strengthening Lebanon's pandemic surveillance system through AI-driven automation of laboratory data, amount: up to \$267,500 (July, 2023).
- Dr. Fatima Saleh was awarded the Daniel Turnberg Travel Fellowship led by the Academy of Medical Sciences, UK. This fellowship provided Dr. Fatima with the opportunity to spend three weeks at the Biology department at University of York and to work with leading experts on stem cell-derived exosomes.
- Dr. Fatima Saleh joined the Royal Society of Biology, UK.
- Dr. Said El Shamieh and Dr. Elie Sokhn organized the Real-Time and Conventional PCR Hands-On Training for Molecular Diagnosis in collaboration with the Center For Continuing & Professional Education (CCPE) at Beirut Arab University (July, 2023).
- Dr. Said El Shamieh represented Beirut Arab University in the OPPM all-partners meeting in Alexandroupoli, Greece (July, 2023).
- Prof. Rajaa Fakhoury & Dr. Said El Shamieh represented Beirut Arab University in the OPPM all-partners meeting in Kiel, Germany (September, 2023).
- Students from the Medical Laboratory Technology Department, under the supervision of Mrs Lama Hanbali won the 1st Price at the 17th International Biodiversity Day (IBDAA) 2023 competition on Research and Innovation for their initiative 'Beeswax as a potential alternative for paraffin waste in Histopathology-a case study from BAU-FHS' (May, 2023).

### Physical Therapy Department

- Prof. Ibtissam Saab, Dr. Ayman El Khatib participated in the world Physiotherapy congress 2023 organized by World Physiotherapy (WPT) that was held in Dubai (United Arabs Emirates), as a member of the WPT education committee in a session discussing the physiotherapy programs education standards (June 2023).
- Prof. Ibtissam Saab, Dr. Rami Abbas, Mrs. Diana Khanji, and Mrs. Nadine Asaad organized and participated in the workshop "Basic Dry Needling Course" in collaboration with the CCPE - BAU in PTOC on (October 2022-May 2023)
- Prof. Ibtissam Saab, Dr. Rami Abbas, Dr. Ayman El-Khatib, Dr. Ahmad El Melhat, Dr. Hussein Abo Yassine, Ms. Diana Khanji, and Mrs. Nadine Asaad organized the scientific meeting entitled "Meet the Expert -2 (Understanding chronic pain – Are we missing the mark?" by Dr. Rachid El Khoury in Ali Rashed Hall (March, 2023)
- Dr. Rami Abbas facilitated the scientific meeting entitled "Meet the Expert -1" about spasticity management organized by PTD – BAU in collaboration with FHS Tripoli Branch (January, 2023)
- The members of the PT department attended the webinar "Guidance for developing a curriculum for the physiotherapist entry level education programme" organized by World Physiotherapy (WPT) (November, 2022).



- Prof. Ibtissam Saab served as a member of the Technical Committee in the Ministry of Education and Higher Education (MEHE) responsible to study the curricula of Physical therapy programs in Lebanon.
- Prof. Ibtissam Saab served as a member and Vice President of the LOPT and a Secretary of Educational Affairs in LOPT till November 2022.
- The members of the PT department participated in BLOM Beirut Marathon organized by the "Beirut Marathon Association" as medical team (November, 2022).
- Prof. Ibtissam M. Saab has been chosen as a member in both the accreditation and the educational committees at "World Physiotherapy".
- Prof. Ibtissam Saab, Dr. Rami Abbas joined as a member in the reviewer board of the "Delta University Scientific Journal"
- Dr. Rami Abbas participated in the training workshop (Digihealth), part of a series of three training workshops, held under the auspices of (Tecomsa Co./Dr.Baalbki –Mrs. Merhibi)" organized by Faculty of Pharmacy – Lebanese University – Hariri campus in National Digi health center - Faculty of pharmacy- Lebanese University- Hariri campus (June, 2022).
- Dr. Rami Abbas participated in the meeting for DIGIHEALTH project about digitalization of medical education in NDU organized by Notre Dame University in Cooperation with Linnaeus University (LNU) as the Grant Holder University- Sweden in Notre Dame University – Lebanon [PROJECT FUNDED BY ERASMUS] (October, 2022).
- Dr. Rami Abbas participated in the workshop "Rehabilitation Evidence Based Practice workshop: Hands on Approach" organized by the ICRC in Crown Plaza Hotel (November, 2022).
- Dr. Rami Abbas attended the intensive course "In-Service Training and Capacity Building (Wp5) eHealth, Big Data Analysis, Medical Informatics and Technology, and artificial intelligence" organized by Al Azhar University in Cooperation with Linnaeus University (LNU) as the Grant Holder University- Sweden in Faculty of Medicine for Girls, Al-Azhar University Nasr City, Cairo, Egypt (September, 2022)
- Dr. Rami Abbas served as a Member of the Technical Committee in the Ministry of Education and Higher Education (MEHE) responsible to study the curricula of Physical therapy programs in Lebanon.
- Dr. Rami Abbas participated with 8 volunteer students from 3rd and 4th level in the half Marathon organized by the ISF (May, 2023).
- Dr. Rami Abbas was assigned associate editor for Bulletin of Faculty of Physical Therapy (Springer)
- Dr. Ayman El Khatib participated as a jury member to evaluate the projects presented from students from different faculties in the "Entrepreneurship Competition (IAAF Awards)" organized by the Center for Entrepreneurship at Beirut Arab University in Ali Rashid Hall – Beirut Campus.



- Dr. Ayman Khatib has joined the team of World Physiotherapy Network for Physiotherapist Educators (PTE) as moderator
- Dr. Ahmad El-Melhat delivered a lecture in the webinar "Physical Therapy and Osteoarthritis" organized by Scientific Committee - Department of physiotherapy, college of health sciences, Gulf Medical University. He gave a lecture entitled: "Evidence-based clinical practice guidelines for management of knee osteoarthritis" (September, 2022)
- Dr. Ahmad El-Melhat delivered a lecture entitled: Biomechanical Strategies for Knee Osteoarthritis. virtually at 4th International Physical Therapy Conference. Heliopolis Cairo (December, 2022)
- Dr. Ahmad El-Melhat served as a speaker at 22nd International Physical Therapy Conference Under the Title of: " Physical therapy and quality of life " at Cairo, the lecture was on: "Spinal Manipulation: What You Need to Know" (July, 2023).
- Dr. Ahmad El-Melhat delivered a workshop of Medical Taping in Sports Injuries in collaboration with CCPE - BAU (June 2022, May 2023)
- Dr. Ahmad El-Melhat delivered a series of workshops of Spinal Manipulation in in collaboration with CCPE - BAU (November-December, 2022)
- Dr. Ahmad El-Melhat organized the world health day event in Beirut campus with drew attention to this year's theme: 'Health for all'. (April, 2023)
- Dr. Ahmad El-Melhat organized the "CHOLERA AWARENESS DAY" event that was organized by the Students' Activities Committee - FHS (October, 2022).
- Dr. Ahmad El Melhat has become associate member in the International Headache Society

### **Nutrition and Dietetics Department**

- Dr. Nada EL Darra has been awarded a Tandem project grant from Arab-German Young Academy of Sciences and Humanities (AGYA) on a project with Goethe University, Germany: From Food Waste Valorization to Food Safety: a Zero Waste Approach, (Amount 15000\$, 12 months). PI: Dr Nada El Darra.
- Dr. Dima Kreidieh was elected as a member and chairman of the financial committee of the Lebanese Order of Dietitians (LOD).
- Dr. Nada EL Darra obtained a grant entitled "Exposure to Mycotoxins, Toxic Metals, and Pesticide Residues through the Intake of Breakfast Cereals in the United Arab Emirates" from the Research, Innovation, and Impact Grant at Abu Dhabi University (14000\$, 12 months). PI: Dr Nada ElDarra .
- Ms Dana El Masri has been granted a full Scholarship granted to pursue a PhD in public Health in Pavia university, Italy.
- Dr. Nada EL Darra has been awarded a patent entitled "Potato sprouting inhibition using potato peels extract". Nada EL Darra, Layan HELMI, Hiba N.RAJHA, Esperance G.DEBS, Nicolas M.LOUKA.
- Dr. Nada EL Darra has been elected as a member in charge for the Innovation and Health and Society working groups at the Arab-German Young Academy of Sciences and Humanities (AGYA).



- Dr. Nada El Darra has participated in Climate Change Conference (COP 27) in Sharm el Sheikh, Egypt, on November 10, 2022 as a representative of the Arab-German Young Academy of Sciences and Humanities (AGYA) and Beirut Arab University.
- Dr. Dima Kreidieh participated as a speaker in the “Obesity Day” conference organized by the Society of endocrinologist in Lebanon by delivering a lecture entitled “Lifestyle modification program for weight-loss based on Cognitive Behavioural Treatment for Overweight and Obesity: A Novel Approach in Lebanon” In March 11, 2023 at Holiday Inn Habtoor Hotel.
- Dr. Nada EL Darra served as a keynote speaker in the International Conference on Electrical Engineering & Information Technology (ICEEIT) conference, October 30, 2022 held in Benghazi Libya supported by Arab-German Young Academy of Sciences and Humanities.
- Mrs Hana Tannir attended the R workshop which is a practical PC-based workshop which goes through basic statistical methods in R, a statistical package that is becoming the language of choice in academia and practice, delivered FAFS, AUB, on Saturday, April 29, 2023 from 8:00 am – 5:00 pm.
- Dr. Nada EL Darra has participated in AGYA general assembly in Leopoldina in Halle (Saale), from march 13 till 18, 2023, where interaction with the members of the Arab German Young Academy (AGYA) took place, communicated innovative ideas and had insightful discussions.
- Dr. Nada El Darra has participated in an AGYA workshop entitled "Bioinformatics in Arab Education Systems" that took place in Tunis, on November 21, 2022.
- Dr. Nada El Darra has been nominated by the Ministry of Higher education to participate in the assessment of the Industrial Engineering Program at AUB to be Licensed.
- Dr. Nada El Darra is still elected as a member in the food safety committee of the Ministry of Public Health.
- Mrs. Hana Al Tannir supported the Initiation of the Nutrition Students Society at BAU (BAU-NSS).
- Mrs. Hana Al Tannir attended the 15-hours training 'Online Instruction Design', 15 September - 13 October 2022, delivered by International Experts from Florida State College at Jacksonville under the auspices of the Higher Education Capacity Development (HECD) Program funded by the United States Agency for International Development (USAID).
- Dr. Leila Itani participated in the International Winter School in "Global Health and Wellbeing/ Palazzo Vistarino/Italy/Feb 2023 by presenting a lecture on Sustainable healthy diets.
- Dr. Leila Itani delivered a 3 hours lecture entitled “ Nutritional epidemiology” through the Graduate program in Nutrition and clinical dietetics. The activity was undertaken in framework of the ERASMUS + Teaching staff Mobility at the University of Pavia on February 3 2023.
- Dr. Leila Itani participated as a Jury member in the Shoman Arab Resercher Award during May 16 2023 and July 14 2023.



- Dr. Marwan El Ghoch participated in a 30th European congress on obesity organized by EASO on the 17-12th May 2023 that took place in Dublin Ireland. During the conference Dr. El Ghoch chaired two sessions and presented and lecture of Lifestyle modification delivered before bariatric surgery on weight regain.
- Dr. Marwan El Ghoch delivered an invited talk at the University of Bologna Medical school on April 14th 2023 through the event : "1st International Permanent Academy on Cardiometabolic Prevention in Clinical Practice". The talk was entitled " Should sarcopenic obesity be routinely screened in clinical practice-How, Why And Why not?".
- Dr. Marwan El Ghoch participated as an invited speaker in the 22nd National Congress: "Nutrition for Human and Planetary Care": ANSISA National Congress 2023. The event took place at the Faculty of Medicine of the University Politecnico delle Marche, Ancona, Italy. Talk was entitled: " Patient centered communication".
- Dr. Marwan El Ghoch was interviewed in December 2022 as a stakeholders of the Italian Association for blood donation. The interview in the Clip campaign: "Shades of Life - Red like Blood" (Sfumature di Vita - Rosso come il Sangue)
- Dr. Marwan El Ghoch delivered a talk about "The impact of weight cycling in obesity" during the EASO COMs summit 2022 on the 28th and 29th September 2022.
- Dr. Marwan El Ghoch participate as Invited Speaker in the ECN Winter School from 1-3 December 2022 in Seville Spain. The lecture was entitled: " Outpatient service for obesity management and clinical research".

### Scientific research activities:

#### Nursing Department

- Dr Mirna Fawaz published a research titled: Mental illness stigma as a moderator in the relationship between religiosity and help-seeking attitudes among Muslims from 16 Arab countries. BMC Public Health, (2023).
- Dr Mirna Fawaz published a research titled: Prevalence and mortality rate of healthcare-associated infections among COVID-19 patients: a retrospective cohort community-based approach. Front. Public Health (2023).
- Dr Mirna Fawaz published a research titled: Psychometric Properties of an Arabic Translation of the Multidimensional Assessment of Interoceptive Awareness (MAIA-2) questionnaire in a non-clinical sample of Arabic-speaking adults. BMC Psychiatry (2023).
- Dr Mirna Fawaz published a research titled: Psychometric Properties of an Arabic Translation of the Multidimensional Social Support Scale (MSPSS) in a community sample of Lebanese Adults. BMC Psychiatry (2023).
- Dr Mirna Fawaz published a research titled: Psychological Reactions of Lebanese Nurses to Workplace Violence in Critical Care Units. SAGE Open Nursing, (2023).



- Dr Mirna Fawaz published a research titled: Psychometric Properties of an Arabic translation of the 10-item Connor-Davidson Resilience scale (CD-RISC-10), the 8- and 10-item post-traumatic growth inventory-short form (PTGI-SF) scales. (2023).
- Dr Mirna Fawaz published a research titled: The moderating effect of emotion regulation in the association between social support and religiosity and psychological distress in adults. BMC psychology, (2023).
- Dr Mirna Fawaz published a research titled: Cross-Country Validation of the Arabic Version of the Prodromal Questionnaire–Brief (PQ-B) in Young Adults from the General Population of the Middle East and North Africa (MENA) Region. International Journal of Mental Health and Addiction, (2023).
- Dr Mirna Fawaz published a research titled: Psychometric properties of the Arabic version of the Intuitive Eating Scale-2 (IES-2) in a sample of community adults. J Eat Disord, (2023).
- Dr Mirna Fawaz published a research titled: Impact of Nurse Residency Program Completion on Work Readiness and Clinical Competency of Saudi Graduate Nurses Transitioning into Professional Practice. International Journal of Africa Nursing Sciences, (2023).
- Dr Mirna Fawaz published a research titled: The co-moderating effect of social support and religiosity in the association between psychological distress and coping strategies in a sample of Lebanese adults. BMC Psychology (2023).
- Dr Mirna Fawaz published a research titled: Translation and validation of the Mindful Eating Behaviour Scale in the Arabic language. BMC Psychiatry (2023).
- Dr. Hiba Deek published a paper titled Global impacts of COVID-19 on lifestyles and health and preparation preferences: An international survey of 30 countries. Journal of Global Health (2023).

### Physical Therapy Department

- Prof. Ibtissam Saab, Dr. Rami Abbas, and Dr. Ayman El-Khatib published a paper titled, Effect of Adding Motorized Cycle Ergometer Over Exercise Training on Balance in Older Adults with Dementia: A Randomized Controlled Trial. Experimental Aging Research, 1-12. (2022).
- Prof. Ibtissam Saab, Dr. Rami Abbas, and student researcher Ranim Al Amin published a paper titled: Immediate Neurophysiological effect of electrical stimulation via dry needling on H-reflex in post stroke spasticity. Physiotherapy Theory and Practice, 1-9. (2023).
- Dr. Rami Abbas and Dr. Ahmad El Melhad published a paper titled: Is spinopelvic sagittal alignment correlated with pain level, functional disability and frontal plane projection angle in women with patellofemoral pain syndrome? A cross-sectional study. SPORT TK-RevistaEuroAmericana de CienciasdelDeporte, 15-15. (2022)
- Dr. Rami Abbas published a paper titled: Posterior tibial nerve stimulation as a neuromodulation therapy in treatment of neurogenic overactive bladder in multiple sclerosis: A prospective randomized controlled study. Multiple Sclerosis and Related Disorders, 68, 104252. (2022)



- Dr. Ayman El Khatib published a paper titled: Post Stroke Fatigue Prevalence and its Correlation to the Functional Recovery. Clin Schizophr Relat Psychoses Volume 16: S1, (2022)
- Dr. Ayman El Khatib published a paper titled: The Impact of Virtual Reality Training with a Cognitive Load on Falling in Stroke Cases. NeuroQuantology 20, No 15 (2022).
- Dr. Ahmad El-Melhat published a paper titled: Randomized Feasibility Pilot Trial of Adding a New Three-Dimensional Adjustable Posture-Corrective Orthotic to a Multi-Modal Program for the Treatment of Nonspecific Neck Pain. Journal of Clinical Medicine, 11(23), p.7028. (2022)
- Dr. Ahmad El-Melhat published a paper titled: Validity and Reliability of Arabic-language Version of MedRisk Questionnaire in Assessing Patient Satisfaction with Physiotherapy Services for Low Back Pain. NeuroQuantology, 20(15), 79. (2022)
- Dr. Ahmad El-Melhat published a paper titled: Effect of lumbar repositioning feedback training on pain and joint position sense in participants with chronic mechanical low back pain. FIZJOTERAPIA POLSKA. (2022)

#### Nutrition and Dietetics Department

- Dr. Marwan El Ghoch contributed in a book chapter entitled “ BMI and body fat in Anorexia Nervosa”. Published with the pioneer publisher Springer Nature Switzerland and edited by Prof Victor Preedy From King’s College London, UK . <https://link.springer.com/refer.../10.1007/978-3-030-67929-3>.
- H El Kojok, M Khalil, R Hage, R Jammoul, A Jammoul, and N El Darra. “Microbiological and chemical evaluation of dairy products commercialized in the Lebanese market, Veterinary World, 15 (11): 2575–2586”, 2022.
- Nada El Darra, Nabil Grimi, Ian Watson, and André El Khoury. “Risk assessment of mycotoxins in food”. In: Frontiers in Nutrition 10 (2023), p. 232.
- Tareq M Osaili, Mohammad Q Al-Natour, Akram R Al-Abboodi, Anas Y Alkarasneh, Nada El Darra, Salma Khazaal, and Richard Holley. “Detection and risk associated with organochlorine, organophosphorus, pyrethroid and carbamate pesticide residues in chicken muscle and organ meats in Jordan”. In: Food Control 144 (2023), p. 109355.
- Tareq M Osaili, Wael AM Bani Odeh, Manar Al Ayoubi, Ahmed ASA Al Ali, Maryam S Al Sallagi, Reyad S Obaid, Vaidehi Garimella, Fatema Saeed Bin Bakhit, Richard Holley, and Nada El Darra. “Occurrence of aflatoxins in nuts and peanut butter imported to UAE”. In: Heliyon 9.3 (2023).
- TM Osaili, WAMB Odeh, MS Al Sallagi, AASA Al Ali, RS Obaid, V Garimella, FSB Bakhit, H Hasan, R Holley, and Nada El Darra. Quality of Honey Imported into the United Arab Emirates. Foods 2023, 12, 729. 2023.
- Osaili, T. M., Al-Nabulsi, A. A., Hasan, F., Dhanasekaran, D. K., Ismail, L. C., Hashim, M., Hasan, H., Ayyash, M., Olaimat, A., Hussain, A. Z. S., Darra, N. E., Savvaidis, I. N., Obaid, R. S., & Holley, R. (2023). Inhibition of spoilage bacteria on marinated chicken by essential oils under aerobic and vacuum packaging. Journal of Food Science, 88, 381– 390. <https://doi.org/10.1111/1750-3841.16387>



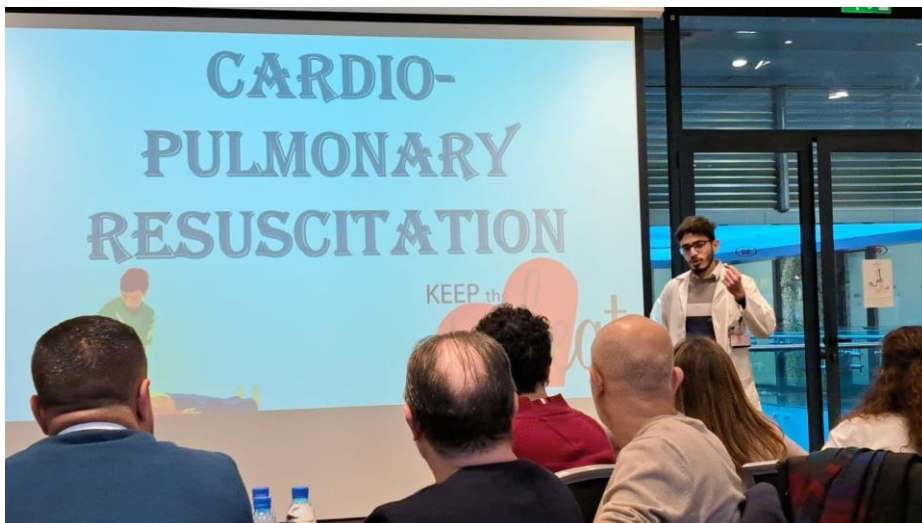
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#### IV. APPENDICES

Faculties are encouraged to include any relevant appendices. This should include **photos, information, data, etc.** All appendices must be submitted electronically with the Faculty's Annual Report submission.

#### CPR and First Aid Training – Maliks Bookshop Staff (March 2023)





**CPR and First Aid Training – LOYAC (July 2023)**



**Lion's Club Award Ceremony (May 2023)**



Daniel Turnberg Travel Fellowship, University of York



**Webinar: SCIENTIFIC RESEARCH EMERGING CONCEPTS & ETHICAL CHALLENGES**



**Webinar: Cancer and Immunity, 1st edition**



**PCR Workshop**



**1<sup>st</sup> Prize at the 17<sup>th</sup> IBDA 2023**



**Cholera awareness day**



جامعة بيروت العربية  
BEIRUT ARAB UNIVERSITY  
Faculty of Health Sciences



Students Activities Committee

Join Us On  
**April 05, 2023**

from 11:00 a.m. untill 12:00 p.m.

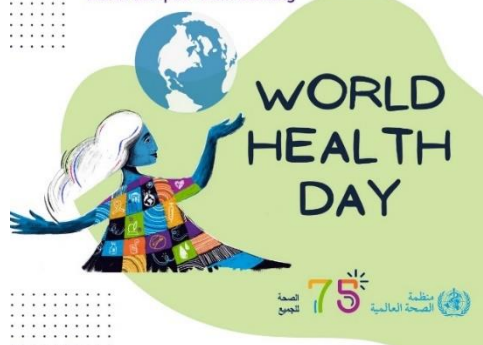
**Guest Speaker**

**Ali Rashed Hall - Main Building**

from 10:00 a.m. untill 12:00 p.m.

**Booth**

**Beirut Campus - Main Building**



**Renewal of EASO accreditation of the BAU clinic for nutritional and weight management for a further two year period from 1<sup>st</sup> March 2023 to 28<sup>th</sup> February 2025.**





## Dr. Nada EL Darra has been awarded AGYA grants





**Dr. Nada EL DARRA has been awarded a patent entitled "Potato sprouting inhibition using potato peels extract". Nada EL DARRA, Layan HELMI, Hiba N.RAJHA, Esperance G.DEBS, Nicolas M.LOUKA.**

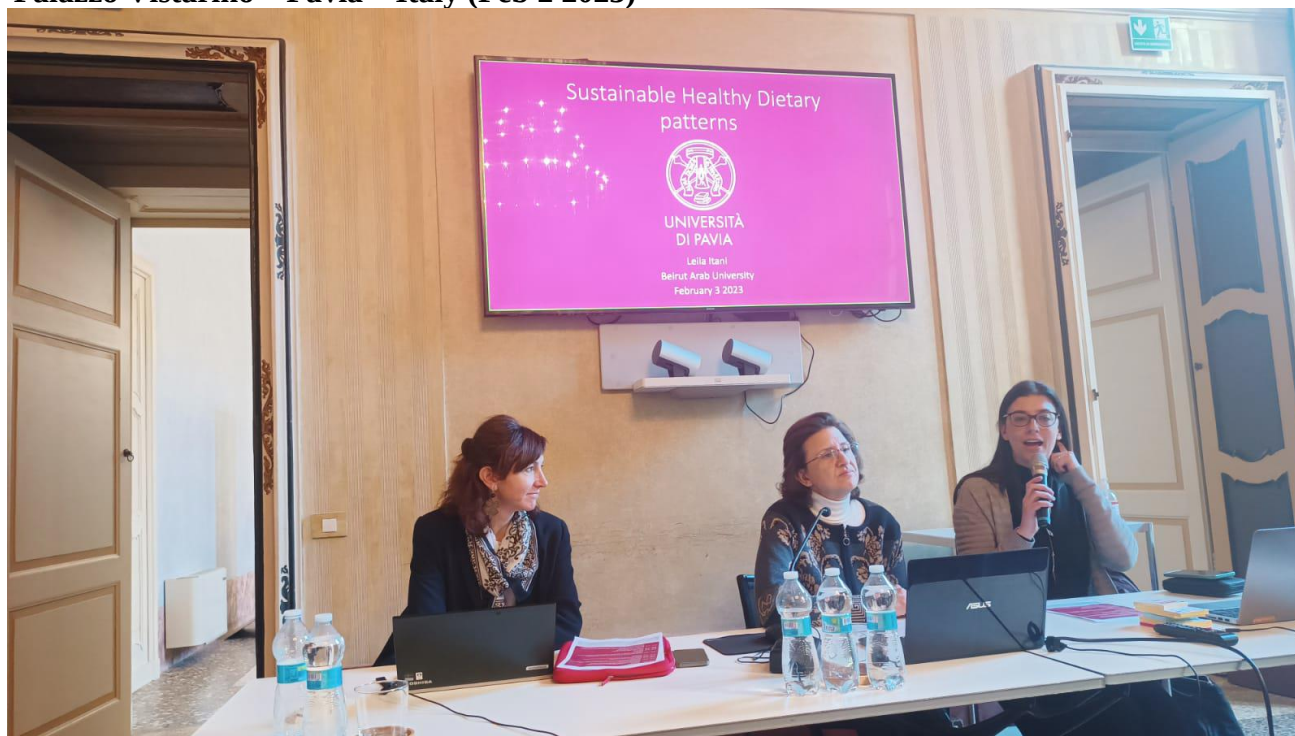


**Initiation of the Nutrition Students Society at BAU (BAU-NSS).**





**Palazzo Vistarino – Pavia – Italy (Feb 2 2023)**





**With the students at the Cascina Cravino Campus – University of Pavia – Italy (Feb 3 2023)**



## EASO conference Dublin May 17-20 2023





**Unioversity of Bologna April 14th 2023: First international Permamant Academy on Cardiometabolic Prevention**





## ANSISA National Congress 2023





## Interview in the Clip campaign: Shades of Life - Red like Blood

