



ANNUAL REPORT

2019-20

**Faculty of Public Health
Health Sciences Center, Kuwait University**

December 8, 2020

Table of Contents

PART A: Introduction

1	Dean’s Statement	2
2	About the Faculty	3
3	Mission and Vision of the FOPH	4
4	Organizational Structure	4
5	FOPH Faculty Council.....	6
6	FOPH Council and Committee Structure.....	8

PART B: Qualitative Descriptions of Faculty Activities

PART B1: Report of Academic Activities

1	BSc Degree in Health and Community Studies.....	10
2	The Master of Public Health Programs (MPH)	12
3	Undergraduate and Graduate Courses Taught, by Department	14
4	Graduate Student Supervision	19
5	Future Planned Academic and Professional Programs	21
6	Scientific Teaching Laboratories.....	23
7	Academic Staff and Academic Support Staff.....	23

PART B2: Report of Scientific Research Contributions

1	Research Priorities.....	27
2	Funded and Unfunded Research Projects – Academic Year 2019-20.....	28
3	Scientific Publications – Academic Year 2019-20.....	32
4	Conference Presentations – Academic Year 2019-20.....	39

PART B3: Report of Administrative Activities

1	Achievements of Administrative Departments.....	44
2	Organized faculty workshops to develop the Administrative Staff	46
3	Participation in training courses.....	46
4	Recruiting new Administrative Staff	47

PART B4: Report of Faculty Community Service

1	Overview.....	50
2	Faculty Conferences and Training Workshops.....	51
3	Secondment of Faculty for Consultation.....	52
4	Service – Kuwait University	53
5	Community Service – Kuwait.....	60
6	Community Service – International.....	63
7	Special Community Service – COVID-19 Response Activities	69

PART B5: Report of Student Activities

Student Activities 73

PART B6: Report of Faculty Alumni Activities

Faculty Communication with Alumni..... 77

PART B7: Relations with Internal and External Institutes

Relations with Internal and External Institutes 77

PART C: Quantitative Descriptions of Faculty Activities

1 Summary Tables: Students 79
2 Summary Tables: Workforce 80
3 Summary Tables: Faculty Facilities..... 80
4 Summary Tables: Academic Activity 81
5 Summary Tables: Professional Activities..... 82

PART A: Introduction

1 Dean's Statement

This report is a summary of the activities of the Faculty of Public Health (FOPH) at Kuwait University for the 2019-20 academic year. The academic year 2019/20 was coloured by the COVID-19 pandemic, which interrupted all teaching on-site starting from March until August 2020. The FOPH continued the learning programs of the Semester 2 of 2019/20 through online teaching on August 9, after a break of about 5 months. The annual report 2019/20 updates the teaching programs, research strategies and priorities, collaborations with outside institutions, papers published, conferences attended, community service, and the teaching contribution to undergraduate and post graduate levels.

The FOPH is driven by a dedicated faculty. At the beginning of the 2019-20 academic year, the FOPH had 14 appointed Faculty members with Prof. Harri Vainio as Dean. The academic programs at the FOPH have been continued under the limitations given by the COVID-19 pandemic. The BSc in Health and Community Studies (BSHCS), which was launched in September 2017, will complete its third year of classes in October. The first batch of the students in Master's in public health programs is graduating after completing the second year of studies in November 2020.

During the 2019-20 academic year, the FOPH faculty members published 71 scientific papers in international journals and presented at 49 local, regional, and international conferences and seminars.

A healthy population is an important factor for sustainable growth and productivity in any society. The Public Health community in Kuwait can make an important contribution in Kuwait in realizing the potential of public health, making the public healthy by using the tools and knowledge already accumulated. By converting the already known evidence into action, a large fraction (up to 50%) of disease and injuries in Kuwait could be avoided, and life expectancy extended. This is the goal towards which the FOPH is working.

The COVID-19 pandemic, also known as the coronavirus pandemic, is an ongoing global pandemic of coronavirus disease 2019 (COVID-19) caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2).

The challenge in public health today given by the pandemic virus is to produce relevant knowledge on prevention and health protection and to advise the decision makers to act on that knowledge. Over the last few months, a number of projections and forecasts on the COVID-19 future behavior have been done, in Kuwait and abroad. Our understanding of the pandemic is changing rapidly. The projections have risen, fallen and risen again. Such unpredictability, as well as rapid evolution, are essential elements in the work of public health professionals. As the pandemic progresses, new information becomes available – on people's behavior, mobility and mixing, wearing of masks, expanded testing, and the models evolve with that new data.

Scientific research is key to quickly achieving continuous and systematic updates in evidence-based prevention, across all regions in Kuwait. Active promotion on research on prevention was exemplified in case of the COVID-19 pandemic, where KFAS has provided special funding for research on COVID-19 etiology, prevention and control. The FOPH scientists were involved with the experts from the Ministry of Health, in studying the exposures and health consequences in populations with particular risks of exposure to the pandemic SARS CoV-2 virus. Particularly, systematic epidemiological were carried out with the participants consisting of local Kuwaiti and Non-Kuwaiti populations, be they health care workers or e.g., workers in cooperatives. Active research needs to accompany surveillance systems, which the Ministry of Health has been actively working on.

Pandemics come and go. Public health professionals are the key people to prepare, plan and organize the preparedness and readiness programs for public health crises and pandemics. The FOPH's duty is to train and educate professionals for the society's needs, be they in the public domain or in enterprises, in governmental or in private businesses.

2 About the Faculty

2.1 Role of the Faculty of Public Health in Kuwait's Society

Kuwait has experienced a rapid economic, sociodemographic and epidemiological transition during the past five decades. Population health in Kuwait has improved dramatically over the last two generations, with life expectancy at birth increasing from approximately 50 years to 78 years. However, the occurrence of non-communicable diseases (NCDs) has exploded during the last decades, especially those of cardiovascular diseases, diabetes and cancer. In addition to NCDs, non-intentional injuries caused by road traffic accidents and work injuries are an important cause of death and ill-health.

Kuwait, among other countries, was struck by the COVID-19 pandemic. The SARS CoV-2 virus caused a public health crisis of utmost significance. The first COVID-19 cases were announced on February 24, 2020. Kuwait then started the mitigation activities quickly. In March, the government had closed the international airport, schools and universities, public-sector jobs, many bank branches and private-sector businesses, and it banned public gatherings. The Ministry of Health started to test and trace, to quarantine, and then finally ended with a total curfew in May.

2.2 Establishment and Inaugural Classes of the FOPH

His Highness, the Amir of Kuwait, recognized that establishing a Faculty of Public Health would provide a means to enhance and develop Kuwait's Public Health workforce, as an essential resource to address the epidemics of diabetes, obesity, heart disease, and cancer, and provide the trained Public Health professionals needed to combat the effects of pandemics such as the Novel Coronavirus Disease 2019 (COVID-19) within the borders of Kuwait. To fill this need, the Faculty of Public Health (FOPH) at the Kuwait University Health Sciences Center was established by Amiri decree on December 1, 2013, and the inaugural faculty members were recruited by 2015. The BSc degree in Health and Community Studies was launched in September 2017, and the MPH degrees in Health Policy and Management and in Environmental and Occupational Health in September, 2018.

The Faculty of Public Health (FOPH) provides training for a public health work force that focuses on Kuwait's communities to strengthen its ability to promote health and well-being, prevent disease, and protect the health of its communities, hence improve the quality of life.

3 Mission and Vision of the FOPH

3.1 Vision of the FOPH

- To foster leadership in responding to public health challenges in Kuwait and the Gulf region through promoting relevant education, high quality research and evidence-based practice.

3.2 Mission Statement

- The Faculty of Public Health is committed to health protection and health promotion for all individuals and communities in Kuwait and the Gulf region. This will be achieved by providing relevant professional education and training; by conducting research relevant to national and regional health challenges; by engaging in public health interventions; by fostering health studies so as to promote health literacy throughout the population; and by advocating policies to protect and promote health.

3.3 Core Values

- The core values of health as a human right are set forth in the Universal Declaration of Human Rights and these values will guide all endeavours of the Faculty. There will be specific commitments to the values of social justice, community partnership and empowerment, cultural sensitivity, truthful dissemination of information, excellence in education and training, professionalism, and evidence-based approaches to public health problems.

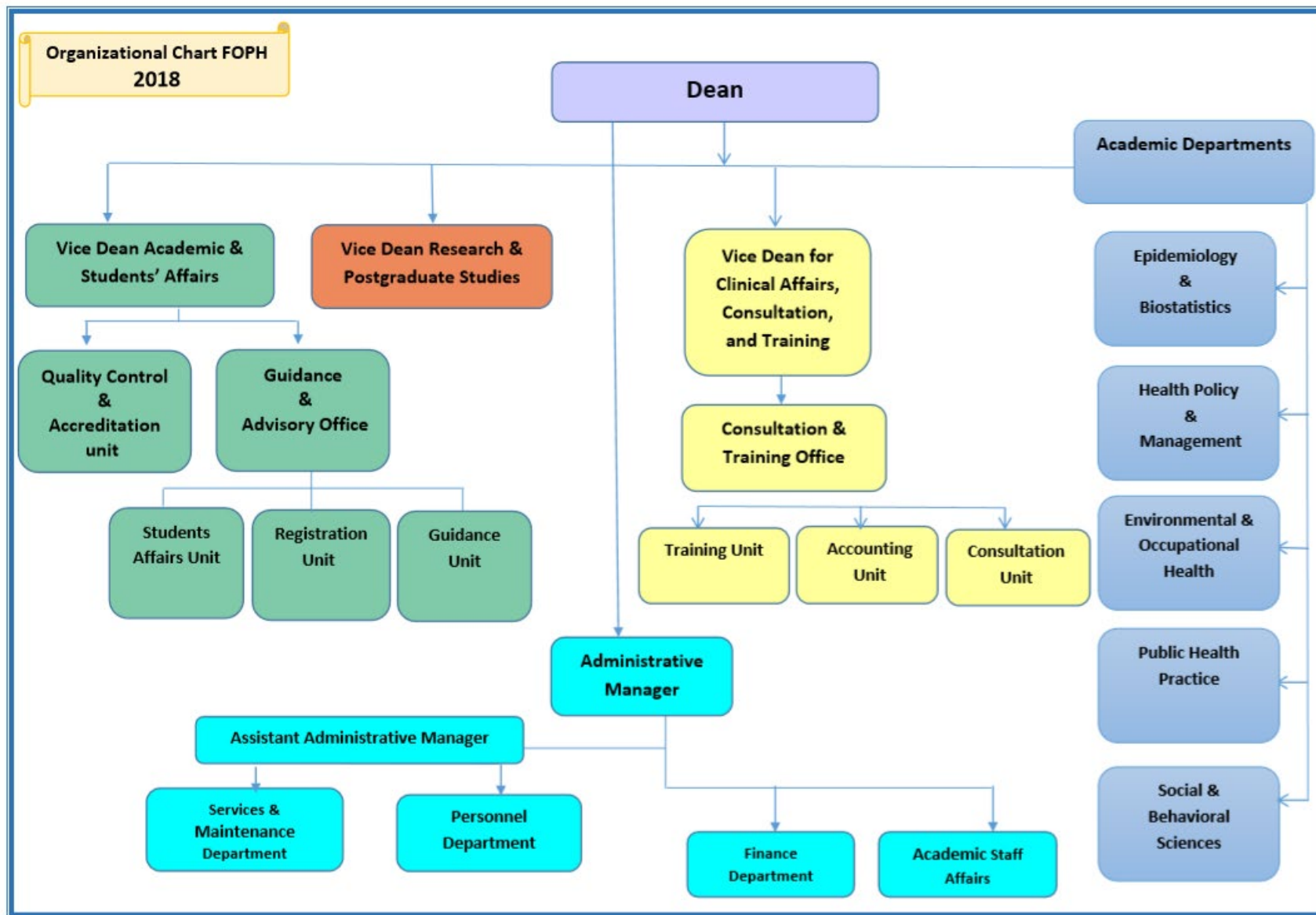
4 Organizational Structure

4.1 Academic Departments

- The Faculty of Public Health is constituted with five Departments, with a horizontal and collaborative interaction. Faculty members in all the departments function as one “team”:
 - Environmental and Occupational Health
 - Epidemiology and Biostatistics
 - Health Policy and Management
 - Public Health Practice
 - Social and Behavioral Sciences

4.2 Organizational Chart

The organizational chart for the faculty administration, including academic and non-academic departments is presented on the next page.



5 FOPH Faculty Council

5.1 Terms of Reference

The governing body of the Faculty of Public Health is the Faculty Council. The head of the Faculty Administration is the Dean assisted by the Vice-Deans. The Faculty's officers are responsible to the Dean for carrying out the policy decisions of the Faculty Council. The Faculty Council was established according to the law and regulations of the Kuwait University. Its function is the formation of major policies for the Faculty of Public Health.

5.2 Formal Composition

Subject to the law and regulations of the Kuwait University, the Faculty Council shall have the following membership:

Dean, Faculty of Public Health	Chairperson
The Chairpersons of all Departments	Members
One representative of the Full Professors	Elected
One representative of the Associate Professors	Elected
One representative of the Assistant Professors	Elected
Two members from outside Kuwait University	Appointed
Rapporteur	Appointed from among the Council members

- The FOPH Council will be appointed by the KU President for a term of 1 year, renewable.
- Any other person with special knowledge or expertise may be invited to attend meetings of the Council as appropriate.

5.3 Council Membership – 2019-20 Academic Year

The FOPH Faculty Council was established as of its first meeting in September, 2017.

Membership for the 2019-20 academic year:

- Dean, Faculty of Public Health Chairperson
 - Prof. Harri Vainio
- The Chairpersons of all Departments Members
 - Prof. Syed Aljunid, Department of Health Policy and Management
 - Dr. Joseph Longenecker, Department of Public Health Practice (Acting)
 - Prof. Marwan Al-Sharbati, Department of Social and Behavioral Sciences
 - Dr. Janvier Gasana, Department of Environmental and Occupational Health (Acting)
 - Dr. Walid Alali, Department of Epidemiology and Biostatistics (Acting)
- One representative of the Full Professors Elected
 - Prof. Syed Aljunid
- One representative of the Associate Professors Elected
 - Dr. Eleni Tolma
- One representative of the Assistant Professors Elected
 - Dr. Dana Al-Tarrah
- Rapporteur, Dr. Walid Alali Appointed by Faculty Council
- Term for the members during the 2019-20 academic year: 01/Sep/2019 to 31/Aug/2020

5.4 Major decisions of the Faculty Council – 2019-20 Academic Year

The Faculty Council of the Faculty of Public Health met altogether seven times over the Academic Year 2019/20 (three on-site meetings, four on-line MS Teams meetings).

Academic programs:

Changes to Major Sheets

- The Faculty Council made decisions regarding the BSc academic programs, which have been approved by the KU Scientific Affairs Committee.
- *Inter alia*, it approved changes in the major sheets including addition of a Year 1 course in “Biology for Public Health” and other changes which take effect for the Year 1 intake batch of the students entering the program in the 2020-21 academic year. The course on “Brain, biology, and behaviour “ was changed to “Psychology for Public Health” and the course on “Human biology and pathophysiology” was changed to Pathophysiology for public health”. (Faculty Meeting # 13).

Programmatic policies

Admission Policies:

- The Faculty Council increased the minimum admission high school GPA from 75 % to 80% for admission to the BSC program for the 2020/21 academic year. (Faculty Council #13).
- The number of seats for the 2020/21 entering class at 60 seats.

Mid-term and final examinations:

- The Faculty Council approved the policy of onsite delivery of both mid-term and final examinations (Faculty Council # 15).
- This decision, however, was modified to take into account the decisions of the University Council, so that only final examinations will be done onsite with appropriate precautions (Faculty Council #17).
- Mid-term examinations will be done online with the MS-Teams platform (Faculty Council # 16).

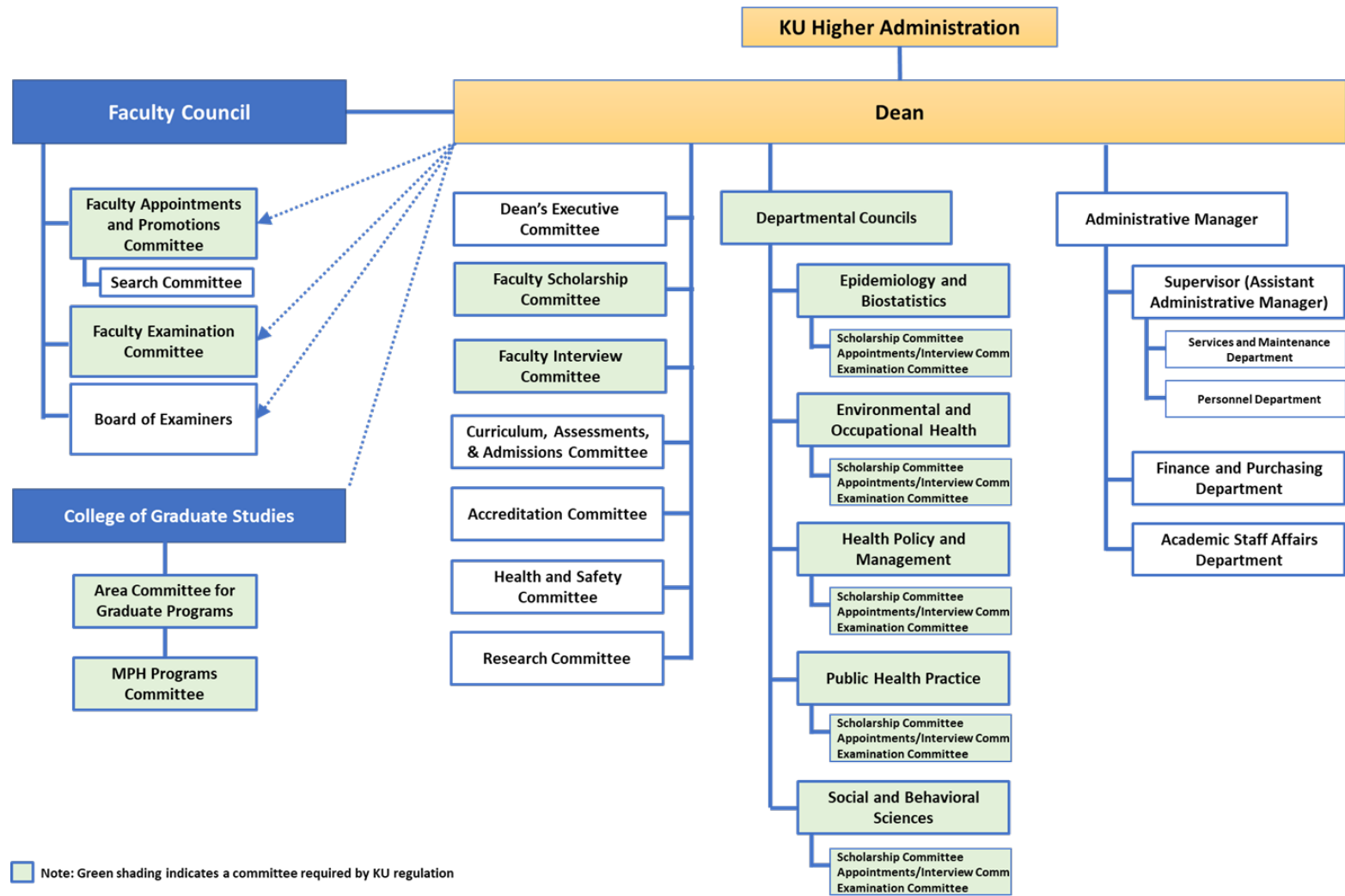
Plagiarism policy:

- The Faculty Council (# 17) approved the FOPH plagiarism policy -document.

Academic calender for the Year 2020/21:

- The Faculty Council approved the decision to change the FOPH to follow the Kuwait University calender instead of the Health Sciences Center, which is the calender it had followed up till this academic year (Faculty Council #18).

6 FOPH Council and Committee Structure



PART B:
Qualitative Descriptions of Faculty Activities
2019-20 Academic Year

PART B1: Report of Academic Activities

1 BSc Degree in Health and Community Studies

1.1 Mission of the BSc Program

The mission of the BSc program in Health and Community Studies (BSHCS) program is to produce graduates who can add value to healthcare community organizations and private sector companies by *enabling* them to address community health problems; by *preparing* them for career advancement through experience in healthcare and community service or for post-graduate training in Public Health or related fields; by *providing* a modern educational environment including problem-based learning, small group dynamics, opportunities for research and public health practice experiences, and an atmosphere of community service; by *equipping* them with concrete transferrable skills needed to function effectively in the current business world; and by *inculcating* values of professionalism, social responsibility, ethical practices, strong teamwork, and professional communication.

1.2 BSc Program and Major Sheets

The BSc program was initiated in September, 2017, and the inaugural class has now completed Year 3 of the program. The courses have run smoothly, and the BSc students have expressed their enthusiasm and satisfaction with the program through both semesters. This year, the Faculty Council approved the addition of a course entitled “Public Health Biology” for the Year 1 students entering the program in 2020-21, in exchange for the Year 3 elective course, contingent on the provision of a faculty member who can teach the course. Courses during the 2019-20 academic year included:

YEAR 1 32 Credit Hours

Semester 1 (16 CH)

Course #	Course name	CH/Contact
1910-111	Conceptual Foundations of Health	3 / 3
1940-121	Nature of Communities	3 / 3
1930-151	Data and Statistics	3 / 4
1900-191	Study Skills 1	2 / 3
ELU-181	English 1	5 / 5

Semester 2 (16 CH)

1940-171	Biology, Brain and Behavior	3 / 4
1940-122	Practicum: Discovering Communities	2 / 3
1940-172	Communicating: Theory and Skills	3 / 4
1930-152	Statistics for Public Health	3 / 4
ELU-182	English 2	5 / 5

YEAR 2 32 Credit Hours**Semester 1 (16 CH)**

1900-281	Human Biology and Pathophysiology	3 / 4
1930-241	Introduction to Epidemiology	3 / 4
1940-271	Changing Behaviors: Theory and Practice	2 / 3
1900-291	Health and Community Ethics	3 / 3
ELU-183	English 3	5 / 5

Semester 2 (16 CH)

1900-282	Infectious Diseases	3 / 4
1900-283	Chronicity and Non-Communicable Diseases	3 / 3
1920-261	Introduction to Health Policy	3 / 4
1940-272	Teaching and Health	3 / 4
1900-292	Study Skills 2	2 / 3
1940-221	Practicum: Community Health Needs Assessment	2 / 3

YEAR 3 32 Credit Hours**Semester 1 (15 CH)**

1910-313	Fundamentals of Public Health Nutrition	3 / 3
1950-331	Ecology, Environments and Health	3 / 4
1920-361	Managing Health Care Systems	3 / 3
1920-362	Resource Allocation for Health 1	3 / 4
1940-321	Community Health Development	3 / 3

Semester 2 (17 CH)

1940-371	Practicum in Health Promotion	3 / 5
1910-312	Disaster Management	3 / 3
1920-363	Resource Allocation for Health 2	3 / 4
1930-341	Evidence Based Practice	3 / 4
1900-391	Ethical Issues Seminar	2 / 3

All courses are required, and the English courses are taught by the staff of the English Language Unit.

1.3 Recruitment and Enrollment of Students

For the 2019 intake, the program had allotted 65 seats for the incoming class, and in June, 2019, all the seats were filled with applicants, all of whom were sent offers of acceptance. Of these 65, 57 registered for classes, and an additional student who was accepted last year, but delayed entry joined the class. Of these 58, 6 students withdrew or transferred during Semester 1, and an additional 5 withdrew by the start of Semester 2, to transfer to other faculties. One of the main reasons for this pattern is that many students ranked other faculties as #1 (reflecting their true career goals) and the FOPH as #2 on their applications. Although they accepted registration in their #2 choice, many of such students still want to try to transfer into their #1 ranked faculty. The Vice-Dean, Academic, is supportive of these students in their career plans and their choice to apply in other faculties. It is important to note that some of these students are still FOPH students, while they are preparing for entry examinations and requirements from other faculties. If they are not accepted into another faculty, they will be encouraged to complete the FOPH BSc program.

Another issue of great importance to the BSc students is establishment of a cadre for the BSc graduates. It is the faculty's view that without a cadre, it will remain difficult to recruit and retain students in the program. Therefore, the FOPH has also been working with the Civil Service Commission (CSC) for three years to obtain the CSC cadre for the BSc graduates. The initial application was referred by the CSC to the Ministry of Finance. However, the FOPH was notified in December, 2018, that the Ministry of Finance had rejected all applications for cadres (not just the FOPH application) in January, 2018, owing to lack of funds. The FOPH is now working with the Ministry of Health to reapply for the cadre.

The COVID-19 pandemic resulted in suspension of classes between March 1 and August 9, 2020. During that period, the FOPH was actively involved in research programs regarding COVID-19, consultations in the Ministry of Health, and providing voluntary lectures to the students while on leave.

In August, 2020, the remainder of the semester was initiated using online teaching methods. These methods were new for many faculty members, but a strong preparation period, led by the FOPH Online Learning Transition Committee (Chairperson, Dr. Eleni Tolma), enabled a smooth transition to this new mode of learning and teaching. All teaching and in-course assessments occurred online, but final examinations were held onsite, with strong protections and enforcement of physical distancing measures during the examination periods.

2 The Master of Public Health Programs (MPH)

2.1 Mission of the MPH program

The mission of the MPH programme is to develop competent public health postgraduates that are able, creative and innovative to lead health systems and organisations in Kuwait and the Region by preparing them with knowledge and skills to recognise and evaluate public health needs; equipping them with the ability to formulate effective strategies; providing an environment of interdisciplinary teaching, research and community service; and inculcating professional public health values, concepts of social responsibility and ethical practice. The program will prepare graduates to pursue careers in the Ministry of Health, Ministry of Justice, governmental policy-making institutions, private healthcare organizations, the insurance industry, KISR, KFAS, the GCC Health Council, and local and international non-governmental organizations such as the World Bank and UN agencies (WHO, UNDP, UNICEF, ILO, etc).

The underlying core value of the MPH program is “Health as a Human Right,” as set forth in Article 15 of the Constitution of Kuwait which states, “Right to Healthcare: The State shall care for public health through measures of precaution and cure of diseases and epidemics,” and the United Nations’ Universal Declaration of Human Rights. There will be specific commitments to the values of community partnership and empowerment, cultural sensitivity, social responsibility, truthful and clear dissemination of information, collaboration and teamwork, ethics and integrity in research and practice, excellence in education and training, professionalism, and evidence-based approaches to public health problems.

2.2 MPH Program

Postgraduate students who have completed the MPH program in Health Policy & Management will be able to:

1. Lead multidisciplinary teams of professionals in healthcare organisations at different levels of Kuwait’s health system
2. Plan, implement, monitor and evaluate health programmes at national and local levels
3. Organise human and financial resources for the preventive, curative and rehabilitative services in order to solve major health needs of the population

4. Apply innovative approaches in developing long-term strategies to support the transformation and modernization of health systems
5. Conduct research and development in the health sector and other related fields in order to improve health system performance

Postgraduate students who have completed the MPH program in Environmental and Occupational Health will be able to:

6. Develop and lead inter-disciplinary teams that will assess environmental and occupational hazards, assess their impact on health-related outcomes, propose effective solutions for hazard abatement, and manage and assess effectiveness of such programs.
7. Assess the environmental and occupational causes of human diseases, applying the genetic, physiologic and psychosocial factors that affect susceptibility to adverse health outcomes following exposure to environmental and occupational hazards.
8. Conduct research in areas of environmental and occupational health, applying the results to inform public health policies related to environmental & occupational health.
9. Assess levels of pollution and /or contamination that affect air quality, water quality, food quality and soil quality, which have negative effects on human health.
10. Design and implement the functions and duties of environmental and occupational personnel during a declared disaster under the incident command system.
11. Establish workplace wellbeing programs, with an emphasis on empowerment of workers for improvement of their health and wellbeing, and the economic evaluation of occupational safety and health (OSH) prevention efforts that preserve the health of the populations living in the proximity of the major industries in Kuwait; including oil, petrochemicals, cement, shipbuilding and repair, water desalination, food equipment industry, and building materials.

2.3 Recruitment and enrollment of MPH students

Currently there are two batches of student intake for the MPH program in Faculty of Public Health in two areas of concentrations: Health Policy & Management and Occupational & Environmental Health. The first batch of the 10 students are currently in the final semester of the program: 5 in each area of concentration. They are expected to graduate in October 2020 after the COVID-19 academic break.

The 2nd MPH batch of 14 students (7 each in EOH and HPM) started their programs in September 2019. At the end of first semester, 2 students from each concentration were dropped from the course, leaving a total of 10 students for the whole program. These second batch students are currently in the second semester of their academic programs.

The third intake of the MPH programs attracted 18 applicants (11 in HPM, 7 in EOH). The applicants attended the entrance exam and interviews in February 2020. A total of 14 candidates has been selected, 7 in each area of concentration. Currently, FOPH is waiting for the final approval from College of Graduate Studies to finalize the selection.

3 Undergraduate and Graduate Courses Taught, by Department

3.1 Courses Taught: Department of Environmental and Occupational Health

Undergraduate Courses

Al-Zoghoul, M

- 1900-191: Study Skills I – 2CH (Instructor)
- 1950-331: Ecology, Environments & Health – 3CH (Course Coordinator)

Gasana J

- 1910-312 Disaster Management – 3CH (Course Coordinator)
- 1940-321: Community Health Development (1 contact hour)
- COGS 2000-503: Ethics & Professionalism (2 contact hours)

Vainio, H

- 1910-111: Conceptual Foundations of Health – 3CH (Course Coordinator)

Graduate Courses

Al-Zoghoul, M

- 1950-502: Environmental & Occupational Health Risk Assessment – 3CH (Course Coordinator)
- 1950-503: Environmental Health Management – 3CH (Course Coordinator)

Gasana J

- 1900-501: - Public Health Biology – 2CH (Course Coordinator)
- 1950-501: Introduction to Environmental and Occupational Health – 3CH (Course Coordinator)
- 1950-504: Worker Health and Safety – 3CH (Course Coordinator)
- Examiner for FOPH MPH program

Vainio, H

- 1910-501: Introduction to Public Health Practice and Ethics – 3CH (Course Coordinator)

3.2 Courses Taught: Department of Epidemiology and Biostatistics

Undergraduate courses

Alali, W

- 1900-281: Human Biology and Pathophysiology – 3CH (Course Coordinator)
- 1900-282: Infectious Diseases – 3CH (Course Coordinator)
- 1900-292: Study Skills 2 – 2CH (Course Coordinator)
- 1940-121: Nature of Communities (1 contact hour)

Al-Awadhi

- 1930-151: Data and Statistics – 3CH (Course Co-Coordinator)
- 1930-152: Statistics for Public Health – 3CH (Co-Coordinator)
- 1930-241: Introduction to Epidemiology (2 contact hours)
- 1940-122: Practicum: Discovering Communities – 3CH (Instructor)

Alkhamis, M

- 1930-151: Data and Statistics – 3CH (Course Co-Coordinator)
- 1930-152: Statistics for Public Health – 3CH (Course Coordinator)
- 1930-241: Introduction to Epidemiology – 3CH (Coordinator)
- 1930-341: Evidence Based Practice – 3CH (Instructor)

Graduate Courses

Alali, W

- 1950-533 Public Health Aspects of Foodborne Diseases – 3CH (Course Coordinator)
- 1900-591: Research Project Design – 1CH (Course Coordinator)
- CGS-503: Ethics and Professionalism: Ethics in Islam (2 contact hours)
- CGS 2000-501: Scientific Writing and Communication Skills: Interview Skills (1 contact hour)
- Examiner for FOPH MPH program

3.3 Courses Taught: Department of Health Policy and Management

Undergraduate courses

Aljunid, S

- 1910-111: Conceptual Foundations of Health (2 contact hours)
- 1920-261: Introduction to Health Policy and Management – 3CH (Instructor)
- 1920-361: Managing Healthcare System – 3CH (Instructor)
- 1920-362: Resource Allocation for Health 1 – 3CH (Instructor)
- 1920-363: Resource Allocation for Health 2 – 3CH (Instructor)
- Community Medicine Rotation (Year 5, FOM) (3 contact hours)

Nur, AM

- 1920-261: Introduction to Health Policy – 3CH (Course Coordinator)
- 1920-361: Managing Healthcare System – 3CH (Course Coordinator)
- 1920-362: Resource Allocation for Health 1 – 3CH (Course Coordinator)
- 1920-363: Resource Allocation for Health 2 – 3CH (Course Coordinator)

Graduate Courses

Aljunid, S

- 1920-501: Principles of Health Policy and Management – 3CH (Course Coordinator)
- 1920-502: Health Economics and Financing – 3CH (merged with 0565-582: Health Economics; Course Coordinator)
- 1920-503: Human Resource Management in Healthcare – 3CH (Course Coordinator)
- 1920-504: Health Planning and Evaluation – 3CH (Course Coordinator)
- 0565-531: Introduction to Public Health (Health Policy and Management) – 1CH (Instructor)
- 0565-545: Global Health – 2 CH (Instructor)
- CGS-503: Ethics and Professionalism – 1CH (Instructor)
- Examiner for FOPH MPH program
- Examiner for Faculty of Medicine CMBS MPH program

Nur, AM

- 1920-501: Principles of Health Policy and Management – 3CH (Instructor)
- 1920-502: Health Economics and Financing – 3CH (Instructor)

3.4 Courses Taught: Department of Public Health Practice

Undergraduate Teaching

Alessa, H

- 1900-283: Chronicity and Non-Communicable Disease – 3CH (Course Coordinator)
- 1910-111: Conceptual Foundations of Health – 3CH (Instructor)
- 1910-313 Fundamentals of Public Health Nutrition – 3CH (Course Coordinator)
- 1940-121 Nature of Communities – 3CH (Instructor)
- 1940-171: Brain, Biology, And Behaviour – 3CH (Course Coordinator)

Al-Awadhi, M

- 1900-191: Study Skills 1 – 2CH (Course Coordinator)
- 1940-321 Community Health Development – 3CH (Course Coordinator)

Al-Khasawneh, E

- 1900-291: Health and Community Ethics – 3CH (Course Coordinator)
- 1900-391 Ethical Issues Seminar – 2CH (Course Coordinator)
- 1940-171: Brain, Biology, And Behaviour – 3CH (Instructor)

Longenecker, J

- 1930-341: Evidence Based Practice – 3 CH (Course Coordinator)

Graduate Teaching

Longenecker, J

- 1950-593: Capstone Project – 1 CH (Course Coordinator)

3.5 Courses Taught: Department of Social and Behavioral Sciences

Undergraduate Teaching

Al-Sharbatj, M

- 1940-122: Practicum: Discovering Communities – 3CH (Course coordinator)
- 1940-272: Teaching and Health – 3CH (Instructor)

Tolma, E

- 1940-121: Nature of Communities – 3CH (Course coordinator)
- 1940-172: Communicating: Theory and skills – 3CH (Course coordinator)
- 1940-272: Teaching and Health – 3CH (Course Coordinator)
- 1940-321 Community Health Development – 3CH (1 contact hour)

Al-Tarrach, D

- 1900-191: Study Skills I – 2CH (Instructor)
- 1940-221: Practicum: Community Health Needs Assessment – 2CH (Course coordinator)
- 1940-271: Changing Behaviors: Theory and Practice – 2CH (Course coordinator)
- 1940-371: Practicum in Health Promotion – 3CH (Course Coordinator)

Graduate Teaching

Al-Sharbatj, M

- 1910-581: Practicum in Public Health (Course coordinator)
- 1940-501: Social and Behavioral Foundation of Public Health – 3CH (Course coordinator)
- CGS-503: Ethics and Professionalism: Plagiarism – 1CH (Course coordinator)

Tolma, E

- 1930-530: Qualitative Health Research Course – 3CH (Course coordinator)
- CGS-503: Ethics and Professionalism (3 contact hours)
- 2000-501: Role of listening in communication (3 contact hours)

4 Graduate Student Supervision

4.1 Graduate Students: Department of Env. and Occupational Health

Supervision of MPH Capstone Projects

Gasana J

- Hearing Loss among Migrant Workers at Shuwaiba Industrial Medical Center (SIMC) in Kuwait (MPH-EOH Student: Mariam Buqammaz)
- Diabetes Mellitus among Migrant Workers at SIMC in Kuwait (MPH-EOH Student: Anwar Ali)
- Asthma among Migrant Workers at SIMC in Kuwait (Capstone Proposal -MPH-EOH Student: Hussah AlHadlaq)

Other graduate student supervision

- None

4.2 Graduate Students: Department of Epidemiology and Biostatistics

Supervision of MPH Capstone projects

Alali, W

- Assessing and comparing the levels of heavy metals of cultured and wild caught Yellowfin Seabream fish (Maha Altourah)
- Assessing Bromate Levels in Bottled Drinking Water in Kuwait (Meshare Al-Qallaf)
- Barriers to seasonal influenza vaccination among healthcare workers (Anhaar Al-Enezi)

Alkhamis, M

- Energy drinks consumption Prevalence and Awareness among Kuwait University Undergraduate Students (Samah Alwattar)
- Identification of Risk Factors Associated with Hypertension in Workers at Shuaiba Industrial Complex in Kuwait between 2014-2018 (Lubna Adel Hazeem)

Other graduate supervision

Alali, W

- PhD student (Food Safety-Qatar University)- Committee Member
 - A microbiological Risk Assessment at the Fresh Produce Wholesale Market in Doha (Israa El-Nemr)
- PhD student (Epidemiology)- Technical University of Denmark
 - Evaluate and Establish Surveillance programs of Salmonella in Imported Poultry Meat in Jordan (Tariq Hantesh)

4.3 Graduate Students: Department of Health Policy and Management

Supervision of MPH Capstone Projects

Aljunid, S

- Drugs Cost for Management of Hypertension and Cost Savings from Generic Substitution of Branded Drugs in Primary Healthcare Centers in Kuwait (Ayah Odeh)
- Assessment of managerial skills and leadership style of managers in public hospitals in Kuwait (Khaled Abdulghafoor)
- Job Satisfaction Among General Dental Practitioner Working in Primary Health Care Clinics in Kuwait: A Cross Sectional Study (Rudainah Aloufan)

Amrizal M Nur

- Assessing Quality of Medical Records in Ibnu Sina Hospital (Fatemah Al-Doukhi)

Other graduate student supervision

Aljunid, S

- Assessing Patient Safety Culture and Related Barriers in Ministry of Health Hospitals in Kuwait (Kholoud G.S. Marzouq , MPH, Community Medicine Department, FOM, Kuwait University)
- A Study on Knowledge, Attitude, Practice and Barriers of Implementing the Baby Friendly Hospital Initiative (BFHI) among staff at the Maternity Hospital in Kuwait (Israh Ameraj, MPH, Community Medicine, FOM, Kuwait University)

4.4 Graduate Students: Department of Public Health Practice

Supervision of MPH Capstone Projects

Al-Khasawneh

- Levels of awareness and the use of food labelling among Kuwaiti adults (2019-20)

Other graduate student supervision

- None

4.5 Graduate Students: Department of Social and Behavioral Sciences

Supervision of MPH Capstone Projects

Al-Sharbati, M

- Relationship between Children's Oral Health Behaviors and Oral Health-Related Quality of Life in Capital Governorate, Kuwait. (Hanan Boudai)
- Quality of life of Kuwaiti adult patients with Type 2 Diabetes Mellitus. (Jenan Al-Matrouk)

Tolma, E

- Jawaher Fajer. Factors contributing to Physicians adoption and satisfaction of Electronic Health Records in Kuwait Public Health Care: Case of Al-Jahra Hospital, Kuwait. MPH Capstone Project.

Other graduate student supervision

Al-Sharbati, M

- External examiner of PhD thesis entitled: (Assessment of the Knowledge, Attitude, and Perception on Casemix System among the Hospital Staff and Assessment of Hospital Information System in Malaysia and Indonesia,” of Syed Mohamed Hamzah Al-Junid Bin Syed Abdul Rahman, University Kebangsaan Malaysia.

5 Future Planned Academic and Professional Programs

5.1 Planned Future programs

A range of other programs are planned and will be developed in due course, including the doctoral program in Public Health (Dr.PH), MPH in Public Health Nutrition and Public Health Promotion. In addition, a residency program in Occupational and Environmental Health, certificate courses, continuing professional education, and distance learning programs are to be introduced also.

The development of all these planned programs is contingent on recruitment of new academic staff, the processes of which have been slowed owing to the time needed for the development of implementation procedures for the new University Law which was passed in August, 2019, and the COVID-19 pandemic.

Table B1-5.1 on the next page presents a 10-year plan for development of the FOPH programs, starting with establishment of the four BSc concentrations, expansion of the MPH concentrations, then increasing to include the PhD-level programs.

5.2 Accreditation Activities

The FOPH created a faculty Accreditation Committee in September, 2019, which met and has begun the curriculum review for accreditation purposes.

In November, 2019, the Faculty invited Prof. Joeclyn DeJong from American University of Beirut to give a week-long workshop on Accreditation of the BSc and MPH programs. Dr. DeJong led the accreditation process for AUB, thus she shared her experience with obtaining accreditation from the Council on Education in Public Health in another Middle-Eastern country. The workshop was a success, and the faculty learned much about the CEPH accreditation processes and requirements. The Committee will continue to work towards meeting the accreditation criteria for both the BSc and MPH programs.

Table B1-5.1. 10-year plan for development of FOPH courses at the BSc, MPH, and PhD levels.

Programs/Years	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
BSc Y1	Y1 (8 courses)	Y1 (8 courses)	Y1 (8 courses)	Y1 (8 courses)	Y1 (8 courses)	Y1 (8 courses)	Y1 (8 courses)	Y1 (8 courses)	Y1 (8 courses)	Y1 (8 courses)
BSc Y2	Y2 (10 courses)	Y2 (10 courses)	Y2 (10 courses)	Y2 (10 courses)	Y2 (10 courses)	Y2 (10 courses)	Y2 (10 courses)	Y2 (10 courses)	Y2 (10 courses)	Y2 (10 courses)
BSc Y3	Y3 (10 courses + 1 Elective)	Y3 (10 courses + 3 Electives)	Y3 (10 courses + 3 Electives)	Y3 (10 courses + 4 Electives)	Y3 (10 courses + 4 Electives)	Y3 (10 courses + 4 Electives)	Y3 (10 courses + 4 Electives)	Y3 (10 courses + 4 Electives)	Y3 (10 courses + 4 Electives)	Y3 (10 courses + 4 Electives)
BSc Y4 (Health Research Concentration)		Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)
BSc Y4 (PH Practice Concentration)			Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)
BSc Y4 (Health Policy and Mangmt. Concentration)				Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)
BSc Y4 (Comm. Development Concentration)					Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)
BSc Y4 (New concentration)							Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)	Y4 (8 + 2 Electives + Capstones)
MPH Y1	Y1 (7 courses)	Y1 (7 courses)	Y1 (7 courses)	Y1 (7 courses)	Y1 (7 courses)	Y1 (7 courses)	Y1 (7 courses)	Y1 (7 courses)	Y1 (7 courses)	Y1 (7 courses)
MPH Y2 (EOH Concentration)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)
MPH Y2 (HPM Concentration)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)
MPH Y2 (Third Concentration)						Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)	Y2 (4 + 2 Electives + Capstones)
DrPH/PhD Y1					Y1 (5 courses)	Y1 (5 courses)	Y1 (5 courses)	Y1 (5 courses)	Y1 (5 courses)	Y1 (5 courses)
DrPH/PhD Y2-4						Y2-4 (4 courses + 1 elective)	Y2-4 (4 courses + 1 elective)	Y2-4 (4 courses + 1 elective)	Y2-4 (4 courses + 1 elective)	Y2-4 (4 courses + 1 elective)
Total # Courses	48	59	70	81	96	107	117	117	117	117

6 Scientific Teaching Laboratories

Owing to space limitations, the FOPH currently has no teaching laboratories. However, the FOPH has included public health-related laboratories in the 2021-22 budget, which it plans to establish once the FOPH moves to a facility with laboratory space available.

7 Academic Staff and Academic Support Staff

7.1 Current Academic Staff

Any new faculty requires ongoing recruitment efforts to build the necessary capacity to deliver its programs. At the beginning of the 2019-20 academic year, the FOPH welcomed Dr. Esra Al-Khasawneh (Associate Professor, Department of Public Health Practice), Dr. Mustafa Al-Zoughool (Associate Professor, Department of Environmental and Occupational Health), Dr. Amrizal Nur (Department of Health Policy and Management) and Dr. Eiman Al-Awadhi (Department of Epidemiology and Biostatistics), increasing the FOPH faculty staff to a total of 14 faculty members. In January, 2020, Dr. Hala Al-Essa completed her full-time secondment and was officially appointed as Assistant Professor in the Department of Public Health Practice. In addition, Dr. Saleh Al-Sarhan completed his PhD scholarship in Health Policy and Management and was appointed Assistant Professor in the Department of Health Policy and Management in August 2020.

The FOPH also interviewed several other candidates over the past year, the applications of whom are at various stages of processing. However, the processes of recruitment have been slowed by the time needed for interpretation and application of the new University Law and the COVID-19 pandemic. The table below presents the current status of current and recruited faculty members in the FOPH.

Table B1-7.1. Current Faculty Strength, as of July, 2020

Department	Currently Appointed	Interviewed and Application in Process
Environmental/Occupational Health	Prof. Harri Vainio Dean Dr. Janvier Gasana Associate Professor/Acting Chairman Dr. Mustafa Al-Zoghoul Associate Professor	Dr. Ali Al-Homoud Assistant Professor
Epidemiology/Biostatistics	Dr. Walid Al-Ali Associate Professor/Acting Chairman Dr. Mohammed Alkhamis Assistant Professor Dr. Eiman Al-Awadhi Assistant Professor	Dr. Amin Pourhosseingholi Associate Professor
Health Policy and Management	Prof. Syed Al-Junid Professor/Chairman Dr. Amrizal Nur Assistant Professor Dr. Saleh Al-Sarhan Assistant Professor	

Department	Currently Appointed	Interviewed and Application in Process
Public Health Practice	Dr. Esra Al-Khasawneh Associate Professor Dr. Manar Al-Awadhi Assistant Professor Dr. Hala Al-Essa Assistant Professor	Dr. Leena Karlsson Associate Professor
Social and Behavioral Sciences	Prof. Marwan Sharbati Professor/Chairman Dr. Eleni Tolma Associate Professor Dr. Dana Al-Tarrah Assistant Professor	

Administration	Currently Appointed
Faculty Administration	Prof. Harri Vainio (Dean) Professor Prof. Marwan Al-Sharbati Acting VD, Research and Graduate Studies Dr. Joseph Longenecker Acting VD Academic Acting Chairman, Dept. of Public Health Practice Assoc. Prof. of Community Medicine, FOM

7.2 Academic Staff Promotions

There were no academic staff promotions during academic year 2019-20.

7.3 Academic Staff Retirements

There were no academic staff retirements during academic year 2019-20.

7.4 Kuwait University Scholarship Program

As of September, 2020, the FOPH currently has six active PhD students on Scholarship. In addition to two scholars who completed the FOPH Scholarship program in previous years, Dr. Saleh Al-Sarhan completed his scholarship program at University of Texas, Houston, in August 2020, joining the FOPH as an Assistant Professor in Health Policy and Management.

The Faculty has been very fortunate in the selection of scholarship candidates, who have been accepted to very strong programs in the US and UK. **Table B1-7.2** below summarizes the Institution of study, the target FOPH Department, and expected year of graduation for the current scholars. In addition, the FOPH is currently in the process of advertising for additional scholarship candidates.

Table B1-7.2. Current FOPH Scholars, as of August, 2020

Department	Scholars/Institution	Anticipated graduation
Environmental/Occupational Health	Dr. Barrak Al-Ahmad Harvard University School of Public Health	2021-22
Epidemiology/Biostatistics	Al-Jawhara Al-Sabah Columbia University Mailman School of Public Health	2022-23
	Fatima Al-Khulaifi University of Texas – Houston	2022-23
Health Policy and Management	Homoud Al-Jalahma Johns Hopkins University School of Public Health	2021-22
Public Health Practice	Farah Behbehani Johns Hopkins University School of Public Health	2021-22
	Fatima Al-Ghadban Oregon State University School of Public Health	2021-22
Social and Behavioral Sciences	None	

7.5 Teaching Assistants

The FOPH has appointed six teaching assistants to the Academic Staff, to assist in the teaching and running of the BSc and MPH courses, as follows:

Table B1-7.3. Current Teaching Assistants, as of May, 2019

Department	Currently Appointed
Environmental/Occupational Health	Mr. Abdullah Safar
Epidemiology/Biostatistics	Mrs. Nour Ben Haider
Health Policy and Management	Mr. Mohammed Al-Mari Ms. Dina Zein
Public Health Practice	Mrs. Maryam Al-Hamad
Social and Behavioral Sciences	Mrs. Qout Al-Mekhled (On leave)

7.6 Anticipated Needed Human (Faculty) Resources

The faculty strength needed to launch the BSc degree will increase year after year, as each new academic year, with increased course load, is added. The original FOPH proposal, approved by the University Council and Amiri decree in 2013, estimated the total faculty members needed for a fully-functioning faculty to be 28 full-time faculty members plus 4 officials in the higher administration (Dean and Vice-Deans). The table below presents the current faculty strength and the estimated needed cumulative faculty strength over the first four years of the program. In addition, two Teaching Assistants per department will be needed as the programs expand year-on-year.

It should be noted that the final estimates of faculty strength given in Table B1-7.4 (30 total by 2023-24) are approaching the faculty size estimated in the FOPH proposal (total, 32), which was approved by the University Council in 2013. This faculty member strength will be required to launch all planned programs (BSc, three MPH concentrations, the DrPH program, and an Environmental and Occupational Medicine residency program).

Table 4. Projected Faculty Needs to Launch the BSc and MPH Programs

Department	Current Strength (as of August, 2020)	Minimum Cumulative Number of Needed Faculty Members			
	Number	2020-21	2021-22	2022-23	2023-24
Env/Occ Health	3	3	4	4	5
Epidemiology/Biostatistics	3	4	4	5	5
Social/Behavioral Sciences	3	3	4	5	6
Health Policy/Management	3	3	4	4	5
Public Health Practice	3	4	4	5	5
Dean (EOH), VDR (SBS) and VDA (FOM)	(3) (1 EOH, 1 SBS, 1 from FOM)	3	3	4	4
Total	16 (15 are appointed in the FOPH; and the VD Academic is from the FOM)	20	23	27	30

PART B2: Report of Scientific Research Contributions

1 Research Priorities

Research is a priority for the FOPH, and it is considered as a basic component of the triad that the FOPH covers in its activities: research, teaching and community service. The FOPH has identified a research strategy formed around four initial themes:

1. Seeking a consensus among public and private key partners on priority targets for research in public health and community studies in Kuwait. The question to be answered is time-specific and subject to change. The critical and ubiquitous question is “what matters most now?”

State of Affairs: The FOPH’s conducted a Modified Delphi workshop survey, in collaboration with the MOH and KFAS (who funded the project), and the stakeholder consensus found the following top 5 research priorities:

1. Obesity (for all age groups)
 2. Diabetes
 3. Cardio & cerebral-vascular diseases
 4. Enforcement of laws, legislations and regulations regarding:
 - a. Road traffic accidents (RTAs): traffic and transportation, road safety
 - b. Environment contamination/pollution (water, air, noise, and soil),
 - c. Occupational health and safety (accidents, injuries, etc.)
 5. Cancer (lung, breast, prostate, colon, skin, etc.)
2. Developing multi-institutional action and research projects on priority issues, including
 - a. Unhealthy diet and physical inactivity: reduction of salt and sugar intake
 - b. Reduction of accidents on roads and at work
 - c. Tobacco use (including shisha): smoke-free workplaces and public places, bans on advertisement and promotion

State of Affairs: Several research projects are being prepared for funding from KFAS. Decisions on some of them are expected in the 2019-20 academic year.

3. Strengthening health systems through community service and sharing the faculty of Public Health expertise:
 - a. Improving health data for Kuwait (cancer registration, diabetes registration, surveillance, NCD mortality, accidents and injuries, etc.)
 - b. Understanding exposures in four domains:
 - i. Behavioural risk factors (tobacco use, physical inactivity, unhealthy diet, etc.)
 - ii. Occupational / Environmental exposures
 - iii. Metabolic risk factors: overweight, raised blood pressure, glucose, etc.
 - iv. Socioeconomic determinants: education, access to health care, etc.
 - c. Assessing cost and policies in health. Comparative cost analyses, cost-effectiveness and cost-benefit analyses in priority themes (prevention, vaccinations, screening)

State of Affairs: Consultations and negotiations with possible collaborators have been carried out. Proposal are currently being planned.

2 Funded and Unfunded Research Projects – Academic Year 2019-20

2.1 Research Projects: Department of Environmental and Occupational Health

Funded Research

- KFAS (Kuwait Foundation for Advancement of Sciences) Funding (12,000 KD) (PI: Janvier Gasana, Co-Is: Prof Harri Vainio, Dr Mustafa Al-Zoughool, Dr Barrak Alahmad, Dr Dua Alkhaleedi, Prof Mohamed Kamel, Dr Shubhendu Mudgal, and Dr Ivan Ivanov) (June – December 2020) – “Strengthening Capacity for Protection of Occupational Health and Safety of Health Care Workers and Non-healthcare Workers during the COVID-19 Pandemic and Beyond”.
- KFAS Funding (10,000 KD) (June – December 2020) (PI: Mustafa Al-Zoughool, Co-Is: Prof Harri Vainio, Dr Janvier Gasana, Mohammad Al Seaidan, Dr Tamer Oraby, Dr Susie El Saadany, and Michael G. Tyshenko) - A Markov Chain (CTMC) Multi-State, Continuous Time Model to Estimate the COVID-19 Pandemic in Kuwait.

Research proposals (Submitted, funding pending)

Gasana J

- Study of excessive lead exposure among children in Kuwait Biological and Environmental Assessment [Joint proposal from FOPH (Faculty Of Public Health) Department of Environmental & Occupational Health and MOH (Ministry Of Health) Department of Environmental Health]. Submitted to KFAS in March 2019
- A Draft Pandemic Plan for Kuwait that Assesses the Country’s Current Capacity Compared to the World Health Organization’s Pandemic Preparedness Checklist

Unfunded Research

- None

2.2 Research Projects: Department of Epidemiology and Biostatistics

Funded Research

Alali, W

- Kuwait National Survey of Non-Communicable Diseases and their Risk Factors: A WHO STEPwise Approach to Surveillance (STEPS) Study, 2019. Role: **Dr. Walid Alali**: Co-Investigator. Total budget: KD350,145. Funded by KAFS.
- A cost-effectiveness analysis of colorectal cancer screening (CRC) modalities in Kuwait and views of Primary Care Physicians and Patients on CRC. Role: **Dr. Walid Alali**: Co-Investigator. Total budget: KD 49,365. Submitted to KAFS. Kuwait Adult Diabetes Epidemiological Multidisciplinary (KADEM) Program. Role: **Dr. Walid Alali**: Co-Investigator. Total budget: KD 330,000. Funded by KAFS.
- Seroprevalence of specific antibodies against severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) among healthcare workers and the general population in Kuwait. Role: **Dr. Walid Alali**: Co-Investigator. Total budget: KD187,000. Funded by KAFS.

Alkhamis, M

- Ecological and evolutionary dynamics of an emerging disease in cattle: Lumpy skin disease. Role: Dr. Mohammad Alkhamis: Co-PI. Total budget: \$30,000. Funded by: Animal health center seed money grants by UMN.
- Development and Implementation of a Prototype Early Warning System for Near-Real- Time Surveillance for COVID-19 Epidemic in Kuwait, 2020. Role: Co-principle investigator. Total budget: KD18,000. Funded by KAFS.

Research proposals (Submitted, Funding pending)Alali, W

- Prevalence of SARS-CoV2 among migrant workers in Kuwait. Role: **Dr. Walid Alali**: Principal Investigator. Total Budget 30,455 KD. Submitted to KFAS.

Unfunded ResearchAlali, WQ.

- Knowledge and awareness of COVID-19 among students and staff of Health Science Center of Kuwait University: A cross-sectional study.

Alawadhi, E.

- The prevalence of cervical cancer in Kuwait (In progress)
- Thyroid cancer in the Gulf Cooperation Cancer (In progress)
- Breast cancer screening in Kuwait (In progress)
- Population-based cancer survival in Kuwait. (In progress)
- Kuwait COVID-19 Snapshot Monitoring (COSMO Kuwait): Monitoring knowledge, risk perceptions, preventive behaviours, and public trust in the current coronavirus outbreak in Kuwait. (In process).
- Coronavirus disease (COVID-19) outbreak: sources of information, level awareness and mental health status among the Population in Kuwait. (In process).

2.3 Research Projects: Department of Health Policy and Management**Funded Research**Aljunid, S & Amrizal M Nur

- A cost-effectiveness analysis of colorectal cancer (CRC) screening modalities in Kuwait and views of Primary Care Physicians and Patients on CRC (KFAS: KD 26,880: **PN19-13BH-01**)
- Economic burden of Diabetes Mellitus in State of Kuwait. Collaborative Research between Faculty of Pharmacy & Faculty of Public Health, Kuwait University (2019-onward), Co-researcher (Fund: KU Grant, KD4,000)
- Psycho-education, Ethics and Cost-Benefit Analysis of Genetic Testing for Cancers. (Fund: Long-Term Research Grant, Ministry of Higher Education of Malaysia: USD 80,000)

- Transforming Cognitive Frailty to Later Life Self Sufficiency-Ageless. Project 2; Psychosocial Determinants and Societal Cost of CF (2019-Onward), Co-Researcher (Fund: Long-Term Research Grant, Ministry of Higher Education of Malaysia: USD 40,000)

Mohammad Almari

- Coronavirus disease (COVID-19) outbreak: sources of information, level awareness and mental health status among the Population in Kuwait. (Funded by KU).
- Investigation of health science students' knowledge and attitudes in supporting community healthy lifestyle concerning the spread of coronavirus disease (COVID-19): Implications for national health promotion campaign (Fund: KFAS).

Research Proposals (Submitted, Funding pending)

Aljunid, S & Amrizal M Nur

- Economic Burden of Covid-19 Epidemic in the State of Kuwait (Submitted to KFAS)

Mohammad Almari

- Physical Activity and Sedentary Behavior in Kuwait Population in the Covid-19 pandemic (Waiting for MOH ethical approval)

Unfunded Research

Aljunid, S

- Drugs Cost for Management of Hypertension and Cost Savings from Generic Substitution of Branded Drugs in Primary Healthcare Centers in Kuwait
- Assessment of managerial skills and style of government hospitals managers in Kuwait

Dina Zein

- Behavioral Insights during COVID-19 Outbreak in Kuwait (MOH Ethics Committee approval; unfunded project)
- Association between electronic cigarette use and asthma symptoms among young people: a systematic review and meta-analysis (Unfunded, awaiting approval)

2.4 Research Projects: Department of Public Health Practice

Funded Research

Alessa, H

- Sugary beverages and health: Formative research to implementing consumption-limiting public policies in Kuwait. Harvard Kennedy School, Harvard University. (2017 – present)

Research proposals (Submitted; Funding pending)

Alessa, H

- The COVID-19 pandemic: The impact on diet quality and dietary behaviors in Kuwait. Submitted to the Kuwait Foundation of the Advancement of Sciences, multi-year grant, *pending approval*. A collaborative project between Kuwait University, Harvard University, and the University of Toronto.

Unfunded ResearchAlessa, H

- Fructose consumption and risk of coronary heart disease in US men and women

Alkhasawneh, E

- Psychological impact of COVID-19 on mental wellbeing of adults living in Kuwait during the lockdown.

2.5 Research Projects: Department of Social and Behavioral Sciences**Funded Research**Tolma, E

- Funding Source: National Cancer Institute of France
Role: Collaborator-
Title: Shared Online Decision Aid for better decision in breast cancer screening
Project Principal Investigator: Dr. Patricia Villain
Project timeline: 2019-20.
- Funding Source: Kuwait Foundation of the Advancement of Sciences
Role: Principal Investigator (PI)
Title: A cost-effectiveness analysis of colorectal cancer screening (CRC) modalities in Kuwait and views of Primary Care Physicians and Patients on CRC
Amount allocated: 26.880 KD (approximately \$89,000.00 USD).
Project timeline: 2020-2023

Research Proposals (Submitted; Funding pending)Tolma, E

- Funding Source: Kuwait Foundation of the Advancement of Sciences
Role: Principal Investigator (PI)
Title: Eliminating breast cancer in Kuwait: Why don't Kuwaiti women get screening mammograms?
Amount requested: 26,080 KD

Unfunded ResearchAl-Sharbaty, M

- Coronavirus disease (COVID-19) outbreak: sources of information, level awareness and mental health status among the Population in Kuwait.
- Relationship between Children's Oral Health Behaviors and Oral Health-Related Quality of Life in Capital Governorate, Kuwait.
- Quality of life of Kuwaiti Adult Type 2 Diabetes Mellitus patients.
- A five-year retrospective descriptive study of occupational back injuries among the health-insured private workers in Kuwait

Tolma, E

- Factors contributing to Physicians adoption and satisfaction of Electronic Health Records in Kuwait Public Health Care: Case of Al-Jahra Hospital, Kuwait.
- Coronavirus disease (COVID-19) outbreak: sources of information, level awareness and mental health status among the Population in Kuwait

Al-Tarrach, D

- Food purchasing habits, food safety perceptions and food consumption habits during COVID-19 pandemic in Kuwait (in progress)
- Psychosocial impact of COVID-19 pandemic among Kuwait University students (in progress).

3 Scientific Publications – Academic Year 2019-20

3.1 Publications: Department of Environmental and Occupational Health

Peer-Reviewed Scientific Journal Publications

1. Ali Al-Hemoud, **Gasana J**, Abdullah Al-Dabbous, Abdullah Alajeel, Ahmad Al-Shatti, Weam Behbehani, Mariam Malak. Exposure levels of air pollution (PM_{2.5}) and associated health risk in Kuwait. *Environmental Research* 179 (2019) 108730.
2. Barrak Alahmad, Ahmed F. Shakarchi, Haitham Khraishah, Mohammad Alseaidan, **Gasana J**, Ali Al-Hemoud, Petros Koutrakis, Mary A. Fox. Extreme temperatures and mortality in Kuwait:Who is vulnerable? *Science of the Total Environment* 732 (2020) 139289
3. Barrak Alahmad, Ahmed F. Shakarchi, Haitham Khraishah, Mohammad Alseaidan, **Gasana J**, Ali Al-Hemoud, Petros Koutrakis, Mary A. Fox. Extreme temperatures and mortality in Kuwait:Who is vulnerable? *Science of the Total Environment* 732 (2020) 139289
4. **Gasana J**, Shehab M. Coronavirus Disease (COVID-19): Handling Challenges in Kuwait. *Sci Brief Report. Sci* 2020, 2, 40; doi: 10.3390/2020040 (www.mdpi.com/journal/sci)
5. Alahmad B, Kurdi H, Colonna K, **Gasana J** & Fox MA. COVID-19 Stressors on Migrant Workers in Kuwait: Cumulative Risk Considerations. *BMJ Global Health* 2020;**5**:e002995. doi:10.1136/bmjgh-2020-002995
6. Tamer Oraby T, Tyshenko M, Balkhy H, Tasnif Y, Quiroz-Gaspar A, Mohammad Z, Araya A, Elsaadany S, Al-Mazroa E, Ahelaili M, Arabi Y, **Al-Zoughool M**. 2020. Analysis of the healthcare MERS-CoV outbreak in King Abdulaziz Medical Center, Riyadh, Saudi Arabia, June-August 2015 using a SEIR ward transmission model. *Int. Journal of Environmental Research and Public Health*. 2020 Apr 23;**17**(8): E2936. doi: 10.3390/ijerph17082936.
7. Krewski D, Bird M, **Al-Zoughool M**, Birkett N, Billard M, Milton B, Rice JM, et.al. 2019. Key characteristics of 86 agents known to cause cancer in humans. *Journal of Toxicology and Environmental Health B Critical Reviews*;22(7-8):244-263.
8. Birkett N, **Al-Zoughool M**, Bird M, Baan RA, Zielinski J, Krewski D. 2019. Overview of biological mechanisms of human carcinogens. *Journal of Toxicology and Environmental Health B Critical Revi* ;22(7-8):288-359.
9. AIDakhil L, Yenugadhathi N, Al-Seraihi O, and **Al-Zoughool M**. 2019. Prevalence and associated factors for needlestick and sharp injuries (NSIs) among dental assistants in Jeddah, Saudi Arabia. *Environmental Health and Preventive Medicine*. In press.
10. **Al-Zoughool M**, Bird M, Rice J, Billard M, Birkett N, Krewski D, and Zielinski JM. 2019. Development of a database on key characteristics of human carcinogens. *Journal of Toxicology and Environmental Health B Critical Reviews* 22(7-8):264-287.
11. **Vainio H**. 2020. Public health and evidence-informed policy-making: The case of commonly used herbicide. (Commentary). *Scand J Work Environ Health* 46(1): 105-109. (<https://doi.org/10.5271/sjweh.3851>)
12. Hemminki K, **Vainio H**. 2019. Anticancer agents: qualitative and quantitative aspects. In: (R.A.Baan, B.Stewart, K.Straif, Eds.) IARC Scientific Publications No.165, "Tumour site concordance and mechanisms of carcinogenesis". Lyon 2019, pp.53-58.

13. **Vainio H.** Kansanterveyden suerantajärjestelmät avain parempaan valmistautumiseen. (Surveillance and Public Health Data – key to improved pandemic preparedness). Suomen Lääkärilehti (Finnish Medical Journal) 24-33/2020, pp.1502-1503.

Non-Peer Reviewed Publications

- None

Books

- None

3.2 Publications: Department of Epidemiology and Biostatistics

Peer-Reviewed Scientific Journal Publications

1. Meysam Olfatifar, Hamidreza Houry , Sajad Shojaee, Mohamad Amin Pourhoseingholi, **Alali WQ**, Luca Busani , Sara Ashtari , Shabnam Shahrokh, Amir Vahedian, Hamid Asadzadeh Aghdaei. 2020. The Required Confronting Approaches Efficacy and Time to Control COVID-19 Outbreak in Iran. *Arch Clin Infect Dis.* 15 (COVID-19): e102633.
2. Al-Rifai, R. H., K. Chaabna, T. Denagamage, **Alali WQ** (*corresponding author). 2020. Prevalence of non-typhoidal *Salmonella* enterica in food products in the Middle East and North Africa: A systematic review and meta-analysis. *Food Control.* 109. 106908.
3. Guran, H.S., R Ciftci, NC Gursoy, T Ozekinci, **Alali WQ** (*corresponding author). 2020. Prevalence of antibiotic-resistant *Salmonella* in retail organic chicken. *British Food Journal.* Vol. 122 No. 4, pp. 1238-1251. <https://doi.org/10.1108/BFJ-10-2019-0790>
4. Xu, Mengjie, Huiyu Fu, Dailin Chen, Zehui Shao, **Walid Alali**, Lanming Chen. 2019.
5. Simple Visualized Detection Method of Virulence-Associated Genes of *Vibrio cholerae* by Loop-Mediated Isothermal Amplification. *Frontiers in Microbiology.* 10: 2899.
6. Alfouzan, W., M. Al Fadhli, N. Abdo, **W. Alali**, R. Dhar. 2019. Surgical Site Infection Following Cesarean Section in a General Hospital in Kuwait: Trends and Risk Factors. *Epidemiology and Infection.* 147, e287, 1–5.
7. Al-Rifai, R. H., K. Chaabna, T. Denagamage, **Alali WQ** (*corresponding author). 2019. Prevalence of enteric non-typhoidal *Salmonella* in humans in the Middle East and North Africa: A systematic review and meta-analysis. *Zoonoses and Public Health.* 66(7):701-728.
8. **Alkhamis MA** (*corresponding author), Li C, Torremorell M (2020). Animal Disease Surveillance in the 21st century: Applications and Robustness of Phylodynamic Methods in recent U.S. Human-like H3 Swine Influenza Outbreaks. *Front Vet Sci.* <https://doi.org/10.3389/fvets.2020.00176>.
9. **Alkhamis MA** (*corresponding author), Youha SA, Khajah MM, Haider NB, Alhardan S, Nabeel A, et al. Spatiotemporal Dynamics of COVID-19 epidemic in the State of Kuwait. *Int J Infect Dis.* 2020 Jun 30. PubMed PMID: 32619761. Pubmed Central PMCID: PMC7326444. Epub 2020/07/04.

10. **Alkhamis MA**, Fernández-Fontelo A, VanderWaal K, Abuhadida S, Puig P, Alba-Casals A (2018). Temporal dynamics of Middle East respiratory syndrome coronavirus in the Arabian Peninsula, 2012–2017. *Epidemiology and Infection* 1–10. <https://doi.org/10.1017/S0950268818002728>.
11. A Perez, J Alvarez, I Iglesias, K VanderWaal, F Mardones, M Alkhamis, E Rieder; 513 Food safety and animal health and production: one health, many challenges, no silver bullets., *Journal of Animal Science*, Volume 96, Issue suppl_3, 7 December 2018, Pages 504, <https://doi.org/10.1093/jas/sky404.1101>.
12. G. Omondi, **M.A. Alkhamis**, V. Obanda, F. Gakuya, A. Sangula, S. Pauszek, A. Perez, S. Ngulu, R. van Aardt, J. Arzt, K. VanderWaal. Phylogeographic and cross-species transmission dynamics of SAT1 and SAT2 Foot-and-Mouth Disease Virus in Eastern and Southern Africa. *Molecular ecology*. Accepted.
13. **Alkhamis, M. A.**, Brookes, V. J., VanderWaal, K., eds. (2018). *Applications of Novel Analytical Methods in Epidemiology*. Lausanne: Frontiers Media. doi: 10.3389/978-2-88945-658-1.
14. Eltai, N.O., Asmaa A. Al Thani, Marwan A Abu Madi, Ahmed Ismail, Emad Ibrahim, Hadi M. Yassine, **Alali WQ*** (*corresponding and senior author) (2018). Prevalence of antibiotic resistant *Escherichia coli* isolates from fecal samples of food handlers in Qatar. *Antimicrobial Resistance & Infection Control*. 7:78.
15. Beier, R., R. Harvey, T. Poole, M. Hume, T. Crippen, L. Highfield, **W. Q. Alali**, K. Andrews, R. Anderson, D. Nisbet (2019). Interactions of organic acids with vancomycin-resistant *Enterococcus faecium* (VRE) isolated from community wastewater in Texas. *J App Micro*. 126(2):480-488.
16. Qiao J, **Alali WQ**, Liu J, Wang Y, Chen S, Cui S, Yang B. (2018). Prevalence of Virulence Genes in Extended-Spectrum β -lactamases (ESBLs)-Producing *Salmonella* in Retail Raw Chicken in China. *J Food Sci*. 83(4):1048-1052.
17. Editorial: Chen, L. and **W. Alali** (2018). Recent Discoveries in Human Serious Foodborne Pathogenic Bacteria: Resurgence, Pathogenesis, and Control Strategies. *Frontiers in Microbiology* 9, 2412.

Non-Peer Reviewed Publications

- None

Books

- None

Publication Award

- Alali WQ. John N. Sofos Most-cited Journal of Food Protection Research Publication Award: Second Place recipient; 2019.

3.3 Publications: Department of Health Policy and Management

Peer-Reviewed Scientific Journal Publications

1. Nor Haty Hassan, **Aljunid SM** and **Nur AM** (2020). Development of Inpatient Cost and Nursing Service Weights in a Tertiary Hospital in Malaysia. *BMC Health Services Research*. 20(945): 1-10. <https://doi.org/10.1186/s12913-020-05776-4>

2. Haliza Hasan, Aznida Firzah Abdul Aziz and **Aljunid SM** (2020) Parents' and caregivers' satisfaction with community-based rehabilitation (CBR) services for children with disability in east coast states in Peninsular Malaysia. *Health and Social Care in the Community*. 00: 1–12.
3. Irwan Saputra, **Aljunid SM**, Amrizal Muhammad Nur (2020). The Impact of Casemix Reimbursement on Hospital Revenue in Indonesia. *Malaysian Journal of Health Sciences*. 18 (2): 1-8
4. Rizanda Machmud, Syafrawati Syafrawati, **Aljunid SM**, Rima Semiarty (2020). Does Moral Hazard Occurs in The Implementation of Social Health Insurance? Evidence from Public Hospitals in A Rural Province of Indonesia. *Asia Pacific Fraud Journal*. 5 (1): 24-32. Doi: <http://dx.doi.org/10.21532/apfjournal.v5i1.133>
5. Faisal Almaslami, **Aljunid SM** (2020). Cost-effectiveness of assisted reproductive technologies in Saudi Arabia: Comparing in vitro fertilization with intrauterine insemination. *SAGE Open Medicine* 8: 1–8. DOI: <https://doi.org/10.1177/2050312120931988>
6. **Aljunid SM**. GBD Chronic Respiratory Disease Collaborators (2020). Prevalence and attributable health burden of chronic respiratory diseases, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet Respiratory Medicine*. 8(6): 585-596
7. Aznida Firzah Abdul Aziz¹, Chai-Eng Tan, Mohd Fairuz Ali and Syed Mohamed Aljunid. (2020). The Adaptation and Validation of the Satisfaction with Stroke Care Questionnaire (Homesat)(SASC10-MyTM) for use in public primary healthcare facilities caring for long-term stroke survivors residing at home in the community. *Health and Quality of Life Outcomes*. 18 (193):1-10. <https://doi.org/10.1186/s12955-020-01450-9>
8. **Aljunid SM**. GBD Local Burden of Disease Diarrhoea Collaborators (2020). Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000–17: analysis for the Global Burden of Disease Study 2017. *The Lancet*. 395(10239): 1779-1801. [https://doi.org/10.1016/S0140-6736\(20\)30114-8](https://doi.org/10.1016/S0140-6736(20)30114-8)
9. **Aljunid SM**, Tahir Noraita (2020). *Noise Induced Hearing Loss in Manufacturing Industries: How Much Does It Cost to the Workers, Families and Society?* Partridge, Singapore; ISBN-10: 1543757898; ISBN-13: 978-154375
10. **Aljunid SM**. GBD Health Financing Collaborator Network (2020). Health sector spending and spending on HIV/AIDS, tuberculosis, and malaria, and development assistance for health: progress towards Sustainable Development Goal 3. *Lancet* April 23. [https://doi.org/10.1016/S0140-6736\(20\)30963-6](https://doi.org/10.1016/S0140-6736(20)30963-6)
11. **Aljunid SM**. Local Burden of Disease Diarrhoea Collaborators (2020) Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000–17: analysis for the Global Burden of Disease Study 2017. *Lancet* May 6th. [https://doi.org/10.1016/S0140-6736\(20\)30114-8](https://doi.org/10.1016/S0140-6736(20)30114-8)
12. Yin Nwe Aung, **Nur AM**, Aniza Ismail, **Aljunid SM** (2020). Determining the Cost and Length of Stay at Intensive Care Units and the Factors Influencing Them in a Teaching Hospital in Malaysia. *Value in Health Regional Issues*. 21: 149-156
13. Aznida Firzah Abdul Aziz, Nor Azlin Mohd Nordin, Amrizal Muhd Nur, Saperi Sulong, **Aljunid SM** (2020). The integrated care pathway for managing post stroke patients (iCaPPS[®]) in public primary care Healthcentres in Malaysia: impact on quality adjusted life years (QALYs) and cost effectiveness analysis. *BMC Geriatrics* **20** (1)**1-10**. <https://doi.org/10.1186/s12877-020-1453-z>
14. **Aljunid SM**. GBD Collaborators (2020). Burden of injury along the development spectrum: associations between the Socio-demographic Index and disability-adjusted life year estimates

- from the Global Burden of Disease Study 2017. *Injury Prevention*. 0:1–15. doi:10.1136/injuryprev-2019-043296
15. **Aljunid SM**. GBD Collaborators (2020). Morbidity and mortality from road injuries: results from the Global Burden of Disease Study 2017. *Injury Prevention* 0:1–11. doi:10.1136/injuryprev-2019-043302
 16. Roszita Ibrahim, Azana Hafizah Mohd Aman, **Nur AM, Aljunid SM** (2020) Cost centric data mining for radiology procedures at teaching hospital in Malaysia. *Mehran University Research Journal of Engineering & Technology*. Vol. 39, No. 1(Jan): 1-8.
 17. **Aljunid SM**. GBD 2017 Lower Respiratory Infections Collaborators (2020) Quantifying risks and interventions that have affected the burden of lower respiratory infections among children younger than 5 years: an analysis for the Global Burden of Disease Study 2017. *The Lancet Infectious Diseases*. 20: (Issue 1, January) Pages 60-79. [https://doi.org/10.1016/S1473-3099\(19\)30410-4](https://doi.org/10.1016/S1473-3099(19)30410-4)
 18. **Aljunid SM**. GBD 2017 Lower Respiratory Infections Collaborators (2020) Quantifying risks and interventions that have affected the burden of diarrhoea among children younger than 5 years: an analysis of the Global Burden of Disease Study 2017. *The Lancet Infectious Diseases*. 20: (Issue 1, January) Pages 37-59 [https://doi.org/10.1016/S1473-3099\(19\)30401-3](https://doi.org/10.1016/S1473-3099(19)30401-3)
 19. Ziyab AH, **Almari M**, Al-Taiar A: Exposure to household secondhand smoke among adolescents in Kuwait: Results from two school-based cross-sectional studies. *Tob Induc Dis* 2020, 18:32
 20. **Aljunid SM**. GBD Health Financing Collaborator Network. (2019) Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995–2050. *Lancet* April 25th. [http://dx.doi.org/10.1016/S0140-6736\(19\)30841-4](http://dx.doi.org/10.1016/S0140-6736(19)30841-4)
 21. Haliza Hassan and **Aljunid SM** (2019). Job satisfaction among Community-Based Rehabilitation (CBR) workers in caring for disabled persons in the east coast region of Peninsular Malaysia, *BMC Public Health* 19(208) 2-9
 22. **Aljunid SM**-GBD 2016 Neurology Collaborators (2019). Global, regional, and national burden of neurological disorders, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet Neurology* 18: 459-480
 23. **Aljunid SM**-GBD 2017 Influenza Collaborators (2019) Mortality, morbidity, and hospitalisations due to influenza lower respiratory tract infections, 2017: an analysis for the Global Burden of Disease Study 2017. *Lancet Respiratory Medicine* 7: 69-89
 24. **Aljunid SM**, Aung YN, Ismail A, Abdul Rashid SAZ, Nur AM, Cheah J, et al. (2019) Economic burden of hypoglycemia for type II diabetes mellitus patients in Malaysia. *PLoS ONE* 14(10): e0211248. <https://doi.org/10.1371/journal.pone.0211248>
 25. Aung YN, **Nur AM**, Ismail A, **Aljunid SM** (2019). Characteristics and outcome of high-cost ICU patients. *ClinicoEconomics and Outcomes Research*. 11: 505-513
 26. **Aljunid SM**. GBD Collaborators (2019) Mapping of 129 million neonatal, infant and child deaths between 2000 and 2017. *Nature* 574:353-358
 27. **Aljunid SM**. -GBD 2017 Colorectal Collaborators (2019). The global, regional and national burden of colorectal cancer and its attributable risk factors in 195 countries and territories, 1990-2017: a systematic analysis for Global of Burden Disease Study 2017. *Lancet Gastroenterology Hepatology*. October 21, 2019 [https://doi.org/10.1016/S2468-1253\(19\)30345-0](https://doi.org/10.1016/S2468-1253(19)30345-0)
 28. **Aljunid SM**- Global Burden of Disease Cancer Collaboration (2019) Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and

- Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017. A Systematic Analysis for the Global Burden of Disease Study. *JAMA Oncology* 2996: 1-20
29. Hasan H, **Aljunid SM** and Nur AM (2019) The Costs of Caregivers for Children with Disabilities that Participate in Centre-Based and Home-Based Community-Based Rehabilitation (CBR) Programmes in the East Coast of Malaysia. *Intellectual Discourse* 27: 945-964
 30. Nordin NAM, Noor Azah Aziz, Saperi Sulong and **Aljunid SM** (2019). Effectiveness of home-based carer-assisted in comparison to hospital-based therapist delivered therapy for people with stroke: A randomised controlled trial. *NeuroRehabilitation* 45: 87–97
 31. Aman, A.H.M., Al Junid, S.A.M., Salehudin, H., Hidayat, A., Hassan, R. & **Aljunid SM**. (2019). Ecosystem for healthcare services and management system. *3C Tecnología. Glosas de innovación aplicadas a la pyme. Special Issue, October 2019, 28-39*. doi: <http://dx.doi.org/10.17993/3ctecno.2019.specialissue3.28-39>
 32. Roshanim Koris, Norashidah Mohamed Nor, Sharifah Azizah Haron, Tengku Aizan Hamid, **Aljunid SM**, Nur AM, Normaz Wana Ismail, Asrul Akmal Shafie, Suraya Yusuff & Namaitijiang Maimaiti (2019) The Cost of Healthcare among Malaysian Community-Dwelling Elderly. *Malaysian Journal of Economics* 53(1): 89-103
 33. Hassan H and **Aljunid SM** (2019). Job satisfaction among Community-Based Rehabilitation (CBR) workers in caring for disabled persons in the east coast region of Peninsular Malaysia, *BMC Public Health* 19(208) 2-9
 34. **Aljunid SM**. GBD Health Financing Collaborator Network. (2019) Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995–2050. *Lancet* 393 (10187): 2233-2260 [http://dx.doi.org/10.1016/S0140-6736\(19\)30841-4](http://dx.doi.org/10.1016/S0140-6736(19)30841-4)
 35. **Aljunid SM**. GBD 2016 Neurology Collaborators (2019). Global, regional, and national burden of neurological disorders, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet Neurology* 18: 459-480
 36. **Aljunid SM** -GBD 2017 Influenza Collaborators (2019) Mortality, morbidity, and hospitalisations due to influenza lower respiratory tract infections, 2017: an analysis for the Global Burden of Disease Study 2017. *Lancet Respiratory Medicine* 7: 69-89
 37. Abdulmoughni MA, Leny Suzana, Suddin, Aniza Ismail, Ahmad Taufik, Jamil, **Nur AN**, Saperi, Sulong (2019). A study on the prevalence of occupational injuries and the contributing factors, among health care workers at 48 model hospitals in Sanaa, Yemen, *International Medical Journal* 26 (3): 186-190.

Non-Peer Reviewed Publications

- None

Books

1. **Aljunid SM** and Noraita Tahir (2020). *Noise Induced Hearing Loss in Manufacturing Industries: How Much Does It Cost to the Workers, Families and Society?* Partridge, Singapore; ISBN-10: 1543757898; ISBN-13: 978-154375
2. Abdulveli Bozlar Magfiret and **Aljunid SM** (2020). *Practice of Traditional and Complementary Medicine Among Health Professionals in Malaysia*. Partridge Publications, Singapore; ISBN 978-1-5437-5721-7

3.4 Publications: Department of Public Health Practice

Peer-Reviewed Scientific Journal Publications

Alkhasawneh, E.

1. **Alkhasawneh E**, Arlupann, J, Seshan, V. (2020) Determinants of Compliance with Iron Supplements among pregnant women in a tertiary care Hospital. *International Journal of Nutrition, Pharmacology, and Neurological Diseases* (Accepted)

Non-Peer Reviewed Publications

- None

Books

- None

3.5 Publications: Department of Social and Behavioral Sciences

Peer-Reviewed Scientific Journal Publications

1. Al-Farsi OA, Al-Farsi YM, **Al-Sharbati MM**, Al- Adawi S. Sleep problems among parents of children with autism spectrum disorders in Oman: A case control study. *Kuwait Medical Journal* 2020; 52 (1): 36 – 42.
2. Mandrik O., **Tolma E.**, Zielonke N., Meheus F., Ordóñez-Reyes C., Severens J., & Murillo R. (2020). Systematic reviews as a “lens of evidence”: Determinants of participation in breast cancer screening. *Journal of Medical Screening*. <https://doi.org/10.1177/0969141320930743>
3. Oman R.F., Vesely S.K., Boeckman L., **Tolma EL**, Aspy C.B. (2019). Youth assets, neighborhood factors and alcohol Use: A study of health disparities. *Health Behavior and Policy Review*. <https://doi.org/10.14485/HBPR.6.5.1>
4. Terrell D.R., **Tolma EL**, Stewart L.M., Shirley E.A. (2019). Thrombotic thrombocytopenic purpura patients' attitudes toward depression management: A qualitative study. *Health Science Reports*, e136. <https://doi.org/10.1002/hsr2.136>
5. Omar Alqabandi, Yousef Almutawa, **AlTarrah D**, Mufarrej Alhajeri, Mohammad H. Jamal, Sulaiman Almazeedi. A Balloon Pancreatitis Case Series: The Rise of a New Complication Under review - Submitted to *International Journal of Surgery Case Reports* (July 2020)

Non-Peer Reviewed Publications

None

Books

Al-Tarrah, D

- Postoperative diet progression for Laparoscopic Sleeve Gastrectomy - AlSabah, S, 'The Complete Book of Laparoscopic Sleeve Gastrectomy.' Under review – Springer Nature (April 2020)

4 Conference Presentations – Academic Year 2019-20

4.1 Presentations: Department of Environmental and Occupational Health

Gasana J

1. **Gasana J.** The Effects of Public Health Measures such as Social Distancing, Quarantine, and Hand Hygiene in Reducing the Pandemic (FOPH Volunteer Lecture), May 18, 2020 (8 PM Zoom Meeting).
2. **Gasana J.** The Effects of Public Health Measures such as Social Distancing, Quarantine, and Hand Hygiene in Reducing the Pandemic (FOPH Volunteer Lecture) *Q & A Session*, June 08, 2020 (8 AM Zoom Meeting).
3. **Gasana J.** Environmental Epidemiology – Causation, Systematic Review/Meta-Analysis and Asthma, Undergraduate Students in Occupational Safety and Health, Universiti Putra Malaysia, Faculty of Medicine & Health Sciences, Kuala Lumpur, Malaysia, July 14, 2020 (18:00 Zoom Meeting).
4. **Gasana J.** OSH (Occupational Safety & Health) *capacity building in the African mining and other sectors via Diaspora and e-Learning*, invited oral presentation on behalf of MinOSH (ICOH Subcommittee) at SASOM/MEDICHEM joint congress, July 31- August 03, 2019, Protea Hotel by Marriott, Kempton Park, Gauteng, South Africa.
5. **Gasana J,** Boubakari Ibrahimou, Hamisu M Salihu, Hilda Owusu, Abdullah Safar - *Risk of Low Birth Weight and Very Low Birth Weight from Exposure to Particulate Matter (PM2.5) Speciation Metals during Pregnancy* at the 1st International Conference on Applications of Air Quality in Science and Engineering Purposes 10 – 12 February 2020, by KISR (Kuwait Institute of Scientific Research), Kuwait.
6. **Gasana J,** Boubakari Ibrahimou, PhD, Ahmed N. Albatineh, PhD, Hamisu M. Salihu, MD, PhD, Abdullah Safar MSc - *Ambient PM2.5 Aluminum and Elemental Carbon and Placental Abruptio Morbidity* at the 1st International Conference on Applications of Air Quality in Science and Engineering Purposes 10 – 12 February 2020, by KISR (Kuwait Institute of Scientific Research), Kuwait.
7. **Gasana J.** *Mining, OSH (Occupational Safety and Health) and Sustainability Triple Bottom Line (3 P's - People, Planet, and Profit), Case of Democratic Republic of Congo (DRC)* at the International Conclave on Occupational Health 2020 Incorporating ICOH Scientific Program, 70th National Conference of IAOH (Indian Association of Occupational Health) – OCCUCON 2020 & 68th Annual Conference of IAOH Mumbai Branch January 28th to February 1st, 2020, Mumbai, India.
8. **Gasana J** and Nduwayo L. *Teaching OSH (Occupational Safety and Health) using Blended Learning with regard to the Use of Chemicals by Diasporans, Case of Africa* at the International Conclave on Occupational Health 2020 Incorporating ICOH Scientific Program, 70th National Conference of IAOH (Indian Association of Occupational Health) – OCCUCON 2020 & 68th Annual Conference of IAOH Mumbai Branch January 28th to February 1st, 2020, Mumbai, India.
9. **Gasana J.** Major Industries, OSH and Triple Bottom Line of 3 Ps (People, Planet, and Profit) of Sustainability at the 1st International – 6th GCC Conference on Occupational Health and Safety, 15-17 December, 2019 Sheraton Hotel, Kuwait.

10. Nduwayo L., Poppe H., and **Gasana J.** *The house of diabetes in Rwanda, an online education programme and telemedicine consultation* at “e-Learning Africa 2019” 14th Conference and Exhibition on ICT for Education, Training and Skills Development October 23-25, 2019. Abidjan, Cote d’Ivoire.
11. **Gasana J.** *A Culture Perspective and Sustainable Improvements in Occupational Safety and Health (OSH) Performance in Mining* (Oral Presentation) at OSHAfrica 2019 Conference 18-20 September 2019 Emperors Palace Johannesburg South Africa
12. **Gasana J.** *Online Graduate Certificate in Occupational Safety and Health (OSH) to be offered by African OSH experts in the Diaspora* (Oral Presentation) at OSHAfrica 2019 Conference 18-20 September 2019 Emperors Palace Johannesburg South Africa.
13. **Gasana J.** *Mining, OSH and Triple Bottom Line (3 P’s -People, Planet, and Profit), Case of Democratic Republic of Congo (DRC)* (Poster Presentation) at OSHAfrica 2019 Conference 18-20 September 2019 Emperors Palace Johannesburg South Africa.

4.2 Presentations: Department of Epidemiology and Biostatistics

Alali WQ

1. **Alali, WQ:** Foodborne disease in the 21st century. Public Health: An Insight into Society, Kuwait, September 2019.
2. Lecture series on COVID-19
 - 16.04.2020. Epidemiology and Prevention of COVID-19. Delivered to HSC Faculty Medicine Students.
 - 04.05.2020. Epidemiology and Control of COVID-19. Delivered to FOPH students
 - 22.06.2020: Herd Immunity. Delivered to FOPH students

Alkhamis, MA

3. Oral (senior) presentation: Alkhamis MA, Aguilar C, Perez AM, Sanchez-Vizcaino JM (2019). Bayesian Phylodynamic Analyses of Segment 10 Reveals Global Origin, Spread, and Host Transmission of Bluetongue Virus. Oral presentation. GEOVET, Oct 8-10, Davis, California, USA. [abstract]. *Frontiers in Veterinary Science*. doi: 10.3389/conf.fvets.2019.05.00048.
4. Oral presentation: Alkhamis MA, Fountain-Jones NM, Perez AM, Sanchez-Vizcaino JM (2019). Spatial Machine Learning Approach for Risk-Based Surveillance of Bluetongue Virus Serotypes in Europe. Oral presentation. GEOVET, Oct 8-10, Davis, California, USA. *Frontiers in Veterinary Science*. doi: 10.3389/conf.fvets.2019.05.00057.
5. Lecture series- COVID-19
 - a. 07.06.2020. Basics of reading research. Delivered to HSC Faculty Medicine Students.
 - b. 14.07.2020. Fundamentals of spatiotemporal surveillance of emerging infectious disease pandemics. Delivered to HSC Faculty of Public Health Students.
 - c. 18.05.2020. Exploring the epidemiology and the prediction challenges of COVID-19 in Kuwait. Delivered at the 1st projection workshop organized by Kuwait Foundation for Advancement of Science.
6. Public Health Conference: Insight into Society: Modern Epidemiology and Statistics in the Age of One Health: 19/9/2019

7. Kuwait surgical week: November 16 2019: Clinical Applications of Machine Learning Algorithms in the Future of Surgery
8. Applications of molecular tools in spatial epidemiology: GEOVET workshop 6-7 2019 USA (Coordinator and Instructor).

4.3 Presentations: Department of Health Policy and Management

Aljunid, SM

1. **Aljunid SM** (2020). Health System Challenges in Managing Covid-19 Pandemic in Malaysia. Paper presented in Webinar on Pandemic Control in Emerging Challenges in ASEAN Health Systems, Manila, Philippines, 19th November.
2. **Aljunid SM** (2020). Impact of Covid-19 on Health Systems. Paper presented in Andalas International Public Health Conference 2020, Padang, Western Sumatera, Indonesia, 27th October
3. **Aljunid SM** (2020). Health Care Cost Management in Malaysia. Paper presented in International Seminar Beyond National Health Care System in Indonesia Towards Universal Health Coverage 2020, Palu, Central Sulawesi Indonesia, 31st October.
4. **Aljunid SM** (2020). Impact of Covid-19 Second Wave on Health System. Paper presented in DOCQUITY Webinar on Managing Second Wave of Covid-19 Pandemic, Kuala Lumpur, Malaysia. 20th October
5. **Aljunid SM** (2020). Effects of Covid-19 Pandemic on Health Systems. Paper presented in 1st International Conference on Public Health IIK Bhakti Wiyata, Jakarta, Indonesia, 15th September
6. **Aljunid SM** (2020). Strengthening of Healthcare System of Developing Countries through Research and Development in Health Economics and Financing. Keynote paper presented in International Seminar on Public Health and Education, Semarang, Indonesia, 22nd July
7. **Aljunid SM** (2020). Impact of Informatics and Technology on Public Health. Paper presented in International Conference on Health Informatics and Technology, Kuala Lumpur, 28th February
8. **Aljunid SM** (2020). Developing Public Health Leaders in the 21st Century: Issues and Challenges. Paper presented in Workshop on Transformational Leadership in Public Health, Kuala Lumpur, 29th February
9. **Aljunid SM** (2019) Challenges in Managing Health Human Resource in Malaysia. Paper presented in 13th Postgraduate Forum on Health System and Policy, Yogyakarta, 19th July
10. **Aljunid SM** (2019) Application of Casemix System in Management of Teaching Hospital. Paper presented in Public Talk, University Malaysia Sabah, Kota Kinabalu, 15th July
11. **Aljunid SM** (2019) Does Malaysia Needs Social Health Insurance in Our Health System. Paper presented in Distinguished Lecture Series in UNISHAM (Internal Islamic University Sultan Abdul Halim Muazam Shah), Kuala Ketil, 6th July
12. **Aljunid SM** (2019). Use of Casemix Data in Management of Teaching Hospitals. Plenary paper presented in the Second National Conference of Academic Medical Centres, 15th – 17th October, Putrajaya, Malaysia
13. **Aljunid SM** (2019) Using Big Data for Quality and Efficiency of Hospital Services: The role of Casemix/DRG System. Paper presented in Gulf Health Exhibition and Conference. Kuwait City, Kuwait, 15rd April.

14. **Aljunid SM** (2019) Financing health in ASEAN: balancing equity, affordability and healthcare quality. Plenary Paper presented in 5th ASEAN Regional Primary Care Conference (ARPAC KL 2019) Kuala Lumpur Malaysia, 29th March.
15. **Aljunid SM** (2019) Economic Burden of Infectious Diseases Roles of Health Promotion and Prevention at Workplace. Paper presented in First Combating Infectious Diseases at Workplace Settings Conference and Exhibition. Kuwait City, Kuwait, 23rd March.
16. Kholoud Marzouq and **Aljunid SM** (2019) Assessing Patient Safety Culture and Related Barriers in the Public Hospitals in Kuwait. Poster Presented in 24th HSC Poster Conference, Kuwait University, Kuwait 12-14th March
17. Aljunid SS, **Aljunid SM**, Mohd Taib MZ, Abu Samah Z (2019) Factors Influencing Users' Satisfaction on Interior Design Quality Of Public Hospitals In Malaysia. Poster Presented in 24th HSC Poster Conference, Kuwait University, Kuwait 12-14th March
18. **Aljunid SM**, Tolma E, Amrizal MN, Longenecker JC, Mahmoud A and Al-Wotayan R (2019) Knowledge, Attitude and Practices of Colorectal Cancer Screening among Primary Physicians in Kuwait. Poster Presented in 24th HSC Poster Conference, Kuwait University, Kuwait 12-14th March
19. Junaidah K, Yahya NM, Adlina S, Zafirah SA and **Aljunid SM** (2019) Leadership Styles Of Managers and Its Contributing Factors In A Military Hospital in Malaysia. Poster Presented in 24th HSC Poster Conference, Kuwait University, Kuwait 12-14th March
20. Shaban F, Al-Matrouk J, Al-Tourah M and **Aljunid SM** (2019). Management Styles and Challenges in Providing Speech Therapy Services in Kuwait: A Case Study of Sheikh Salem Al-Ali Center of Audiology and Speech Therapy. Poster Presented in 24th HSC Poster Conference, Kuwait University, Kuwait 12-14th March

Amrizal M Nur

21. Nur AM (2020). The preparedness of the health care system. FOPH Lecture Series on COVID-19 Pandemic, 15th June
22. Nur AM (2020). The new normal: Setting the priorities between health and economy. FOPH Lecture Series on COVID-19 Pandemic, 29th June
23. Nur AM (2020). An explanation of the tests used to diagnose COVID-19 and how they work?. FOPH Lecture Series on COVID-19 Pandemic, 8th July
24. Nur AM (2020), The New Normal: Setting Priorities Between Health and Economy, Oral presentation in The First Webinar International on Health & Economy (June, 2020), Padang, West Sumatera, Indonesia
25. Tolma EL, Aljunid SM, MN Amrizal, Longenecker, Al-Basmy, A, Annaka, M, and Al-Wotayan, R. Primary Care Providers' beliefs and practices on Colorectal Cancer screening in Kuwait. Oral & Poster Presentation in 12th Europeun Public Health Conference 2019, Marseilla, France.
26. Nur AM (2020) Introduction to Covid-19, Oral presentation in The Seminar on Health (February, 2020), Organized by Embassy of Indonesia in Kuwait and IDN Diaspora.
27. Nur AM (2020) DRG/Casemix System For Enhancement in Quality and Efficiency of Health Care, Oral presentation in The DRG/Casemix Workshop in Armed Force Hospital (February, 2020), Kuwait.

4.4 Presentations: Department of Public Health Practice

Alessa, H

1. Co-chair, “Educational Structure and the Gendering of STEM:” Promising Practices for Improving the Inclusion of Women in Science, Engineering and Medicine: Lessons from Kuwait and the United States, National Academies of Sciences, Engineering, and Medicine, Washington DC, October 2019.

4.5 Presentations: Department of Social and Behavioral Sciences

Al-Sharbati M

1. Overusing Internet and Associated Factors Among Omani Adolescents. European Psychiatric Association, 28th Congress of Psychiatry, Madrid, Spain, 28-31 March, 2020.

Tolma, E

2. **Tolma E.L.**, Aljunid SM, Amrizal MN, Longenecker J, Al-Basmy A, Annaka M, and Al-Wotayan R (2019). *Primary Care Providers’ Beliefs and Practices on Colorectal Cancer Screening in Kuwait*. Poster presentation. European Public Health Conference, Marseille, France.
3. Aljunid S.M., **Tolma E.L.**, Amrizal M.N., Longenecker J.C., Mahmoud A., Al-Wotayan R. (2019). *Knowledge, Attitude and Practices of Colorectal Cancer Screening among Primary Physicians in Kuwait*. Poster at the 24th Health Sciences Center Poster conference, Kuwait University.
4. **Tolma, E.L.** (2020) (Pre-recorded presentation). *Women’s health issues: Thinking globally/Acting locally*. Spring 2020 Student Seminar. Faculty of Health Sciences, Cyprus University of Technology.
5. **Tolma, E.L.** (2019). *Women’s health issues: perspectives from the field. Public Health: An Insight into society*. Kuwait University Faculty of Medicine, Kuwait Opera House, Kuwait. 23/9/2019.

PART B3: Report of Administrative Activities

1 Achievements of Administrative Departments

The FOPH currently has major deficits in the administrative departments. During the full academic year 2019-20, the FOPH has not had an Administrative Manager or Assistant Administrative Manager nor Heads of the Departments of Finance, Human Resources and Services & Follow Up. The Head of Academic Staff Affairs is the Acting Administrative Manager and is filling in for the missing leadership positions. However, there were no advertisements for administrative leadership positions for over a year, thus the FOPH has not been able to fill any of these positions.

The following are reports from the various administrative departments:

1.1 Department of Academic Staff Affairs

- Carried out all tasks requested by the Dean, Academic Staff and Support Academic Staff, including:
 - Organizing recruitment procedures for three Faculty Members and one Teaching Assistant
 - Preparing a Handbook describing all the tasks of the department
 - Facilitating all paperwork regarding annual leave, mid semester leaves, sick leave & maternity leave
 - Coordinating with the Services & Follow up Department to provide computers, printers, landline phones and internet connection to the new recruited faculty staff members and the TA.
 - Managing renewal of the residency & Civil ID of the academic staff members and their families
 - Assisting academic staff members with the new return from leave system
 - Assisting with summer ticket arrangements for academic staff members
 - Organizing preparations for the Faculty annual conference

1.2 Department of Finance

- Carried out all tasks requested from the faculty members & administrative staff, including:
 - Managing petty cash and all the needed paperwork
 - Preparing and following orders for equipment & other supplies needed for the faculty
 - Preparing responses to the Finance administration regarding follow-up inquiries
 - Collating the faculty needs for equipment, computers and software
 - Organizing and preparing purchase forms and follow up with Finance Dept.

1.3 Department of Services & Follow up

- Carried out all tasks requested by faculty members & administrative staff, including:
 - Organizing the maintenance the computers, cables, and LCD projectors in all classrooms.
 - Providing computers, printers and toners
 - Providing landline phones
 - Communicating with Technical Support Administration to provide internet connection
 - Providing extra chairs & desks, separators and stands for students' exams and events
 - Providing buses for educational fieldtrips
 - Following up with the custody procedures for retiring staff
 - Monitoring the cleaning staff and sending reports to the Services Administration

1.4 Department of Human Resources

- Carried out all tasks requested by administrative staff, including:
 - Monitoring the Administrative Staff attendance on the Oracle System for any mistakes.
 - Preparing all correspondence sent to the Human Resources Administration such as changing work timing for admin staff, reduced working hours, changing leave dates and overtime working hours.
 - Sending advertisements to recruit administrative staff
 - Helping with the paperwork of transferring administrative staff to the faculty
 - Writing internal circulars of the faculty
 - Assisting administrative staff regarding medical leave, medical council and maternity leave
 - Assisting administrative staff with secondment to another workplace
 - Preparing updated contact information lists for administrative and academic staff
 - Organizing administrative staff registration in University-sponsored training courses, and follow-up with the Training & Development Administration.

1.5 Department of Public Relations

The Public Relations Department supports the efforts and activities of the faculty members and students in the Faculty through participation, providing the necessary assistance, and highlighting it all through FOPH's social media accounts, in addition to, various other media outlets to introduce the public to the newly established Faculty. Plus, contributing to prepare the publication prints regarding the Faculty, ready. Alongside, to representing FOPH in relevant exhibitions and activities, in coordination with the Public Relations and Media Department at Kuwait University, by following the amendments made to the university's administrative structure.

For example, the Public Relations Department is keen on being present at the annual Orientation that is held at the beginning of the academic year for the Faculty's educational programs, which are the bachelor's and master's programs. Also, representing FOPH in the cancer prevention exhibition that

was held at the College of Life Sciences in October. As well as, contributing to the organization of the scientific research resources workshop, organized by HSC Library in November. In addition to documenting the event of the Public Health Day organized by students in December.

The PR department was, also, present with the FOPH students who actively participated in the awareness campaign organized by the Diabetes Unit at Amiri Hospital in Souq Al-Mubarakiya in January 2020. As well as, participating in the Palliative Care exhibition for cancer patients at the Faculty of Life Sciences and the National Day Festival on Shuwaikh campus in February 2020.

The Department also took care of everything related to the media aspect of the FOPH annual conference, which was to be held last March, before all events, activities, and conferences in the State of Kuwait were suspended as part of the Council of Ministers decisions to confront the COVID 19 pandemic.

Due to the vital role of Public Health in facing this pandemic - especially the Department of Epidemiology and Biostatistics - the department continued with the responsibility of communicating with various media outlets and reaching out, whether it might be read or visual, to inform the public of the important role that Public Health majors play in facing this epidemic, and its developments. Resulting in the period between March to June 2020 was an intense appearance of FOPH, that exceeded 10 Television interviews, while the FOPH social media accounts were filled with all the new instructions, advice, and decisions related to the prevention of the COVID 19 pandemic.

2 Organized faculty workshops to develop the Administrative Staff

Al-Sharbati M

- “Stress: causes, diagnosis and management”. A workshop presented to the FOPH admin staff, HSC, Kuwait (3-Oct-2019; 15 participants).

3 Participation in training courses

Mrs. Modhi Al Jurayed

- Program of Circulars & Instructions of the Budget Affairs Sector in the Ministry of Finance, 25-29 August, 2019 at the Millennium Hotel

Ms. Hissa Ghufuran

- Business Process Management & Change, London Management Centre – London, 19-25 January, 2020.

4 Recruiting new Administrative Staff

4.1 Current Administrative Staff Strength

The table below demonstrates that the current administrative staff structure is critically understaffed. Out of 42 administrative positions in the FOPH organizational chart, 43% (n=18) are vacant. Of these, only 2 of 6 department heads are filled, and the FOPH has no Administrative Manager or Assistant Administrative manager appointed; representing a serious gap in administrative leadership. This situation needs to be rectified urgently. The current administrative staff (and vacant positions) include:

Administrative Departments and Staff
<ul style="list-style-type: none"> • Office of Administrative Manager <ul style="list-style-type: none"> ○ Administrative Manager: Vacant ○ Assistant manager (مراقب): Vacant ○ Staff: <ul style="list-style-type: none"> ▪ Ms. Layali Murad (on leave) ▪ Mr. Mohammed Ahmed (on leave)
<ul style="list-style-type: none"> • Department of Academic Staff Affairs <ul style="list-style-type: none"> ○ Head: Mrs. Lama Siddik (Also Acting Administrative Manager) ○ Staff: <ul style="list-style-type: none"> ▪ Mrs. Aishah Al-Randi ▪ Vacant
<ul style="list-style-type: none"> • Department of Finance <ul style="list-style-type: none"> ○ Head: Vacant ○ Staff: <ul style="list-style-type: none"> ▪ Mrs. Moudhi Al-Jurayed ▪ Vacant
<ul style="list-style-type: none"> • Department of Services and Follow-up <ul style="list-style-type: none"> ○ Head: Vacant ○ Staff: <ul style="list-style-type: none"> ▪ Mr. Waleed Saleem (on leave) ▪ Mrs. Zahra Farman (on leave)
<ul style="list-style-type: none"> • Department of Human Resources <ul style="list-style-type: none"> ○ Head: Vacant ○ Staff: <ul style="list-style-type: none"> ▪ Mrs. Ghanemah Alasfour ▪ Vacant
KU Public Relations Department and Staff
<ul style="list-style-type: none"> • Office of Public Relations <ul style="list-style-type: none"> ○ Head: Mr. Abdulaziz Kazem ○ Staff: <ul style="list-style-type: none"> ▪ Mrs. Mrs. Mariam Ashkanani ▪ Vacant

Administrative Staff Assigned to Deanships and Academic Departments
<ul style="list-style-type: none"> • Administrative staff for the Office of the Dean: <ul style="list-style-type: none"> ○ Ms. Hissa Ghufuran ○ Mr. Hesham AbdulaRaheem ○ Mrs. Azza Behari
<ul style="list-style-type: none"> • Administrative staff for the Office of the Vice-Dean, Research and Post-Graduate Studies: <ul style="list-style-type: none"> ○ Mr. Eissa Abdullah (also Acting Head, Services)
<ul style="list-style-type: none"> • Administrative staff for the Office of the Vice-Dean, Academic: <ul style="list-style-type: none"> ○ Department of Student Guidance and Advising <ul style="list-style-type: none"> • Head: Vacant • Staff: Vacant ▪ Student Registration Unit <ul style="list-style-type: none"> • Head: Mrs. Basmah Al-Kharqawi (Also Acting Head of Department) • Staff <ul style="list-style-type: none"> ○ Vacant ▪ Student Affairs Unit <ul style="list-style-type: none"> • Head: Vacant • Staff: <ul style="list-style-type: none"> ○ Mrs. Alaa Al-Jum'a (Acting Head of Unit) ▪ Student Guidance Unit <ul style="list-style-type: none"> • Head: Vacant • Staff <ul style="list-style-type: none"> ○ Mrs. Yasmeen Al-Haddad (on leave) ○ Office of Quality Control and Accreditation <ul style="list-style-type: none"> • Head: Vacant • Staff: <ul style="list-style-type: none"> ○ Mr. Yousef Al-Houli
<ul style="list-style-type: none"> • Administrative staff for the Department of Environmental and Occupational Health <ul style="list-style-type: none"> ○ Mr. Eissa Abdullah (also Acting Head, Services) ○ Ms. Abrar Haider
<ul style="list-style-type: none"> • Administrative staff for the Department of Epidemiology and Biostatistics <ul style="list-style-type: none"> ○ Mrs. Fajer Marafi ○ Vacant
<ul style="list-style-type: none"> • Administrative staff for the Department of Health Policy and Management <ul style="list-style-type: none"> ○ Mrs. Fatima Marafi (on leave) ○ Vacant Ms. Fajer Marafi (Covering)
<ul style="list-style-type: none"> • Administrative staff for the Department of Public Health Practice <ul style="list-style-type: none"> ○ Ms. Abrar Haider ○ Vacant
<ul style="list-style-type: none"> • Administrative staff for the Department of Social and Behavioral Sciences <ul style="list-style-type: none"> ○ Mrs. Aishah Al-Randi ○ Vacant

During the academic year 2019-20, 2 administrative staff were transferred in the following departments:

- Finance Department (1)
- Student Affairs (1)

One administrative staff was recruited in the following department:

- Dean's Office (1)

4.2 Open positions for Administrative Staff: Recruitment Needs

As of September, 2020, a total of **18** administrative staff positions are currently vacant:

- Administrative Manager
- Assistant Administrative Manager
- Head of Human Resources Department
- Head of Finance Department
- Head of Services & Follow Up Department
- Head of Office of Student Guidance and Advising
- Head of Student Affairs Unit
- Head of Student Guidance Unit
- Head of Office of Quality and Accreditation
-
- Administrative Coordinator (5)
- Translator (2)
- Secretary (1)
- Computer Engineer (1)

Table B3-4.1. Vacancies in administrative leadership positions

Department/Unit	Vacancy in Department or Unit Head
Administrative Manager	Vacant
Assistant Administrative Manager	Vacant
Services & Follow Up Department	Vacant
Human Recourses Department	Vacant
Finance Department	Vacant
Office of Vice-Dean, Academic	
• Office of Student Guidance and Advising	Vacant
○ Student Affairs Unit	Vacant
○ Student Guidance Unit	Vacant
• Quality and Accreditation	Vacant

PART B4: Report of Faculty Community Service

1 Overview

The FOPH extends the expertise of its academic staff to provide support, services, and collaboration in Kuwait's public and private sectors. Different ministries and organizations, as MOH, MOE, KOC, KISR, and various NGOs are in desperate need for the competencies available in the FOPH. Worldwide, colleges of Public Health often function as a center of collaboration among institutions that are focused on public health and the community development. Such initiatives will be a gain for the FOPH, the university, the institutions it serves, and the population of Kuwait.

The FOPH in Kuwait works in close collaboration with other research teams inside and outside of the Kuwait University. Important partners outside the Kuwait University include the Ministry of Health and other ministries (e.g., Ministry of Education, Ministry of Social Affairs and Labor), the Dasman Diabetes Institute, KISR, KOC and KFAS. In addition, the FOPH is collaborating with some non-governmental organizations (NGO's) including the Kuwait Autism Center, the Kuwait Red Crescent Association, and the Kuwait Society for Anti-Smoking and Cancer.

The research collaboration will extend to cover GCC countries, as they have similar public health problems, as cardiovascular diseases, diabetes, and non-intentional injuries, mainly road accidents. They share also common risk factors, as unhealthy life behaviors, such as lack of physical exercise, overeating, poor stress management and smoking, leading to overweight and obesity, cardiovascular disease and cancer.

The Memorandum of Understanding between the Dasman Diabetes Institute and the Health Science Center, Kuwait University was signed by Professor Adel Al Awadhi, Vice-President, HSC and Dr Qais Al-Duwairi, Director General of the Dasman Institute in May 2017. The First Annual Review Meeting of the MOU was held on April 2, 2018 in Kuwait University. Another Memorandum of Understanding is sought to be signed between Al-Yarmook Healthy City and the FOPH representing the KU, which will create a wide range of activities and make door open for teaching, awareness campaigns, research, etc.

The role of international partners is also of paramount importance in setting and in achieving the objectives of the FOPH. Kuwait is tightly bound to international collaboration in the field of public health through agreements arranged by the UN-bodies (WHO, ILO, UNHCR, and others). The Sustainable Developmental Goals for 2015+ provide targets and indicators, which the FOPH can help the Ministry of Health follow.

The following sections detail the community service contributions of each department at the levels of:

- 1) Training conferences and workshops
- 2) Faculty member secondment
- 3) Service to Kuwait University
- 4) Service to the State of Kuwait, and
- 5) International impact – both regional and global

It should be clear from the details provided below that as a young faculty, the FOPH is contributing to the local contribution, national service, and global visibility goals that are detailed in the Kuwait University Strategic Plan.

2 Faculty Conferences and Training Workshops

2.1 Faculty-Wide Conferences and Workshops

Workshop on Academic Accreditation

- Workshop on accreditation by the Council of Education in Public Health (USA). Prof. Joeclyn DeJong from American University of Beirut. The workshop covered accreditation criteria and procedures for both the BSc and MPH programs (November 10-13, 2019; 21 participants)

Faculty conference on Public Health Nutrition

- The FOPH had received funding from Kuwait University and had planned a conference entitled “Public Health Nutrition in Kuwait: Ultra-Processed Foods and Chronic Diseases,” to be held in March, 2020. However, the conference was postponed because of the COVID-19 pandemic.

2.2 Workshops: Department of Environmental and Occupational Health

Gasana J, Vainio H, Al-Zoughool M,

- Occupational Safety and Health (OSH) and COVID-19 Prevention (PI - Assc. Prof Janvier Gasana, Co-PIs - Prof Harri Vainio, Dr Mustafa Al-Zoughool, Dr Barrak Alahmad, Dr Dua Alkhaleedi, Prof Mohamed Kamel, Dr Shubhendu Mudgal, and Dr Ivan Ivanov). October 11 – December 05, 2020 (190 participants)

2.3 Workshops: Department of Epidemiology and Biostatistics

Alali WQ and Alkhamis M

- Workshop on the basic applied principles of epidemiology and biostatistics in relation to MPH capstone projects. September 1-5, 2019 (15 participants).

2.4 Workshops: Department of Health Policy and Management

Aljunid SM, Amrizal M Nur, Saleh Alsarhan and Mohammad Almarri

- Online Workshop on The Key Principles of Health Care Quality Improvement. Kuwait (18th November, 2020; 52 participants)
- Online Workshop on Clinical Coding of Diagnosis and Procedures in DRG/Casemix System, Kuwait (2nd November, 2020; 40 participants)
- Online Workshop on How to Impute Cost of Patient Care? A practical approach in Cost Analysis in Health Care Services, Kuwait (9th November, 2020; 31 participants)
- DRG/Casemix Workshop in Armed Force Hospital, Kuwait (15-Feb-2020; 8 participants).

Aljunid SM and Amrizal M Nur

- Online Workshop on Using Casemix For Strategic Management of Hospitals During Covid-19 Pandemic, Kuala Lumpur, Malaysia (16-17 November, 2020: 45 participants)

Aljunid SM

- Workshop in Smart Planning for Successful Healthcare System, Kuwait (19-21 Nov-2020; 60 participants)
- Pre-Congress Workshop on Patient Data Analysis using MY-DRG Casemix Data for Decision Making, Kuala Lumpur, Malaysia (15-Oct-2019; 80 participants)

2.5 Workshops: Department of Public Health Practice

None

2.6 Workshops: Department of Social and Behavioral Sciences

Al-Sharbati M

- “Stress: causes, diagnosis and management”. A workshop presented to the FOPH admin staff, HSC, Kuwait (3-Oct-2019; 15 participants).
- “The handicap: types, management and prevention”. A lecture given to the Kuwait Mental Health Center staff, Kuwait (4-Dec-2019; 50 participants).

3 Secondment of Faculty for Consultation

Dept. of Epidemiology and Biostatistics

Walid Alali

- Ministry of Health, Department of Public Health

Dept. of Public Health Practice

AlAwadhi M

- Dasman Diabetes Institute

Dept. of Social and Behavioral Sciences

Al-Tarrah, D

- Jaber Hospital, Bariatric Surgery Unit

4 Service – Kuwait University

4.1 Service, KU: Department of Environmental and Occupational Health

Service: Health Sciences Center

Gasana J

- FOPH representative in KU OMICS Research Lab
- Health Sciences Center Ethical Committee
- KU HSC Poster Conference (Committee Member and Judge)

Vainio, H

- HSC Deans' Council

Al-Zoughool, M

- Emerging Coronavirus (COVID-19) Committee – April and May 2020

Service: Faculty of Public Health

Gasana J

- Faculty Council
- Director, Environmental and Occupational Health MPH program
- Faculty Scholarship Committee
- Faculty Graduate Studies Area Committee
- Faculty Appointments and Renewal Committee
- Faculty Scholarship Committee
- Faculty Examination Committee
- Faculty Curriculum, Assessments, and Admissions Committee
- MPH Committee
- Chair, Safety and Wellbeing Committee
- MOH Ad hoc Consultation Re: COVID-19 Outbreak
- Online Teaching/Learning Transition Committee

Vainio, H

- Dean, FOPH

Al-Zoughool, M.

- MOH Ad hoc Consultation Re: COVID-19 Outbreak
- Online Teaching/Learning Transition Committee
- Coordinator of Research, Department of Environmental and Occupational Health,

Service: DepartmentalGasana J

- Acting Department Chairperson
- Chairperson, Departmental Council
- Chairperson, Departmental Appointment and Interview Committee
- Chairperson, Departmental Scholarship Committee
- Chairperson, Departmental Examination Committee
- Running EOH department as interim chair (recruitment of staff – faculty, teaching assistants, and scholars; day-to-day activities of the department including organizing meetings);
- Developed a list of needed laboratory equipment (for analysis of water, air, and soil, and industrial hygiene/occupational health and safety) for Adeliya and Shadadiya campuses
- Designed an evening graduate diploma in Occupational Safety and Health (OSH);
- Developing a training center like the one at Kuwait University College of Engineering
- Designed the MPH-EOH curriculum and currently running the program along with teaching all EOH courses
- Working with KOC (Kuwait Oil Company) and other companies in Kuwait to develop and advertise the OSH Diploma to their safety engineers.

4.2 Service, KU: Department of Epidemiology and Biostatistics**Service: Kuwait University**Alkhamis, M

- Member, Secretary General Higher Committee for defining the needs and requirements for completing the academic year 2019-2020 under the COVID-19 pandemic, Kuwait University, Kuwait.

Service: Health Sciences CenterAlkhamis, M

- Member, Health Sciences Center Committee for Student Research, Kuwait University, Kuwait.

Service: Faculty of Public HealthAlali, W

- Faculty Council, Rapporteur
- MPH Program and Curriculum Committee
- MPH Examination Committee
- Faculty Graduate Studies Area Committee
- Faculty Appointments and Renewal Committee
- Faculty Scholarship Committee
- Faculty Examination Committee
- Faculty Curriculum, Assessments, and Admissions Committee

Service: Departmental

Alali, W

- Acting Chairperson
- Chairperson, Departmental Council
- Chairperson, Departmental Appointment and Interview Committee
- Chairperson, Departmental Scholarship Committee
- Chairperson, Departmental Examination Committee

Alkhamis, M

- Member, Departmental Council (2018-current)
- Member, Departmental Scholarship Committee (2019-present)
- Member, Departmental Examination Committee (2019-present)

4.3 Service, KU: Department of Health Policy and Management

Service: Health Sciences Center

Aljunid, SM

- Chairman of 25th HSC Poster Conference, Kuwait University (from 1st April 2019 to April 2020)

Service: Faculty of Public Health

Aljunid, SM

- Faculty Council
- Director of Postgraduate Programmes, FOPH
- Chairperson, MPH Program Committee
- Faculty Graduate Studies Area Committee
- Faculty Appointments and Renewal Committee
- Faculty Scholarship Committee
- Faculty Examination Committee
- Faculty Curriculum, Assessments, and Admissions Committee

Amrizal M Nur, Dina Zein

- Online learning transition committee for KU FOPH

Service: Departmental

Aljunid, SM

- Department Chairperson
- Chairperson, Departmental Appointments and Interview Committee
- Chairperson, Departmental Scholarship Committee
- Chairperson, Departmental Examination Committee

4.4 Service, KU: Department of Public Health Practice

Service: Health Sciences Center

None

Service: Faculty of Public Health

Alessa, H

- Member of the Scientific Committee of the Faculty of Public Health's 2020 Conference titled 'Public Health Nutrition in Kuwait: Ultra-Processed Foods and Chronic Diseases', which has been postponed from March 2020 to a later date.
- Co-chair of the Faculty of Public Health's 2020 Conference titled 'Public Health Nutrition in Kuwait: Ultra-Processed Foods and Chronic Diseases', which has been postponed from March 2020 to a later date.

Alkhasawneh, E

- Member, FOPH Distance Learning Transition Committee
- Member, FOPH Accreditation Committee
- Member, FOPH COVID-19 Resource Group
- Member, FOPH Committee to Establish a Faculty Mentorship Program

Service: Departmental

Al-Awadhi, M

- Member, Departmental Scholarship Committee
- Member, Departmental Examination Committee
- Member, Departmental Council

Alessa, H

- Member, Departmental Scholarship Committee
- Member, Departmental Examination Committee
- Member, Departmental Council

Alkhasawneh, E

- Member, Departmental Scholarship Committee
- Member, Departmental Appointments and Interview Committee
- Member, Departmental Examination Committee
- Member, Departmental Council

4.5 Service, KU: Department of Social and Behavioral Sciences

Service: Health Sciences Center

Al-Sharbaty, M

- Chair of the FOPH-College of Graduate Studies Area Committee (2017-current)
- Member, College of Graduate Studies Council (2017-current)
- Associate Editor: Medical Principles and Practice (HSC; 2018-current)

Service: Faculty of Public Health

Al-Sharbaty, M

- Acting Vice Dean, Research and Postgraduate Studies (2017-current)
- Member, Dean's Executive Committee (2017-current)
- Chairperson, Faculty Appointments and Appointments Committee (2019-current)
- Chairperson, FOPH Research Committee (2017-current)
- Chair of the COGS Faculty Area Committee (2017-current)
- Member, College of Graduate Studies Council (2017-current)
- Member of the MPH Committee (2017-current)
- Member, Faculty Scholarship Committee (2017-current)
- Member, Faculty Examination Committee (2017-current)
- Member, Faculty Curriculum, Assessments, and Admissions Committee (2017-current)
- Member, Faculty of Public Health Council (2016-current)
- Member, Epidemiology and Biostatistics Committees: (2019-current)
 - Departmental Council
 - Departmental Scholarship Committee
 - Departmental Appointment and Interview Committee
- Member, Public Health Practice Departmental Committees (2017-current)
 - Departmental Council
 - Departmental Scholarship Committee
 - Departmental Appointment and Interview Committee

Al-Tarrach, D

- Assistant Professor representative, Faculty Council
- Medical Campus Space Committee (FOPH, Al Shadadiya Campus) (2018 – present)
- Faculty of Public Health Campus relocation committee (2019 – present)

Tolma, E

- Chair- Adhoc committee on transition to E-learning (Spring 2020)
- Member of Faculty of Accreditation Committee (2019-present)
- Member, Faculty of Public Health Council, Representative of the Associate Professors (2017-current)
- Member, Health and Safety Committee (2017-current)
- Member, Research Committee (2017-current)
- Member, Health Policy and Management Departmental Committees: (2017-current)
 - Departmental Council
 - Departmental Scholarship Committee
 - Departmental Appointment and Interview Committee
 - Departmental Examination Committee
- Member, Environmental and Occupational Health Departmental Committees (2017-current)
 - Departmental Council
 - Departmental Scholarship Committee
 - Departmental Appointment and Interview Committee
 - Departmental Examination Committee

Service: Departmental

Al-Sharbaty, M

- Department Chairperson (2017-current)
- Chairperson, Departmental Appointments and Promotions Committee (2017-current)
- Chairperson, Departmental Scholarship Committee (2017-current)
- Chairperson, Departmental Examination Committee (2017-current)

Al-Tarrah, D

- Member, Departmental Council (2018-current)
- Member, Departmental Appointments and Interview Committee (2018-current)
- Member, Departmental Scholarship Committee (2019-present)
- Member, Departmental Examination Committee (2019-present)

Tolma, E

- Member, Departmental Council (2019-current)
- Member, Departmental Appointments and Interview Committee (2017-current)
- Member, Departmental Scholarship Committee (2019-present)
- Departmental Examination Committee (2019-present)

4.6 Service, KU: Office of Vice-Dean, Academic

Dr. Joseph Longenecker, whose appointment is in the Department of Community Medicine and Behavioral Sciences, FOM, has been appointed as Vice-Dean for Academic Affairs since 2014. His academic contributions (teaching, research and CMBS administrative contributions) are included in the Annual Report for the FOM. His administrative contributions to the FOPH include the following:

- Vice-Dean, Academic (Acting as of March, 2020)
- Member, Dean's Executive Committee
- Chairperson, Faculty Scholarship Committee (2015-current)
- Chairperson, Faculty Examination Committee (2015-current)
- Chairperson, Faculty Curriculum, Assessments, and Admissions Committee (2015-current)
- Rapporteur, Faculty of Public Health Council (2017-January, 2019)
- Acting Chairperson, Department of Epidemiology and Biostatistics (2015 to January, 2019)
 - Acting Chairperson, Departmental Council
 - Acting Chairperson, Departmental Appointments and Interview Committee
 - Acting Chairperson, Departmental Scholarship Committee
 - Acting Chairperson, Departmental Examination Committee
- Acting Chairperson, Department of Public Health Practice (January, 2019-present)
 - Acting Chairperson, Departmental Council
 - Acting Chairperson, Departmental Appointments and Interview Committee
 - Acting Chairperson, Departmental Scholarship Committee
 - Acting Chairperson, Departmental Examination Committee
- Member, FOPH MPH Committee
- Member, FOPH Research Committee
- Member, FOPH Medical Campus Space Committee (Al Shadadiya Campus; 2018-current)
- Member, FOPH Online Learning Transition Committee

5 Community Service – Kuwait

5.1 Community Service, Kuwait: Department of Environmental and Occupational Health

Gasana J

- Ministry of Health (MOH) Dept. of Occupational Health (Occupational Health and Safety Workshops, Conferences, and Seminars),
- Collaboration with MOH Dept. of Environmental Health on Indoor Air Lead/Toxics and the Prevalence of Asthma among children in Kuwait,
- Ministry of Interior (MOI) through Al-Qout and Kuwait Society for Injury Prevention.
- Developing FOPH - WHO Collaborating Center (at the concept stage).

Vainio, H

- Public Health Advisory Group for COVID-19 in Kuwait. Ministry of Health. (A Member). March, 2020 – June 2020.
- Public Health Advisory Group for the COVID-19 Lockdown Management in Kuwait. Ministry of Health. (A member). June – September 2020.

5.2 Community Service, Kuwait: Department of Epidemiology and Biostatistics

Alali, W

- Member of the National Population Health Survey committee- Ministry of Health
- Member of the COVID-19 Advisory Group to Department of Public Health- Ministry of Health
- Television interviews on COVID-19
 - Mar13,2020 TV Interview in Arabic, KTV 3
 - Mar18,2020 TV Interview in English, KTV 2

Alkhamis, MA

- Member of the COVID-19 Advisory Group to the Assistant Undersecretary of Technical Affairs, Ministry of Health.
- Member of emergency resilience program in response to COVID-19, Kuwait Foundation for the Advancement of Science.
- Television interviews on COVID-19
 - Mar17,2020 TV Interview in Arabic, KTV 1
 - Mar26,2020 TV Interview in English, KTV 2
 - Apr6,2020 TV Interview in Arabic., KTV 1
 - Apr11,2020 TV Interview in Arabic, KTV 1
 - Apr27,2020 TV Interview in Arabic, KTV 1
 - June27,2020 TV Interview in Arabic, KTV 1
 - July1,2020 TV Interview in Arabic, KTV 1
 - May 5,2020 Press conference, Council of Prime Minister

5.3 Community Service, Kuwait: Department of Health Policy and Management

Aljunid, SM

- Member of MOH Advisory Committee on COVID-19
- Member, Kuwait MOH Committee on Point of Care Testing
- Member, Kuwait MOH Committee on Statistics and Health Information
- Member, Dr Abdurrahman AlSumait Prize for African Development Search & Nomination Panel, KFAS
- Members of FOPH Council
- Member of FOPH Curriculum, Assessment and Admissions Committee
- Member of FOPH Appointment and Promotion Committee
- Member of KU Research and Ethics Committee
- Advisor, National Centre of Health Information, Ministry of Health Kuwait
- External Examiner, PhD Viva, Faculty of Public Health, Universitas Andalas, Indonesia
- Member, World Health Organisation Morbidity Morbidity Reference Group on ICD-11 Revision, Geneva

5.4 Community Service, Kuwait: Department of Public Health Practice

AlAwadhi, M

- Member in the Ministry of Health (Public Health) Reform Committee: participated in creating a public health strategy and framework for strengthening the public health system in Kuwait.

Alessa, H

- Led and moderated the 1st COVID-19 Projection Models Virtual Workshop by the Kuwait Foundation for the Advancement of Science, which hosted a number of local scholars that have worked on the topic and included a commentary from the Ministry of Health in Kuwait and The Institute of Health Metrics at the University of Washington, Seattle WA, May 2020.
- Led and moderated the 2nd COVID-19 Projection Models Virtual Workshop by the Kuwait Foundation for the Advancement of Science, where two local scholars from Kuwait University, Dasman Diabetes Institute, and the University of Chicago presented some more advanced projection models, followed by a discussion, July 2019.
- Led and moderated the 3rd COVID-19 Projection Models Virtual Workshop by the Kuwait Foundation for the Advancement of Science, which hosted from The Institute of Health Metrics at the University of Washington, Seattle WA, Dr.Ali Mokdad, a Professor of Health Metrics and Dr.Bobby Reiner, the lead scientist of the renowned COVID-19 projection model task force, followed by a lively discussion moderated by Dr.Alessa, July 2019.
- Nominated to be a member of the Supreme National Committee of the Prevention and Control of Obesity and Weight Gain chaired by His Excellency the Minister of Health of Kuwait, February 2020 – present.

5.5 Community Service, Kuwait: Department of Social and Behavioral Sciences

Al-Sharbatj, M

- Tolma, E.L, **Al-Sharbatj, M.**, Al-Bahar, S. (2020). “Guidelines and tips: how to retain mental health for frontline health care workers during the COVID-19 pandemic”. Faculty of Public Health, Kuwait University.
- SBS Faculty Members and students: “Eight tips to help improve mental wellbeing during COVID-19 pandemic”, addressed to the public via social media.
- Widespread connection with different ministries (as Ministry of Health, Ministry of Education, Ministry of Interior, Ministry of Water and Electricity), and non-governmental organization (as Kuwait Red Crescent, Kuwait Autism Center, Child Protection Society, Public Authority of Sport, Public Authority for Food and Nutrition, KISR) through the application of the Practicum: discovering communities course.
- A lecture entitled “Handicap: causes, Management and prevention” given in the Kuwait Mental Health center 3rd October, 2019.

Tolma, E

- Tolma, E.L, Al-Sharbatj, M., Al-Baha, S. (2020). Guidelines and Tips: How to Retain mental health for front-line health care workers during the COVID-19 Pandemic. Faculty of Public Health, Kuwait University.
- Worked with other faculty members of the FOPH in assisting student groups to develop health education materials on COVID-19 based on scientific evidence (targeting adults and children)

Al-Tarrah, D

- MOH Secondment Appointment:
 - Developing Educational Path and Clinical Practice (pre/post-surgery): Jaber Hospital, Bariatric Surgery Unit
- Board Member, Women’s Cultural and Social Society (2018 – present)
- Nutrition workshop for children with Kuwait Human Rights School

6 Community Service – International

6.1 Community Service, International: Department of Env. and Occupational Health

International Collaboration and Consultancy

Gasana J

- Member of Florida-based ARISE Foundation Advisory Board
- Member of Editorial Board Advisory of the Chicago-based National Safety Council
- Member (in charge of online teaching) of the AITR-GHL (African Institute for Training & Research – Georges-Henri Levesque),
- Member of ICOH (International Commission for Occupational Health), [Subcommittees: MinOSH (Mining Occupational Safety & Health), Medichem, TB & Silicosis in Mining]
- Member of WHO (World Health Organization) / WMO (World Meteorologic Organization) – Geneva -Technical Report on Occupational Health Stress.

Vainio, H

- Member of the DE-grading Epidemiology (DEEP) Network. (A network of more than 100 researchers in epidemiology and related disciplines). (deep@lshtm.ac.uk)
- Member of the Working Group-to contribute a Technical World Health Organization – World Meteorological Association (WHO-WMA) state-of-the-art report on heat exposure of workers in relation to climate change. (work under way; “final” draft available).

Journal Editor and Reviewing Services

Gasana J

- Editor: Asian Journal of Medicine and Health (AJMAH) - Editor
- Editor: International Journal of Tropical Disease and Health – Academic Editor; and
- Editor: Air and Water Borne Diseases – Editor of Special Topic “Water and Health”
- Editorial Board: PLOS ONE
- Editorial Board: Occupational Diseases and Environmental Medicine
- Editorial Board: Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine
- Editorial Board: Environmental Health Insights
- Editorial Board: International Journal of Medical Sciences and Biotechnology
- Editorial Board: Journal of Environmental & Analytic Toxicology
- Reviewer: American Public Health Association
- Reviewer: Environmental Research
- Reviewer: International Journal of Environmental Research and Public Health
- Reviewer: Archives of Environmental and Occupational Health
- Reviewer: International Journal of Environmental Health Research

Vainio, H

- Safety and health at Work (SH@W): Associate Editor
- Epidemiology and Health (epiH): Editor
- Egyptian Journal of Occupational Medicine: Editor

Al-Zoughool, M

- Reviewer: Environmental Health and preventive Medicine
- Reviewer: International Journal of Public Health
- Reviewer: Radiation and Environmental Biophysics
- Reviewer: Journal of Analytical Biochemistry
- Reviewer: Health Physics

Membership and Contribution to Professional Organizations

Gasana J

- SASOM (South African Society of Occupational Medicine) member

Vainio, H

- Member of the Finnish Society of Toxicology. Recognized professional qualifications as toxicologist by the European Society of Toxicology.

Al-Zoughool, M

- Member of the American Association of Pharmaceutical Scientists (AAPS).
- Member of the Society of Toxicology (SOT).
- Member of the Canadian Society of Epidemiology and Biostatistics (CSEB).

Other International Community Service

Gasana J

- Serving as International Advisor for 2 PhD Students (who specialize in water and public health) from the Ethiopian Institute of Water Resources (EIWR).
- Member of Editorial Committee for Selected Health Systems of Africa
- Member of WHO (World Health Organization) / WMO (World Meteorologic Organization) – Geneva -Technical Report on Occupational Health Stress.
- Member of OSHAfrica (Occupational Safety & Health for Africa) (member and chair of Research, Publications, and Data committee)
- Member HSE (Health Safety Environment) Advisory Panel for London-based Alain Charles Publishing, organizer of HSE Conferences and Exhibitions in Middle East and Africa.

6.2 Community Service, International: Department of Epidemiology and Biostatistics

International Collaboration and Consultancy

Alali, W

- External Consultant for a project hosted by Shanghai Ocean University, Shanghai, China: “Innovation in Rapid Detection methods for *Vibrio cholerae* in Aquaculture Products”.
- External consultant for a project hosted by North West A&F University, Xianyang, China: “Data multi-analysis on antibiotic resistance and pathogenesis of foodborne pathogens”.
- Collaboration on antimicrobial resistance and food safety with Dicle University, Diyarbakir city Turkey.
- Collaboration on food safety research with the Biomedical Research Center, Qatar University, Doha, Qatar
- International Congress of Pathogens at the Human Animal Interface (ICOPHAI) Organization Committee: Member

Alawadhi, E

- CONCORD Working group of the global programme for world-wide surveillance of cancer survival, led by the London School of Hygiene & Tropical Medicine.

Alkhamis, M

- *2020-cont.* Technical Advisor, University of Minnesota, OIE Collaborating Center for Animal Health and Food Safety, USA.
- *2015-2020.* Adjunct Assistant Professor, Veterinary Population Medicine Department, University of Minnesota, St. Paul, USA.

Membership and Contribution to Professional Organizations

Alali, W

- 2011 – present: Global Foodborne Infectious Network-World Health Organization (WHO-GFN).
- 2012 – present: European Food Safety Authority (EFSA) EFSA’s Expert Database.

Journal Editor and Reviewing Services

Alali, W

- Guest Associate Editor, *Frontiers in Sustainable Food System-Agro Food Safety*

Alkhamis, M

- Associate Editor, *Frontiers in Veterinary Science* peer-reviewed journal, Veterinary epidemiology section, open access, Online ISSN: 2297-1769. 2015-present.

6.3 Community Service, International: Department of Health Policy and Management

International Collaboration and Consultancy

Aljunid SM

- Member of Organising Committee, 14th Postgraduate Forum in Health System and Policy; Prince Songkhla University, Thailand /20th-21th Dec 2020
- Chairman, Workshop on Health Economics and Financing; Malaysian Health Economics Association/Kuala Lumpur/20th – 21st January 2020
- Member of Organising Committee, 13th Postgraduate Forum in Health System and Policy; Universitas GadjMada/Indonesia/18th-20th July 2019
- Consultant and Advisor for Development and Implementation of Case-Mix System INA-CBG, Ministry of Health Indonesia (September 2005 – until now)
- Member, World Health Organisation Morbidity Reference Group for ICD-11 Revision, Geneva (October 2016- now)
- Member of Asia Pacific Network of WHO Family of International Classifications (2011- now)
- Member, Global Burden of Diseases Collaborator Network, Institute for Health Matrix and Evaluation, Seattle, USA (2016- now)
- External Examiner and Adviser PhD Programme, Faculty of Medicine, Universitas Andalas, Indonesia (29th May 2020)
- Member, World Bank South East Asia DRG/Casemix Expert Group (March 2018 – now)
- Member, International Society for Pharmacoeconomics and Outcome Research (January 2007- now)
- Chief Editor, Malaysian Public Health Medicine Journal (January 2006- now)
- Editorial Board Member, Global Journal on Quality and Safety in Health Care, Global Academy for Health Sciences, Cincinnati, OH, USA. (August 2018- now)

Membership and Contribution to Professional Organizations

Aljunid, SM

- Deputy President, Malaysian Public Health Specialists' Association
- President, Malaysian Health Economics Association
- President, Malaysian Chapter of International Society of Pharmacoeconomics and Outcome Research

Journal Editor and Reviewing Services

Aljunid SM

- Chief Editor, Malaysian Journal of Public Health Medicine
- Member of Editorial Board, Global Journal on Quality and Safety in Healthcare, Saudi Arabia
- Member, Editorial Board, Value in Health Regional Journal
- Reviewer, Asia Pacific Journal of Public Health
- Reviewer, BMC Health Services Research
- Reviewer, PLOS ONE Journal
- Reviewer, International Journal of Economics and Management
- Reviewer, Malaysian Journal of Health Sciences
- Reviewer, Saudi Journal of Medicine and Medical Sciences

6.4 Community Service, International: Department of Public Health Practice

Collaboration and consultancy: International

Alessa, H

- Member of the workshop committee for the Promising Practices for Improving the Inclusion of Women in Science, Engineering, and Medicine: Lessons from Kuwait and the United States – Workshop Series. National Academies of Sciences, Engineering, and Medicine. (2019 – present).
- Visiting Scientist, Department of Nutrition, Harvard T.H. Chan School of Public Health.

Membership and Contribution to Professional Organizations

Al-Awadhi, M

- Mentor in the Proteges (a mentorship program for youth in Kuwait)
- Member of the American Public Health association
- Member of the Academy of Dietetics and Nutrition

Alessa, H

- American Heart Association
- American Diabetes Association
- American Public Health Association

Alkhasawneh, E.

- American Academy of Nurses, elected member
- Oncology Nursing Society, member
- Jordanian Nursing Council, Member
- New Mexico Nursing Board, Certified RN

Journal editor and reviewing services

Alkhasawneh, E.

- Sultan Qaboos Medical Journal, reviewer Oncology Nursing Forum, reviewer

6.5 Community Service, International: Department of Social and Behavioral Sciences

Collaboration and consultancy: International

Al-Sharbatj, M

- Collaboration with University Kebangsaan Malaysia as an external examiner for the PhD Theses.
- Collaboration with Saud Bin Abdul Aziz University for Health Sciences in assessment of promotion of one of its Faculty staff.
- Collaboration with Sultan Qaboos University in Sultanate of Oman in research projects.
- Collaboration with “Woman Empowerment Association” in conducting online meeting.
- Collaboration with NGOs through the course of Practicum: Discovering Communities

Tolma, E

- Member, “EMRO-MENA rapporteurs on cervical cancer,” a WHO-sponsored network of researchers

Membership and contribution to professional organizations

Al-Sharbaty, M

- Member, Kuwait University Faculty Association

Tolma, E

- European Public Health Association-Health Promotion and Chronic Diseases sections (2017-current)

Al-Tarrach, D

- Committee Member of Kuwait National Dietary Guidelines Committee – completion of first version
- Member, Association for Nutrition, UK
- Member, British Dietetic Association, UK

Journal editor and reviewing services

Al-Sharbaty, M

- Associate Editor: Medical Principles and Practice (Kuwait; 2018-current)
- Reviewer, Sultan Qaboos University Medical Journal (SQUMJ; 2006-current)
- Reviewer, Oman Medical journal (2012-current)
- Reviewer, Saudi Medical Journal (2000-current)
- Reviewer, Journal of the Gulf Arabian Peninsula Sciences (2016-current)

Tolma, E

- Editorial member of the Malaysian Journal of Public Health Medicine (2017-current)
- Associate Editor, Health Behavior and Policy Review (2013-current)
- Member of the Editorial Board, Athens Journal of Health (2014-current)
- Reviewer, American Journal of Health Promotion (2006-current)
- Reviewer, American Journal of Health Behavior (2008-current)
- Reviewer, Value in Health Regional Issues (2020)

Al-Tarrach, D

- Double blind review of manuscript for Kuwait Program Papers under KFAS and London School of Economics and Political Science ‘Determinants of diabetes in Kuwait: evidence from the World Health Survey’

7 Special Community Service – COVID-19 Response Activities

Since early March, 2020, when the COVID-19 pandemic spread to Kuwait, and the country was locked down, the FOPH engaged vigorously in a range of activities responding to the local effects of the pandemic in Kuwait, providing consultations at various institutions, giving lectures and media interviews, developing research proposals in response to the Call for Proposals issued by KFAS, and preparing manuscripts regarding COVID-19 for publication.

In early March, the Ministry of Health (MOH) requested consultations from faculty members at the FOPH, both at the level of the Office of the Minister and the Department of Public Health. These consultants worked non-stop to provide advice and produce reports, proposals, and content that the MOH can use in their management decisions surrounding the COVID-19 outbreak in Kuwait.

In addition, the faculty proposed eight research projects regarding various aspects of the effects of the COVID-19 pandemic in Kuwait, both funded and unfunded, all of which are ongoing as of July, 2020, when this Annual Report is being published.

The tables below present an accounting of the range of COVID-19 related activities in which the FOPH has been engaged to date.

Institution and Description of COVID-19 Related Activities and Projects	Status
FOPH Contributions to the Ministry of Health	
<ul style="list-style-type: none"> • Consultancy to the office of the Minister of Health & International Relations Office <ul style="list-style-type: none"> ○ Development and Implementation of a Prototype Early Warning System for Near-Real-Time Surveillance for COVID-19 Epidemic in Kuwait. ○ COVID-19 Data analyses and reporting for the office of the Minister of Health • Consultancies to the MOH Department of Public Health <ul style="list-style-type: none"> ○ Development and implementation of the Public Health Advisory Group Action Plan ○ Development of a healthcare provider exposure risk stratification algorithm ○ Assessment of the effect of length of stay in ICU or on ventilator on the needed number of ICU beds or ventilators during a COVID-19 outbreak surge. ○ Development of a proposal for rotational sequestration of healthcare personnel. ○ Analysis of several COVID-19 datasets with production of a range of updated reports ○ Assistance with the development of a comprehensive database for tracking quarantined persons, contacts of cases, and COVID-19 cases. ○ Development and continual updating of a COVID-19 Guidance Resource file (FOPH students assisting) ○ Onsite data cleaning of case datasets (four MPH students assisting) ○ Assistance with preparing the Kuwait MOH COVID-19 Exit Strategy ○ Preparation of “Easing the COVID-19 Lockdown in Kuwait: Principles and Framework for a National Exit Strategy” 	<ul style="list-style-type: none"> ○ Continues ○ Continues ○ Continues ○ Completed ○ Completed ○ Completed ○ Continues ○ Completed ○ Completed ○ Completed ○ Completed ○ Completed/ Submitted: HSC VP

Institution and Description of COVID-19 Related Activities and Projects	Status
Kuwait Foundation for the Advancement of Sciences	
<ul style="list-style-type: none"> • Team member in the emergency resilience program in response to the COVID-19 pandemic • Team member in the COVID-19 projections and decision-making team • Moderating the series of lectures on COVID-19 projection models 	<ul style="list-style-type: none"> ○ Continues ○ Continues ○ Continues
FOPH Contributions to the Health Sciences Center	
<ul style="list-style-type: none"> • Two FOPH members in the HSC Committee for COVID-19 	○ Completed
<ul style="list-style-type: none"> • Four FOPH members in the HSC COVID-19 Data and Research Subcommittee 	○ Completed
<ul style="list-style-type: none"> • Leading FOPH student groups to develop health education materials on COVID-19 based on scientific evidence (targeting adults and children) 	○ Continues
<ul style="list-style-type: none"> • Development of mental health guidance for healthcare workers employed in the front lines of COVID-19 patient care (with participation of FOPH students). 	○ Completed
<ul style="list-style-type: none"> • Development of mental health guidance for the general population during the COVID-19 pandemic (with participation of FOPH students) 	○ Completed
<ul style="list-style-type: none"> • Development of a daily COVID-19 public health related question series submitted to FOPH students, with discussion and answers the next day. 	○ Continues
Lectures about COVID-19	
<ul style="list-style-type: none"> • Online lecture regarding COVID-19 epidemiology, given to HSC medical, dental, and Public Health students 	○ Completed
<ul style="list-style-type: none"> • Six online lectures regarding prevention of transmission and other aspects of COVID-19, and personal protection at the workplace, given to OSHA Africa 	○ Completed
<ul style="list-style-type: none"> • Lecture on “How long will the COVID-19 pandemic last? Seven big unknowns” posted online 	○ Completed
<ul style="list-style-type: none"> • Lecture series on COVID-19 started for FOPH students 	○ Continues

COVID-19 Research Project Proposals and Manuscripts	Status
Research proposals	
<ul style="list-style-type: none"> • Prevalence of SARS-CoV2 among migrant workers in Kuwait (P.I., Dr. Walid Alali) 	○ Submitted to KFAS
<ul style="list-style-type: none"> • Seroprevalence of specific antibodies against severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) among healthcare workers and the general population in Kuwait (Co-Investigator, Dr. Walid Alali) 	○ Submitted to KFAS
<ul style="list-style-type: none"> • Behavioural insights during the COVID-19 outbreak in Kuwait (P.I., Dr. Eiman Al-Awadhi) 	○ Approved (unfunded)
<ul style="list-style-type: none"> • Impact of COVID-19 on dietary behavior in Kuwait (P.I., Dr. Hala Al-Essa) 	○ Approved (unfunded)
<ul style="list-style-type: none"> • Strengthening Capacity for Protection of Occupational Health of Health Workers during the COVID-19 Pandemic and Beyond (P.I., Dr. Janvier Gasana) 	○ Funded by KFAS
<ul style="list-style-type: none"> • Sources of information and awareness and mental health status regarding COVID-19 among people in Kuwait (P.I., Dr. Esra Al-Khasawneh; Co-P.I., Dr. Eiman Al-Awadhi) 	○ Approved (unfunded)
<ul style="list-style-type: none"> • Healthcare Cost Analysis and Economic Burden of Covid-19 in Kuwait (P.I., Dr. Amrizal Nur) 	○ Funded by KFAS

COVID-19 Research Project Proposals and Manuscripts	Status
Research proposals	
<ul style="list-style-type: none"> Assessment of the National Pandemic Influenza Preparedness Plan for Kuwait (P.I., Dr. Mustafa Al-Zoghoul) 	○ Submitted to KFAS
<ul style="list-style-type: none"> A Markov Chain (CTMC) Multi-State, Continuous Time Model to Estimate Effects of Social Distancing and Environmental Transmission for the COVID-19 Pandemic in Kuwait (P.I., Dr. Mustafa Al-Zoghoul) 	○ Funded by KFAS
<ul style="list-style-type: none"> Dealing with COVID-19 pandemic in Kuwait : Sharing stories, experiences and tips for survival (PI Dr. Eleni Tolma, Co-PI Dr. Marwan Al-Sharbaty) 	○ Unfunded
Manuscripts regarding COVID-19	
<ul style="list-style-type: none"> “Handling the Coronavirus (COVID-19) outbreak in Kuwait” 	○ In preparation
<ul style="list-style-type: none"> “Planning for intensive care unit utilization during the COVID-19 pandemic: Strong effect of length of stay on peak requirements and daily new patient capacity” 	○ Submitted
<ul style="list-style-type: none"> “Rotational Sequestration: A Proposed Plan for Healthcare Personnel Reinforcement during the COVID-19 Pandemic” 	○ Submitted
<ul style="list-style-type: none"> “Lifting the COVID-19 lockdown: A modular approach to manage reentry of the workforce” 	○ Submitted

FOPH Media Communications Regarding COVID-19					
No.	Date	Topic		Media	Notes
1.	Feb 20,2020	Press Release About Corona Virus	Dr. W Al-Ali & Dr. M Alkhamis	Al-Jarida Newspaper	https://www.aljarida.com/articles/1582130685531577900/?previous=2020-02-20
2.	Feb 23,2020	Press Release About Corona Virus	Dr. W Al-Ali & Dr. M Alkhamis	AFAQ Newspaper	http://afaq.ku.edu.kw/contents/current/details.php?data_id=15968
3.	Feb 24,2020	General Advice to Prevent the Spread of Coronavirus	FOPH	IG & Twitter	
4.	Feb 26,2020	Suspension of Study Announcement	KU & FOPH	IG & Twitter	
5.	Feb 29,2020	MOH General Advice Video	KU & FOPH	IG & Twitter	
6.	Mar 2,2020	General Advice	KU & FOPH	IG & Twitter	
7.	Mar 3,2020	Aptitudes Test Announcement	KU & FOPH	IG & Twitter	
8.	Mar 11,2020	Extend Suspension of Study Announcement	KU & FOPH	IG & Twitter	
9.	Mar 12,2020	Postponing Aptitudes Test Registration	KU & FOPH	IG & Twitter	
10.	Mar 13,2020	TV Interview in Arabic	Dr. Walid Al-Ali	KTV 3	https://youtu.be/50ndc9JhL8I
11.	Mar 17,2020	TV Interview in Arabic	Dr.Mohammad Al-Khamis	KTV 1	https://youtu.be/Yb9ek_2IxGU
12.	Mar 18,2020	TV Interview in English	Dr. Walid Al-Ali	KTV 2	https://youtu.be/uA8lp_c9lhw
13.	Mar 20,2020	KU Academic Calendar	KU & FOPH	IG & Twitter	
14.	Mar 22,2020	Postponing Aptitudes Test	KU & FOPH	IG & Twitter	3 Posts
15.	Mar 22,2020	General Advice			
16.	Mar 26,2020	TV Interview in English	Dr.Mohammad Al-Khamis	KTV 2	https://youtu.be/d8WPzE6AXok

FOPH Media Communications Regarding COVID-19					
No.	Date	Topic		Media	Notes
17.	Mar 31,2020	KU forms a Committee	KU & FOPH	IG & Twitter	
18.	Apr 1,2020	8 Tips to Improve Mental Wellbeing During Covid19	FOPH	IG & Twitter	
19.	Apr 6,2020	General Advice Video	KU & FOPH	IG & Twitter	
20.	Apr 6,2020	TV Interview in Arabic	Dr.Mohammad Al-Khamis	KTV 1	https://youtu.be/79AcAAbtFa8
21.	Apr 7,2020	World Public Health Day & Dean Message	FOPH	IG & Twitter	
22.	Apr 10,2020	General Advice	KU & FOPH	IG & Twitter	
23.	Apr 11,2020	Tv Interview in Arabic	Dr.Mohammad Al-Khamis	KTV 1	https://youtu.be/02-ZbKwusls
24.	Apr 12,2020	Dr. Alkhamis Advise	KU & FOPH	IG & Twitter	Video
25.	Apr 14,2020	Prof. Al-Huniyan:Early Alerts System	KU & FOPH	IG & Twitter	

Continued on next page

26.	Apr 16,2020	Prof. Al-Huniyan: 5 FOPH Members in MOH Team	KU & FOPH	IG & Twitter	
27.	Apr 18,2020	Advice For Travelers	KU & FOPH	IG & Twitter	Video
28.	Apr 19,2020	FOPH Supporting MOH	KU & FOPH	IG & Twitter	Press Release
29.	Apr 20,2020	What is Epidemiological Investigation?	Al-Majlis TV	Interview	https://youtu.be/5-IMlwguug
30.	Apr 21,2020	KU Council Decrees	KU & FOPH	IG & Twitter	Repost
31.	Apr 27,2020	Covid19 Updates	Dr.Mohammad Al-Khamis	KTV	https://www.youtube.com/watch?v=gWIJd4QeX30
32.	Apr 29, 2020	Mini-lecture: How long will the COVID-19 pandemic last? Seven big unknowns	Dr. Joseph Longenecker	IG, Twitter, Youtube	https://www.youtube.com/watch?v=Q1OyBF3xCOE

IG, Instagram: foph_ku – kw.university

Twitter: foph_ku – k_univeristy

PART B5: Report of Student Activities

1 Student Activities

1.1 Student-initiated Activities

As a new faculty, the FOPH received its third batch of students in September, 2019. The Student Affairs department and the Public Relations department have been working with the students to apply for the establishment of a Public Health Student Association. This academic year, the total BSc student body increased to 76 students, exceeding the minimum student body size of 50 to establish a student association. The application has been delayed owing to the COVID-19 lockdown, but will be re-initiated as soon as the faculty re-opens in August, 2020.

The students initiated, planned and conducted a “Public Health Day” for the Health Sciences Center on Wednesday, Dec 2, 2019. Public Health Day is an annual exhibition conducted by the students of the Faculty of Public Health, It was designed to educate students and doctors alike on public health, its goals and aims.

The following description was transcribed by the FOPH students:

In his address on the occasion of Public Health Day, Prof. Dr. Harri Vainio, Dean of the Faculty, indicated that the exhibition is an application of some of what students have learned during their studies, especially in the aspect related to communicating with the society, and how to organize health media campaigns. He expressed his pride in the efforts of the Faculty’s students and thanked all the students and faculty members who contributed to the event.

The exhibition included scientific posters for Faculty’s students that discussed several topics. Topics presented by the Year 2 students included the safety of children in traffic accidents, the damaging environmental effects of bottles and plastic bags, the importance of recycling, mental health in Kuwait, climate change and global warming and other topics related to the field of public health in Kuwait. They also presented the methods and explanations on the concept of public health in the past, present and future.

The Year 1 students, in groups of five, presented the following topics: the first group explained the issue of food waste: what it is, its causes, how it originates and how they can reduce it. The second group spoke about the effects of sugary beverages on people’s health in the short and long term, and provided solutions for the problem. The third group presented the matter of children in traffic and what priority actions must be taken to ensure children’s safety and well-being in traffic. The fourth group discussed the concern of a sedentary lifestyle, its impact on the public’s health and methods of alleviating this issue. The fifth group talked about mental health, its influence on people’s state of health and how to de-stigmatize it in the society. The last group tackled the issue of climate change, its causes and the global measures that must be taken to resolve this worrisome issue.

Public Health Day was an engaging, educational experience for the students to get into present and hold instructive discussions with many people such as doctors, professors, faculty staff and fellow health science center students, students gained valuable skills and knowledge, and most importantly they gained experience in working in the field of Public Health.

This exhibition was held in its first edition on December 16th, 2018, under the slogan "Prevention is better than cure", which aims to spread awareness of the concept of prevention, which is the essence and core of the health care system, to meet the spread of diseases and injuries to societies in general and the local community in particular, especially chronic diseases that are not Infectious diseases such as heart disease, diabetes and cancer, which have become a high risk to the health of individuals and societies. It served as introductory exhibition where students explained public health through a game. It explained public health through an example of choosing between healthy and unhealthy choices and how small options can drastically affect your health in the long term.

The FOPH students are all encouraged to find summer internship programs. During the summer of 2019, one of the rising FOPH Y3 BSc students, Dana Mishari Alenezi applied for and was accepted into an internship program at the Dasman Diabetes Instituted.

In the summer of 2019, Dr. Dana Al-Tarrah encouraged her to apply for internships in several organizations to strengthen her understanding of the workplace. Therefore, she chose to apply to the Dasman Diabetes Institute (DDI) because she believes that their mission is essential and relevant to her future objectives. Consequently, she applied and was accepted as an intern in the Geohealth Laboratory under the supervision of Dr. Saad Alsharrah from 17/6/2019 to 08/08/2019.

The Geohealth Lab is a new DDI department that focuses on researching health geography, spatial epidemiology, and geographic information systems. Her internship period was divided into two parts; the first concerned learning the basic concepts of the geohealth lab and then applying it in an application called ArcMap. ArcMap is a fascinating application which can display and explore specific data sets and create map layouts of the distribution of diseases.

After learning the program, the second half of the internship was engrossed in a project called the Walking Path, which was done in order to count down the number of pathways that are in Kuwait as a way to raise awareness of them, as well as to make further adjustments. However, the process itself was for her a quite challenge, as data needs to be collected from a variety of applications, such as google maps and google earth. In addition, she made telephone calls to a number of stakeholders and influential people to gather additional information if the paths were not apparent. As a result, the data were then put in ArcMap to track and create a map to include all walkways. The internship was finally concluded with a presentation of the entire process as well as a certificate as a reward for the efforts that have been put into this project that student Dana will certainly never forget, as it was an experience unlike any others that taught her many valuable things that she can use in the future.

1.2 Meetings with students

The Vice-Dean, Academic, met with the Year 1 students seven times during the course of the first semester, to provide a forum for the students to express concerns and ideas. In addition, the Student Affairs office personnel have an "open door" policy for students to seek assistance for any range of academic matters.

1.3 Field visits and trips for students

Year 1 Practicum: Discovering Communities

In the Year 1 course “Practicum: Discovering Communities,” the students take six field trips to a wide range of community sites, in groups of approximately 9-10 students in each group. The next week, all the groups prepare a presentation to give to the entire class to illustrate what they learned about each community site.

Trip #1

- G1 – Dept. of Health Development
- G2 – Dept. of Public Health (Dr.Eiman Al-Awadhi)
- G3 – Dept. of Occupational health (Prof. Marwan Al-Sharbati)
- G4 – Dept. of Preventive Medicine
- G5 – Dept. of Old Age (Nour Ben Haider)

Trip #2

- G1- Dasman Diabetes Center (Nour Ben Haider)
- G2- Public Authority of Nutrition and Food (PAFN)
- G3- Dept. of Nutrition/MOH (Dr.Eiman Al-Awadhi)
- G4- Public Authority for Sport (Prof. Marwan Al-Sharbati)
- G5- MOH - Dept. of NCDs

Trip #3

- G1-5: Al-Yarmook City/Primary Health Care Center/Mayor/walking area (Prof. Marwan Al-Sharbati, Dr.Eiman Al-Awadhi, Nour Ben Haider)

Trip #4

- G1 - MOI: Traffic Police (Dr.Eiman Al-Awadhi)
- G2 – Water Treatment Plant
- G3 –Sewage disposal plant
- G4- Environmental Public Authority (Nour Ben Haider)
- G5- Civil Defense Authority (Prof. Marwan Al-Sharbati)

Trip #5

- G1: Dept. of School Health (MOH)/school visit (Dr.Eiman Al-Awadhi)
- G2: child protection association OR UNICEF (Nour Ben Haider)
- G3: Unit of child protection (MOH)
- G4- United Nations Development Program (UNDP) OR W.H.O.

- G5- Kuwaiti Women Association (Prof. Marwan Al-Sharbati)

Trip #6

- G1: Autism Center (Nour Ben Haider)
- G2: Kuwait Center for Mental Health (Prof. Marwan Al-Sharbati)
- G3: Kuwait Red Crescent Society (Dr.Eiman Al-Awadhi)
- G4- Kuwait Society For The Handicapped
- G5- Fawzia Sultan Healthcare

Year 3 Practicum in Health Promotion

In year 3, the Practicum in Health Promotion is a semester-long attachment to a specific public-health-related institution or site. The five Year 3 students were each attached to the following 5 institutions, spending an entire working day every week at the site, and then reporting back in class each week about what they are learning:

- Dasman Diabetes Institute (Dr Hessa Al Kanderi)
- Public Authority of Food and Nutrition (Dr Nawal Al Hamad)
- Kuwait Scientific Institute of Research (Dr Ali Al Humoud)
- Ministry of Health - Food and Nutrition Department (Dr Nawal Al Qaoud)
- Ministry of Health - Yarmok Healthy City (Dr Huda Al Duwaisan)

1.4 Participation in career exhibitions and employment sector outreach

In the planning phase for the BSc program, the FOPH met with various employers, specifically the Kuwait Ministry of Health and the Kuwait Oil Company, to obtain their views on the BSc and MPH programs. Additionally, the FOPH BSc Curriculum Planning Committee included four members from the Ministry of Health when the curriculum was developed, which was ultimately approved by the MOH Department of Public Health Council. The MOH also did a needs assessment for graduates, finding that in the MOH alone, there was a need for over 400 graduates over the next 5 years.

In the next academic year, there is a need to connect potential employers with our first graduating class. Given the current lockdown situation with COVID-19, there will be challenges for this, but we may be able to arrange distance interactions with potential employers.

Additionally, there is a Year 4 practicum that requires another semester-long attachment at a Public Health site. This practicum will also face challenges raised by the COVID-19 restrictions.

PART B6: Report of Faculty Alumni Activities

Faculty Communication with Alumni

Since no students have graduated from the BSc or MPH programs, there are no alumni to contact. However, at the end of the academic year 2019-20, the first batch of MPH students will graduate, and at the end of the academic year 2020-21, the first batch of BSc students will graduate. At that time, an FOPH Alumni Association will be formed to coordinate alumni activities.

PART B7: Relations with Internal and External Institutes

Relations with Internal and External Institutes

Memoranda of Understanding

Dasman Diabetes Institute

FOPH has collaborated with the local institutions. With the some of them, such as the Dasman Diabetes Institute (DDI), there is a signed Memorandum of Understanding (MOU) between the faculties of the Health Sciences Center and the DDI. One of the senior scientists (assoc prof Walid Alali) was seconded to collaborate with the DDI over the period 2019-20.

Kuwait Environment Public Authority

The scientists at the Department of Environmental and Occupational Health have collaborated on issues related to air pollution and health with the Kuwait Institute of Scientific Research (KISR) and also with the Environment Public Authority (EPA). Kuwait University and EPA have signed a Memorandum of Understanding to protect the environment and to ensure sustainability for the future generations.

Ministry of Health

Ministry of Health and Kuwait University have a signed MOU to assist the University scientists to support the evidence-based policy making in Kuwait. The FOPH provides advice and assistance to the Ministry of Health in the field of public health. During the COVID-19 pandemic, several staff members have supported the control actions by the MOH, by providing expert opinions on various intervention possibilities.

Collaborations with International Foundations

Please see Part B4, Section #6 for details.

PART C: Quantitative Summary Tables

1 Summary Tables: Students

Table 1-1. Students Class Size Summary – 2019-20

Program	Number of students for the year 2019-20							
	Accepted for 2019-20	Registered in 9/2019	Enrolled in 9/2019	Withdrawn during 2019-20	Suspended during 2019-20	Warnings	Outstanding	Dean's List
BSc Program Y1	58	55	52	7	0	2	TBA	TBA
BSc Program Y2		20	20	1	0	0	TBA	TBA
BSc Program Y3		5	5	0	0	0	TBA	TBA
MPH Program Y1	14	13	13	1	2			
MPH Program Y2	14	13	13	3	1			

Table 1-2. Student Transfers and Exchanges – 2019-20

Student Type	Number of students in year 2019-20
Students transferred from other faculties	0
Exchange student in the Faculty	0

Table 1-3. Postponements, Suspensions and Withdrawals – 2019-20

Student Affairs' cases for the academic year	Number of cases reviewed on student affairs' committee in the year 2019-20	
	First semester	Second semester
Postponed admission	0	0
Compulsory Suspension	0	0
Optional Suspension	0	0
Optional Withdrawal	6	2

2 Summary Tables: Workforce

Table 2-1. Faculty Members, by Department – 2019-20

Scientific Department	Number of Faculty Members			
	Assistant Professor	Associate Professor	Full Professor	Visiting Professor
Environmental and Occupational Health	0	2	1	0
Epidemiology and Biostatistics	2	1	0	0
Health Policy and Management	2	0	1	0
Public Health Practice	2	1	0	0
Social and Behavioral Sciences	1	1	1	0
Total	7	5	3	0

Table 2-2. Faculty Scholars – 2019-20

Students	Number of students for the year 2019-20
Number of Active Scholars (as of September 2020)	6
Number who completed the program in 2019-20	1 (completed in August 2020)

Table 2-3. Support Staff – 2019-20

Support Staff	Number for Year 2019-20
Number of Language Teachers	0
Number of Academic Support Staff	5 (+1 on leave)
Number of Other Support Staff	0

3 Summary Tables: Faculty Facilities

Table 3-1. Faculty Facilities – 2019-20

Faculty Facilities	Number
Classrooms	HSC classrooms: 5 assigned for FOPH use
Specialized Labs	None
Computer Labs	HSC Computer Labs #1 to #5 (shared with other HSC faculties)

4 Summary Tables: Academic Activity

Table 4.1. Scientific Research – 2019-20

Scientific Department	Current Funded Research Projects	Current Unfunded Research Projects	Scientific Publishing		Achieved Scientific Researches	Authored Books Or Chapters	Patents
			Published Journal Articles	Accepted			
Environmental and Occ. Health	2	-	13	-	-	-	-
Epidemiology and Biostatistics	5	7	17	-	1	-	-
Health Policy and Management	6	4	37	-	9	2	-
Public Health Practice	1	2	1	-	-	1	-
Social and Behavioral Sciences	2	6	5	1	-	-	-
Total (among	16	19	73	1	10	3	-

Table 4.2. Academic Missions – 2019-20

Scientific Department	Faculty Members		Teaching Assistants		Language Teachers	
	research	develop	research	develop	research	develop
Environmental and Occ. Health						
Epidemiology and Biostatistics	-	-	-	-	-	-
Health Policy and Management	4	-	-	-	-	-
Public Health Practice	-	-	-	-	-	-
Social and Behavioral Sciences	1					

Table 4.3. BSc Students – 2019-20

Program*	Level 100 or less		Level 200		Level 300		Level 400	
	Students	Sections	Students	Sections	Students	Sections	Students	Sessions
BSc Program	47	1	20	1	5	1	0	0
Total	47	1	20	1	5	1	0	0

*The FOPH programs are faculty-wide in the HSC “year-long” academic system. Therefore, there are no department-specific programs.

Table 4.4. Visiting Advisors, Co-Authors, and External Examiners – 2019-20

Scientific Department	Advisors	Co-Authors	External Examiners
Environmental and Occ. Health	-	-	-
Epidemiology and Biostatistics	3	-	-
Health Policy and Management	4	-	-
Public Health Practice	-	-	-
Social and Behavioral Sciences	1	-	-
Faculty-wide	1	-	-

5 Summary Tables: Professional Activities

Table 5.1. Workshops – 2019-20

Workshop	Date of Convening	Number of Attendees
Workshop on the basic applied principles of epidemiology and biostatistics in relation to MPH capstone projects. Mohammad Al-Khamis and Walid Alali)	1-5/Sep/2019	15
Stress: causes, diagnosis and management". A workshop presented to the FOPH admin staff, HSC, Kuwait (Prof. Marwan Al-Sharbati)	3/Oct/2019	15
Pre-Congress Workshop on Patient Data Analysis using MY-DRG Casemix Data for Decision Making, Kuala Lumpur, Malaysia (Prof. Syed Aljunid)	15/Oct/2019	80
Academic Accreditation by the Council on Education in Public Health	10-13/Nov/2019	21
Workshop in Smart Planning for Successful Healthcare System, Kuwait (Prof. Syed Aljunid)	19-21/Nov/2019	60
The handicap: types, management and prevention". A lecture given to the Kuwait Mental Health Center staff, Kuwait (Prof. Marwan Al-Sharbati)	4/Dec/2019	50
DRG/Casemix Workshop in Armed Force Hospital, 15th February, 2020), Kuwait (Prof. Syed Aljunid/Dr. Amrizal M Nur)	15/Feb/2020	8
Online Workshop on The Key Principles of Health Care Quality Improvement, Kuwait (Prof Aljunid SM, Dr Amrizal M Nur, Dr Saleh Alsarhan and Mohammad Almaari	18/Nov/2020	53
Online Workshop on Clinical Coding of Diagnosis and Procedures in DRG/Casemix System, Kuwait (Prof Aljunid SM, Dr Amrizal M Nur and Dr Saleh Alsarhan)	2/Nov/2020	40
Online Workshop on How to Impute Cost of Patient Care? A practical approach in Cost Analysis in Health Care Services, Kuwait (Prof Aljunid SM, Dr Amrizal M Nur and Dr Saleh Alsarhan	9/Nov/2020	31
Online Workshop on Using Casemix For Strategic Management of Hospitals During Covid-19 Pandemic, Kuala Lumpur, Malaysia (Prof Aljunid SM and Dr Amrizal M Nur)	17/Nov/2020	45
Occupational Safety and Health (OSH) and COVID-19 Prevention (PI - Assc. Prof Janvier Gasana, Co-PIs - Prof Harri Vainio, Dr Mustafa Al-Zoughool, Dr Barrak Alahmad, Dr Dua Alkhaledi, Prof Mohamed Kamel, Dr Shubhendu Mudgal, and Dr Ivan Ivanov)	11/Oct –05/Dec, 2020	190

Table 5.2. Conferences and Symposia – 2019-20

Conference/Symposium Name	Event Date	Number of Attendees
Public Health Nutrition in Kuwait: Ultra-Processed Foods and Chronic Diseases	Planned for March/2020 but postponed to a later date	

Table 5.3. Leave and Secondments of Faculty Members – 2019-20

Scientific Department	Number of Faculty Members		
	Sabbatical Leave	Academic Leave	On Secondment
Environmental and Occ. Health	-	-	-
Epidemiology and Biostatistics	-	-	1
Health Policy and Management	-	-	-
Public Health Practice	-	-	1
Social and Behavioral Sciences	-	-	1