

FACULTY FULL NAME: Khaled Fikry El-Said Salama

Assistant Professor

Personal Data

Nationality | Egyptian

Date of Birth | 22/04/1966

Department | Environmental Health

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Office Phone No. | 3331227

Chairman, Environmental Health Research Department_IRMC_IAU

Language Proficiency

Language	Read	Write	Speak
Arabic	FluentV	FluentV	FluentV
English	FluentV	FluentV	FluentV
Others	-	-	-

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
1998	Doctor of Public Health (Occupational Health and Safety)	High Institute of Public Health (HIPH), Alexandria University	Egypt
1994	Master of Public Health (Occupational Health and Safety)	High Institute of Public Health (HIPH), Alexandria University	Egypt
1989	Bachelor of Science (Biochemistry)	Faculty of Science, Alexandria University	Egypt

PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	“The Effect of Occupational Exposure To Some Heavy Metals on DNA Breaks and Sister Chromatid Exchanges”
Master	“Study of Cytogenetic Changes Among Workers Occupationally Exposed to Mercury Vapors”
Fellowship	-

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Professor of Occupational Health and Safety	Occupational Health Department, High Institute of Public Health, Alexandria University, Egypt	2010-



Associate Professor of Occupational Health and Safety	Occupational Health Department, High Institute of Public Health, Alexandria University, Egypt	2003-2010
Lecturer of Occupational Health and Safety	Occupational Health Department, High Institute of Public Health, Alexandria University, Egypt	1998 - 2003
Assistant Lecturer of Occupational Health and Safety	Occupational Health Department, High Institute of Public Health, Alexandria University, Egypt	1994 - 1998
Demonstrator of Occupational Health and Safety	Occupational Health Department, High Institute of Public Health, Alexandria University, Egypt	1990- 1994

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Innovation and Research Coordinator	Environmental Health Department-CPH	2018-
Member of Executive committee	Continuing learning center -IAU	2019-
Security and Occupational Safety Committee	Institute for Research and Medical Consultations	2015-
Safety Section Head	Laboratory Medicine Department, King Fahd Hospital of University	2008-
CAMS General Training Coordinator	College of Applied Medical Sciences	2005-2014
Environmental Health Training Coordinator	College of Applied Medical Sciences	2004-2014
Chairman of occupational Health and Safety Committee	College of Applied Medical Sciences	2004-2015

Scientific Achievements

USPTO Patent Achievement:

1. **Granted Patent- Salama, Khaled Fikry** "GREEN PLANTS TREATED WITH TiO₂ TO REMOVE CONTAMINANTS IN AIR" - United States Pat. No. US 10,244,764 B2 Apr. 2, 2019-USPTO
2. **Granted Patent _Salama, Khaled and Al Jindan, Reem Y.** - "Method of making an antimicrobial textile" United States Pat. No. US 11,072,884 B2 Jul. 27, 2021-USPTO
3. **Granted Patent _Salama, Khaled Fikry** "Titanium Oxide-Comprising Fibrous Filter Material- United States Pat. No. US 11,213,777 Jan. 4, 2022-USPTO
4. **Granted Patent _Salama, Khaled and Al Thumari, Arwa Abdulrahman** :SILVER AND TITANIA-LOADED POLYETHYLENE MEDICAL DEVICE FILM " United States Patent. No. US 11,850,312 B2 Dec.26,2023.
5. **Granted Patent _Salama, Khaled and Al Jindan, Reem Y.** :TREATMENT METHOD FOR COTTON TEXTILE-United States Pat. No. US 11,306,430 B2 Apr. 19, 2022-USPTO
6. **Granted Patent_ Salama, Khaled Fikry** CYCLONIC VEHICULAR TRAFFIC POLLUTION CONTROL SYSTEM-United States, Pat. No. US 11,571,644 B2 Feb. 7 ,2023-USPTO



7. **Granted Patent_ Salama, Khaled and Al Jindan, Reem Y.** :Method for Making Antimicrobial Article - United States Pat. No. US 11,746,462 B2 Sep. 5, 2023USPTO
8. **Granted_ Patent_Salama, Khaled and Al Jindan, Reem Y.** : Antimicrobial Fabric manufacturing method, United States Patent Application - No. US 11,834,775 B2 Dec. 5 , 2023.
9. **Published Patent_ Salama, Khaled and ALOdaini Amal:** Methods of Fixating A Tissue Sample - United States Pat. No. US 2024/0026335 A1 Jan. 25,2024 USPTO.
10. **Published Patent__ Salama, Khaled and Al Thumari, Arwa Abdulrahman:** Method For Reducing Transmission Of Diseases " United States Patent. Publications No. US 2023/0414842 A1 Dec. 28,2023
11. **Published Patent _ Salama, Khaled and Al Thumari, Arwa Abdulrahman :**Method For Making Nanocomposite Film " United States Patent. Publications No. US 2023/0414842 A1 Dec. 28,2023
12. **Published _ Patent Salama, Khaled and Al Jindan, Reem Y.** Method For Making Antimicrobial Cotton Textile, US 2024/044070 A1 Feb. 8, 2024
13. **Published Patent _Salama, Khaled and Al Jindan, Reem.** Spinning and Weaving Method for Making Antimicrobial Cotton .United States Patent. Publications - No. US 2024/0401264 A1 Dec. 5 , 2024.
14. **Salama, Khaled Fikry , Hana Mohamed Alharthi and Noor Maher Felemban: Compliance Monitoring System Official Filing Receipt** from the U.S. Patent and Trademark Office (USPTO), indicating application number **18/889,087** and a filing date of **September 18, 2024**

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

Name of Investigator(s)	Research Title	Publisher and Date of Publication
AlQahtani AI, Salama KF, Alwadei MM, Aljassim MT, Alsaif AS, Al-Warthan M and AlMulla AA	Air quality levels in the industrial city of Jubail, Saudi Arabia. <i>Front. Environ. Eng.</i> 3:1483568. doi: 10.3389/fenv.2024.1483568	<i>Front. Environ. Eng.</i> 3:1483568. doi: 10.3389/fenv.2024.1483568 (2024)
Sultan Akhtar, Khaled F. Salama,	Characterization and analysis of trace elements of facial beauty powders collected from Saudi markets,	Journal of King Saud University - Science, Volume 36, Issue 6, 2024,103208,ISSN 1018-3647, https://doi.org/10.1016/j.jksus.2024.103208 . (https://www.sciencedirect.com/science/article/pii/S1018364724001204)
Khaled F Salama Reem AlJindan, Ahmed Alfadhel Sultan Akhtar, and Ebtessam A Al-Suhaimi	Enhanced antimicrobial performance of textiles coated with TiO2 nanoparticles	Journal of Industrial Textiles. 2024;54. doi:10.1177/15280837241233743
Afnan Aljaffary Tahani Al Elaiwi Noot	Determining the nurses' perception regarding the effectiveness of COVID-	Front. Public Health, 05 January 2024 Sec. Occupational Health and Safety



AlOtaibi Fatimah AlAnsari Arwa Alumran Khaled F. Salama	19 protocols implemented in Eastern Province: Saudi Arabia	Volume 11 - 2023 https://doi.org/10.3389/fpubh.2023.1291261
Khaled F Salama*, Amani Alnimr , Aisha AlAmri , Mahmoud Radi , Bashayer Alshehri , Ali A. Rabaan*, Mohammed Alshahrani	Nano-Treatment of HEPA filters in COVID-19 Isolation Rooms in an Academic Medical Center in Saudi Arabia	Journal of Infection and Public Health Volume 15, Issue 9, September 2022, Pages 937-941
Salama KF, Zafar M	Purification of ambient air by novel green plant with titanium dioxide nanoparticles	Int J Prev Med 2022;13:67
Norah AlMousa, Nadin Althabet, Sarah Alsultan, Faisal AlBagmi, Heba Alnujaidi and Khaled Fikry Salama	Occupational Safety Climate and Hazards in the Industrial Sector: Gender Differences Perspective, Saudi Arabia	Front. Public Health Front. Public Health, 26 May 2022
Saad Dahlawi, Mahmoud Berekaa , Khaled Salama , Ossama Labib , Saifullah , Waqas Asghar , Nauman Khalid	Profiling of Essential Mineral Content, Heavy Metals, and Bacterial Contaminants in Conventional and Organic Eggs Available in the Hypermarkets of the Eastern Province of Saudi Arabia	Recent Pat Food Nutr Agric . 2021;12(2):134-142.
Amani Alnimr Aisha Alamri Khaled F Salama Mahmoud Radi Huda Bukharie Bashayer AlshehriAli A Rabaan Mohammed Alshahrani	The Environmental Deposition of Severe Acute Respiratory Syndrome Coronavirus 2 in Nosocomial Settings: Role of the Aerosolized Hydrogen Peroxide	Risk Management and Healthcare Policy 2021:14 4469–4475
Mohammed M AlMaani andKhaled F Salama	Assessment of Attitude of Primary Care Medical Staff Toward Patient Safety Culture in Primary Health-care Centers—Al-Ahsa, Saudi Arabia	Journal of Multidisciplinary Healthcare 2021 Volume 2021:14 Pages 2731—2740
Mashaal Khalid Alzayani, Khaled F Salama and Mubashir Zafar	Work-related Musculoskeletal Disorders Among Dental Staff in Armed Force Hospital in Dhahran, Saudi Arabia	International Journal of Preventive Medicine2021;12:119
Saad Dahlawi Abdulaziz Abdulrahman AlMulla SaifullahKhaled SalamaOsama Ahmed	Assessment of different heavy metals in cigarette filler and ash from multiple brands retailed in Saudi Arabia	Journal of King Saud University - Science Volume 33, Issue 6, September 2021, 101521



Labib Mohammed Tawfiq Aljassim Aqsa Akhr Waqas AsgharTurkiKh. FarajNauman Khalid		
Khaled F Salama, Eltigani O. M. Omar, Mubashir Zafar	Assessment of BTX concentration around fuel station in Eastern Province Kingdom of Saudi Arabia	Indian J Occup Environ Med 2020;24:163-7
Afaf Mustafa Al Shanqiti Hassan Ahmed Abugad2 and Khaled Fikry Salama	Assessment of Ambient Noise Exposure among Medical Staff in Dental Clinics Center of Dammam Medical Complex, Saudi Arabia	Journal of Ecophysiology and Occupational Health, Vol 20(3&4), 1–8, July–December 2020
Nofal Falah Alshammary, Khaled F. Salama and Mubashir Zafar	Heat Stress among Steel Workers in Al Jubail, Saudi Arabia	Journal of Ecophysiology and Occupational Health, Vol 20(1&2), 1–7, January–June 2020
Khaled F. Salama, Mubashir Zafar, Dulaim Abdullah Alrabea, Abdullah Ali Alqahtani,Suhaib Abdulaziz Almarghoub and Ali Abdullah Alshehri	Air Pollution from Traffic at Major Causeway Al-Khobar, Saudi Arabia	Journal of Ecophysiology and Occupational Health, Vol 20(1&2), 1–5, January–June 2020
Safa A Alduais Khaled F Salama	Assessment Of Ambient-Noise Exposure Among Female Nurses In Surgical Cardiac Intensive Care Unit	Journal of Multidisciplinary Healthcare 2019:12 1007–1011
Khaled F. Salama, Muhammad Atif Randhawa, Abdulaziz Abdulrahman Al Mulla & Osama Ahmed Labib	Heavy metals in some date palm fruit cultivars in Saudi Arabia and their health risk assessment	INTERNATIONAL JOURNAL OF FOOD PROPERTIES 2019, VOL. 22, NO. 1, 1684–1692
Abdulaziz J. Alshalani Khaled F. Salama	Assessment of Occupational Safety Practices Among Medical Laboratory Staff in Governmental Hospitals in Riyadh, Saudi Arabia	Journal of Safety Studies 2019, Vol. 5, No. 1
Khaled Fikry Salama	GREEN PLANTS TREATED WITH TiO ₂ TO REMOVE CONTAMINANTS IN AIR http://www.freepatentsonline.com/y2018/0279623.html	Free Patent Online United States Patent Application 20180279623
Faraz Ahmad1*, Mohammad Salahuddin, Khaldoon Alsamman, Abdulaziz A. AlMulla, Khaled F. Salama	Developmental lead (Pb)-induced deficits in hippocampal protein translation at the synapses are ameliorated by ascorbate supplementation	Neuropsychiatric Disease and Treatment 2018:14 3289–3298
Abdulaziz M. Sebiany, Ahmed S. Hafez,	Association between air pollutants and anthropometric measurements of	J Fam Community Med 2018;25:155-62.



Khalid F. A. Salama, Amr A. Sabra	boys in primary schools in Dammam, Eastern Saudi Arabia.	
Salama KF, Bashawri LA	Biochemical and hematological changes among Saudi firefighters in the eastern province.	Int J Env Health Eng. 2017;6:2.
Salama KF, Alhajri RF, AlAnazi AA.	Assessment of air quality in bus terminal stations in Eastern Province, Kingdom of Saudi Arabia	Int J Community Med Public Health.2017;4:1413-8
Mahmoud Berekaa , Khaled Salama and Khaled Alkharsah	Antibiotics Sensitivity and Heavy Metals Resistance in PHB-Producing Bacilli Isolated from Eastern Province, Saudi Arabia	INTERNATIONAL JOURNAL OF AGRICULTURE & BIOLOGY .Vol. 18, No. 6, 2016
Salama KF, AlObireed A, AlBagawi M, AlSufayan Y, AlSerheed M	Assessment of occupational radiation exposure among medical staff in health-care facilities in the Eastern Province, Kingdom of Saudi Arabia.	Indian J Occup Environ Med 2016;20:21-5.
Salama KF, Obireed AA, Qarni AA, Bagawi MA, Namsha KA.	Study of air quality and noise levels in King Fahad International airport in Dammam, Saudi Arabia.	Int J Community Med Public Health 2016;3:912-8.
Salama, Khaled Fikry, Yasser Atef Alrashed, Feras Abdulrhman Alghamdi, and Rashed Hmoud Alrashed	Assessment of the air quality levels in the King Abdul Aziz Port in Dammam	Int J Med Sci Public Health, 2016,5 (2), 282-286
Salama, Khaled Fikry, and Mahmoud Mohammed Berekaa	Assessment of air quality in Dammam slaughter houses, Saudi Arabia.	Int J Med Sci Public Health 2016;5:287-291
Mahmoud Mohammed Berekaaand, Khaled Fikry Salama	Comprehensive Assessment of Microbiological and Bioaerosol Contaminants in Dammam Slaughterhouse, Saudi Arabia	Journal of Pure and Applied Microbiology November, special ed. 2015 (9):69-76
Layla Abdull Mohsen Bashawri and Khaled Fikry Salama	Biochemical changes among Saudi managers and employees of Dammam University exposed to work stress	Int J Med Sci Public Health. 2015; 4(9): 1176-1181.
Layla Abdull Mohsen Bashawri and Khaled Fikry Salama	Study of effect of traffic air pollutants on blood coagulation parameters among Saudi traffic policemen in Eastern Province	Int J Med Sci Public Health 2016;5:477-483
Khaled F. El-Said and hossam. Ghoneim	Biomonitoring of Genotoxicity and Antioxidant Enzymatic Changes in Workers Occupationally Exposed to Asphalt Fumes	Bulletin of High Institute of public Health. 2011.41 (1): 1-13.
Khaled F. El-Said and Amr El-Noueam	Biological Monitoring of Fuel Stations Workers Occupationally Exposed to Petroleum Products	Bulletin of High Institute of Public Health;2010, Vol. 40 No. 3 :586-595



Khaled F. El-Said and Ragaa El- Gazzar	Biochemical changes Among Medical Laboratories staff Occupationally Exposed To Formaldehyde Vapors.	Bulletin of High Institute of public Health. 2010. 40 (2): 322-332
Khaled F. El-Said	Evaluation of Occupational Combined Exposure To Organic Solvent and Noise in Printing Industry	Bulletin of High Institute of public Health. . 2009. 39(1): 71-79.
Khaled F.El-Said, Ragaa M.El-Gazzar, Hanan A.Mansour and Hany K. Abo El-Gheit.	Biochemical Changes Among Workers Occupationally Exposed To Vibration.	Journal of the Egyptian Public Health Association.2009. 84 (3-4):285-298.
Hatem O.Qutub and Khaled F.El-Said	Assessment of Ambient Noise Levels in the Intensive Care Unit Of A University Hospital.	J Fam. Community Med.2009; 16(2): 53-57.
Khaled F. El-Said	Chemical and Physical Hazards in Different Small Workshops activities.	Bulletin of High Institute of public Health. 2008.38 (3): 614-625.
Khaled F. El-Said	Safety Practices and Occupational Exposure to Chemical and Physical Hazards in Pesticides and Fertilizers Packing Industry	Bulletin of High Institute of public Health. 2008.38(3): 626-636.
Khaled F.El-Said ,Amina M.El-Ghamry,Nehad H. Mahdy and Nagwa A.El-Bestawy	Chronic Occupational Exposure to Lead and Its Impact on Oral Health	The Journal of the Egyptian Public Health Association 2008; 83 (5, 6): 541 - 466.
Khaled F. El-Said	Assessment of Chemical, Physical and Safety Hazards in Paper Industry in Dammam.	Bull. HIPH 2003; 37(4): 920-931.
Khaled F. El-Said, Hanan A. Abdel-Hamid, and Mahmoud El-Sharkawy	Biochemical charges and environmental conditions among workers in bakeries	The Journal of the Egyptian Public Health Association 2003; 78 (1-2), 95-111
Khaled F. El-Said and magda M.Sultan	Biomonitoring of genotoxic hazards and haematological changes among workers in rubber industry	Journal of the Egyptian Public Health Association. (2003) ;78 (1-2), 113-125
Fadia A. El-Marakbi, Mostafa M. Mostafa, Adel M. Zakaria, Khaled F. El-Said and Taher A. Mansour	Impact of Different Occupational Exposures on Health Status of Greenhouse Workers	Bulletin of High Institute of Public Health. (2002);32 (2): 313-330
Magdy Y. S20hamy, Hazem H. Osman, Kamal M. Kandeel, Nehad M. Abdel-Moneim, Khaled F. El-Said	DNA Single Strand Breaks Induced by Low Levels of Occupational Exposure to Styrene: The gap between standard and reality	Journal of Environmental Pathology, Toxicology, and Oncology, 21(1): 57-61 (2002).



Ragaa El-Gazzar, Hanan A. Abdel- Hamid, Khaled F. El- Said.	Haematological and Biochemical Changes Among Workers in Polishing Industry	Bulletin of High Institute of Public Health. (2002); 32(2): 297-304.
Hanan A. Abdel Hamid, Khaled F. El- Said, Amal S.M. Soliman	Study of Some Biological Markers of Stress in Nail Industry	J Egypt Public Health Assoc. 2000;75(3-4):245- 56.
Hanan A. Abdel Hamid, Khaled F. El- Said, Iman A. Sharaf	Respiratory enzymatic changes among workers in glue industries	J Egypt Public Health Assoc. 2000;75(5-6):461- 76.
Khaled F. El-Said, Ragaa M. El-Gazzar, Hanan A. Abdel Hamid	Biological Monitoring of Genotoxic Hazards in Electroplating Industry	Bulletin of High Institute of public Health. (1999); 29(4): 803-812
A Zaki, M. El-Shazly, M. Abdel-Fattah, K. El Said and F	Lead toxicity among working children and adolescent in Alexandria, Egypt	Eastern Mediterranean health journal. (1998); 4 (3), 520-529.
Ragaa M. El Gazzar, Hanan A. Abdel Hamid, Khaled F. El- Said	Biological monitoring of occupational exposure to benzene and toluene	The Journal of the Egyptian Public Health Association. (1996); 72 (5-6), 495-506
Magdy Y. Shamy Hanan A. Abdel Hamid, Khaled F. El- Said	Assessment of antisperm antibody in sera of mercury and lead exposed workers	The Journal of the Egyptian Public Health Association. (1998); 73 (1-2), 11-29
Magdy Shamy, Ragaa M. El-Gazzar, Ahmed N. Abou Taleb, Nelwyn T. Christie, and Khaled F. El-Said.	Somatic cell mutation in workers occupationally exposed to mercury vapors	Journal of Environmental Pathology, Toxicology and Oncology, 14(354): 165-171, 1995

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
1	Khaled F. El-Said.and ossama Labib	Assessment of environmental management practices and safety measures in University of Dammam	1432/2011 UOD
2	Khaled F. El-Said,and Abdullazziz sebiany	Assessment of Industrial Safety and Workplace Hazards in Industrial Estate Of Dammam	1432-1434 KACST-GDRG



3	Khaled F. El-Said.and Lyla Bishawari	Biochemical and Hematological changes among Saudi Fire Fighters in Eastern Province	1432-1433 UOD
4	Khaled F. El-Said.and Lyla Bishawari	Biochemical Changes Among Saudi Managers and Employees of Dammam University Exposed To Work Stress	1433-1434 UOD
5	Khaled F. El-Said and Mahmoud Elshrkawy	Study of Environmental Problems of Small Industrial Workshops, Al-Khodaria in Dammam as a Case Study	2013 UOD
6	Khaled F. El-Said,Ahmed hafez and Abdullazziz Sebiany	Study of the association between male child growth parameters and health with air pollutants in Dammam city, KSA	1434-1435 KACST-GDRG
7	Khaled F. El-Said and Mahmoud Bereka	Assessment of indoor air quality levels and microbial contamination in slaughterhouses, eastern province, Saudi Arabia	1434-1435 UOD
8	Khaled F. El-Said and Mahmoud Bereka	Evaluation of local bio- plastic producing bacteria regarding microbial toxicity, antibiotics and heavy metals resistance profiling	1434-1435 UOD
9	Lyla Bishawari and Khaled F. El-Said.	Hematological Changes among Saudi traffic Policemen exposed to air pollution	1434-1435 UOD
10	Khaled F. El-Said	Innovative Concept For Using The Green Plants Treated With Titanium Dioxide Nanoparticles To Remove Contaminants In Air	IAU 2018
11	Khaled F. El-Said Reem AlGindan	Innovative making Antimicrobial Textile Treated of Titanium Dioxide (TiO2) Nanoparticles	IAU 2019
	Amani Alnimr and Khaled Salama	The environmental deposition of severe acute respiratory syndrome coronavirus 2 in hospital settings: implications for infection control during epidemics	IAU - 2020



Khaled Salama and Amani Alnimr	Novel Use of Nanocomposites treatment of High Efficiency Particulate Air filter in HVAC systems in hospital: COVID19 spreading control strategy	IAU - 2020
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Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	ARAMCO INDUSTRIAL HYGIENE CHALLENGES IN THE OIL & GAS INDUSTRY SYMPOSIUM AND EXHIBITION	May 3-4, 2010 Holiday Inn, Al-Khobar Kingdom of Saudi Arabia	Speaker
2	Critical Care Update	Nov. 2012 King Abdulaziz Hospital, National Guard Health Affairs AL Ahsa, Eastern Province, KSA	Speaker
3	Workplace Environmental Hazards ARAMCO.	May 6-7, 2013 Holiday Inn, Al-Khobar Kingdom of Saudi Arabia	Speaker
	International Conference of Saudi occupational Health and Safety	2021	Attendant
4	Safety in KSA Universities	King Fahd Petroleum and Minerals February 2014	Speaker
5	Petro Environment Conference Aramco May 2014	May 2014 Al Khobar	Speaker
6	Wildlife Conference	University of Dammam 2014	Speaker
7	Laboratory Medicine: The Gap between Laboratory and Clinicians	LMD KFHU UOD 2014	Attendant
8	The Third Scientific Forum for People Working in the Field of Safety in Universities	KAU, February 2015	Speaker
9	Stress at Workplace: A Collective Challenge	UOD April 2016	Attendant
10	Traffic Safety Conference Traffic Safety Management System	UOD May 2016	Attendant



11	1st Saudi Conference on the Environmental	Abha King Khaled University 2016	Speaker (poster Presentation)
12	Petro environment	AL Khobar 2016	Speaker
13	Laboratory medicine: current aspects and future prospect	Site I Al Khobar KFHU 2016	Speaker (poster Presentation)
14	6 th Safety & Fire Protection Conference	Sheraton Dammam Hotel	Attendant
15	بيئي 1 Beeay I	AL Khobar	Speakers
16	Petro environment	2016 ,2018	Speakers
17	ICOH Symposium	2018 IAU	Speakers
18	ICOH Conference	2019 IAU	Speakers
19	Security and Safety Culture	2019- IAU	Speakers
20	Hospital Quality Day	2021-KFHU	Speakers
21	Biodiversity Day -Sadara	2021-Jubail	Speakers
22	International Safety Day	2021-KFHU	Speakers
23	International medical Science conference	2021-Greece Athena	
24	Laboratory Safety	2021-URMC-IAU	
25	Patent Commercialization workshop-Antimicrobial Textile	2021-IAU	
26	Civil Defense International Day Conference	2022- IAU	Speakers
27	Safety and infection control	2022-IAU	Speakers
28	Infection Control	2022-IAU	Attendant
29	Fire safety	2022-IAU	Attendant
30	Laboratory day	2022-IAU	Attendant
31	Safety Culture in Healthcare Organizations Conference	2022- IAU	Speakers
32	Innovation & Startups Ministry of Education Conference	2022- IAU	Speakers AMT Project
33	Geneve Innovation Exhibitions 49	2024-Geneve	Innovation Exhibitor - Bronze medal Winner
36	Geneve Innovation Exhibitions 50	2025-Geneve	Innovation Exhibitor Gold medal Winner

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Teaching Activities

Undergraduate Environmental Health Department

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Occupational Health I	ENVH224	Coordinator(All of lectures &Tutorials)
2	Occupational Health II	ENVH325	Coordinator(All of lectures &Tutorials)
3	Industrial Hygiene	ENVH 424	Coordinator(All of lectures &Tutorials)
4	Biostatistics	ENVH 223	Coordinator(All of lectures &Tutorials)
5	Environmental Chemistry II	ENVH 311	Coordinator(All of lectures &Tutorials)
6	Hazardous waste	ENVH 412	Coordinator(All of lectures &Tutorials)
7	Data analysis using computer applications	ENVH415	Coordinator(All of lectures &Tutorials)
8	Environmental Management	ENVH411	Coordinator(All of lectures &Tutorials)
9	Graduation Project	ENVH 422	Coordinator(All of lectures &Tutorials)
10	Fundamental of occupational Health	ENVH 222	
11	Occupational health and safety management	ENVH 306	Coordinator(All of lectures &Tutorials)
12	Occupational Health and safety	PUBH 606	Coordinator(All of lectures &Tutorials)

Undergraduate Occupational Health and Safety Program 2021-2022

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Industrial Hygiene	OHS 222	Coordinator(All of lectures &Tutorials)
2	Accident Investigation and Loss	OHS 321	Coordinator(All of lectures &Tutorials)
3	Ergonomics	OHS 322	Coordinator(All of lectures &Tutorials)
4	Occupational Diseases	OHS 356	Coordinator(All of lectures &Tutorials)
5	Industrial Safety	OHS 413	Coordinator(All of lectures &Tutorials)
6			Coordinator(All of lectures &Tutorials)
7			Coordinator(All of lectures &Tutorials)
8			Coordinator(All of lectures &Tutorials)
9			Coordinator(All of lectures &Tutorials)
10			
11			Coordinator(All of lectures &Tutorials)
12			Coordinator(All of lectures &Tutorials)

Undergraduate -Public Health Department Occupational Health and Safety Course PUBH-310 Level 6 (M/F)



Postgraduate: Master of Public Health

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Principle of Occupational safety	MPUBH 641	Coordinator (All of lectures &Tutorials)
2	Principle of Occupational Hygiene	MPUBH 640	Coordinator(All of lectures &Tutorials)
3	Fundamental of Occupational Health	MPUBH 642	Coordinator(All of lectures &Tutorials)
4	Introduction to ergonomic	MPUBH 644	Coordinator(All of lectures &Tutorials)
5	Occupational epidemiology	MPUBH 645	Coordinator(All of lectures &Tutorials)
6	Field Work	MPUBH 643	Field Training

Postgraduate: Fellowship of occupational medicine Family and community medicine -College of medicine

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Principle of Occupational Hygiene and safety	FAMCO	Coordinator (All of lectures &Tutorials)
2	Biological effects of air pollution	FAMCO	Coordinator (All of lectures &Tutorials)
3	Radiation Safety	Physiology Department college of medicine	Coordinator (All of lectures &Tutorials)
4	Biostatistics	Physiotherapy Department	Coordinator (All of lectures &Tutorials)

Membership of Scientific and Professional Societies and Organizations

- Fellow of the Scientific Professional Syndicate, Egypt. (1989 – date)
- Member of the Egyptian Public Health Association Society.(2003-date)

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1	Master Thesis	Study of some biochemical parameters in workers occupationally exposed to vibration	High Institute Of Public Health	2002
2	Master Thesis	Statistical study of oral health condition among workers occupationally exposed to lead	High Institute Of Public Health	2003



3	Master Thesis	Study of occupational accidents in constructed industry in KSA	UOD	2010
4	Master Thesis	Subjective and objective Assessment of Indoor air quality (IAQ) in Office Building in Eastern Region of Saudi	UOD	2012
5	PhD(Doctor) Thesis	Assessment of Occupational Exposure to Gasoline Vapor at Petrol Stations	CRANFIELD UNIVERSITY UK UOD	2012
6	Master Thesis	Assessment Of Ambient-Noise Exposure Among Female Nurses In Surgical Cardiac Intensive Care Unit	IAU	2019
7	Master Thesis	Assessment of Occupational Safety Practices Among Medical Laboratory Staff in Governmental Hospitals in Riyadh, Saudi Arabia	IAU	2019
8	Master Thesis	Heat Stress among Steel Workers in Al Jubail, Saudi Arabia	IAU	2020
10	Master Thesis	Musculoskeletal Disorders among dental staff in Armed Force Hospital in Dhahran	IAU	2020
11	Master Thesis	Assessment of Attitude of primary care medical staff toward patient safety Culture in Primary Health Care Centers in Al-Hasa	IAU	2020
12	Master Thesis	Ambient air quality in the industrial city of Al Jubail, Saudi Arabia	IAU	2023
13	Master Thesis	Assessment of Ambient air quality in Jubail city, Saudi Arabia	IAU	2024
14	Master Thesis	Evaluation of the biomarkers of stress among shift work medical staff	IAU	2024

**Administrative Responsibilities, Committee and Community Service
(Beginning with the most recent)**

Administrative Responsibilities

#	From	To	Position	Organization
1	2024-		Chairman, Environmental Health Research Department	IRMC_Institute for Research and Medical Consultations



2	2024-		Head of Occupational Health and Safety Committee	IRMC _Institute for Research and Medical Consultations
3	2023-		Innovation Competition Committee	Vice-dean of Scientific research and Innovation -IAU
4	2020-		Occupational Health and Safety curriculum Program Committee – Coordinator Occupational Health and safety advisor	
5	2019-		Innovation Coordinator	College of public Health
6	2019-		PhD of Public Health curriculum Program Committee – Occupational Health and safety advisor	College of public Health
7	2019-		College exam committee	IAU
8	2019-		College Risk management chairman committee	College of public Health
9	2019-		Emergency Preparedness Committee	IAU
10	2019-		Community Development Coordinator	College of public Health
11	2019-		Executive committee - Center of continuing learning	IAU
12	2019-		Green metric Committee	IAU
13	2019-		IAU Disaster Committee	IAU
14	2018-		Research coordinator	College of public Health
15	2019-		Laboratory Accreditation Committee	College of public Health
16	2018-		Executive Committee Education Continuing center	IAU
17	2017-		Master of Public Health curriculum Program Committee – Occupational Health and safety advisor	College of public Health
18	2016-		Environmental Health program curriculum committee	College of public Health
19	2015-		Security and Occupational Safety Committee	Institute for Research and Medical Consultations, IAU
20	2011-		Safety Section Head	Laboratory Medicine Department KFHU



			Occupational Health and Safety Consultant	
21	2005	2013	General Training coordinators	College of Applied Medical Sciences
22	2004	2015	Occupational Health & Safety Committee	College of Applied Medical Sciences
23	2004	2011	EH Training Coordinator	College of Applied Medical Sciences

Committee Membership

#	From	To	Position	Organization
1	2004	2015	Occupational Health & Safety Committee	College of Applied Medical Sciences
2	2011	2013	Environmental consultation center committee	College of Applied Medical Sciences
3	2012-		Quality Committee member	Environmental Health Department
4	2013-		Safety consultant committee	UOD vice President
5	2015-		Security and Occupational Safety Committee	Institute for Research and Medical Consultations, UOD
6	2015-		Civil Defense hazardous industries assessment committee	Civil Defense
7	2016-		Strategic Planning Committee	College of Public Health

Scientific Consultations

#	From	To	Institute	Full-time or Part-time
1	2011-		Safety Section Head Laboratory Medicine Department KFHU	Part-time
2	2014-2017		Civil Defense –Hazardous Industries	Part-time
3	2024-		Head of Occupational Health and Safety Committee _IRMC_ IAU	Part-time
4	2024-		Chairman of Environmental Health Research Department -IRMC	Part-time



Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Windows – Word – Excel – Power Point
2	Statistical software (SPSS)

Last Update

26/12/2024

Name: Dr.Khaled Fikry Salama

Signature: