



Professor Dr. Nazish Rafique

Amongst the Standford University's Top 2% Scientist list
Google Scholar h-index=11, i10 index=13

FACULTY FULL NAME: Professor Dr. Nazish Rafique

POSITION: Professor of Medical Physiology

Personal Data

Nationality | Pakistani

Date of Birth | Sep 25, 1977

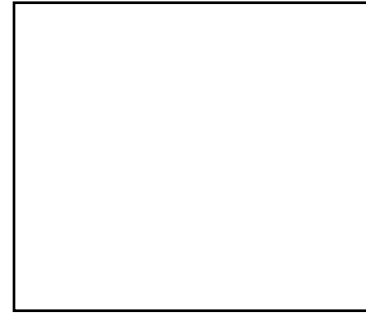
Department | Physiology

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RESEARCHER IDENTIFICATION



<https://www.webofscience.com/wos/author/record/2224943>

Researcher ID: AAH-3918-2021



Scopus Preview

<https://www.scopus.com/authid/detail.uri?authorId=36158273400>

Researcher ID: 36158273400



Google Scholar

<https://scholar.google.com/citations?hl=en&tzom=-180&user=Hn-N7-IAAAAJ>



Connecting research and researchers

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<https://www.researchgate.net/profile/Nazish-Rafique>



Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	x
English	√	√	√
Urdu+ Punjabi	√	√	√

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
May 2024	CHPE (Certificate in Health Professional Education)	Baqai Medical University	Karachi
April 2008	FCPS Physiology (Fellowship of College of Physicians and Surgeons of Pakistan)	Shifa College of Medicine	Islamabad
January 2002.	M.B.B.S. (Bachelor of Medicine-Bachelor of Surgery)	Punjab Medical College	Punjab Medical College, Faisal Abad, Pakistan.

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work		Start Date	End Date
Professor of Physiology	KSA	College of Medicine, Imam Abdulrahman Bin Faisal University, KSA	3 rd October 2024	Till Date
Associate Professor Physiology	KSA	College of Medicine, Imam Abdulrahman Bin Faisal University, KSA	2 nd January 2019	2 nd October 2024
Assistant Professor Physiology	KSA	College of Medicine, Imam Abdulrahman Bin Faisal University, KSA	29 th September 2009	1 st January 2019
Assistant Professor Physiology	Pakistan	Shifa College of Medicine and Shifa International Hospital, Islamabad.	19 th March 2008	27 th September 2009
Instructor/Post graduate Trainee	Pakistan	Shifa College of Medicine and Shifa International Hospital, Islamabad.	3 rd September 2003	18 th March 2008
House Physician Medicine	Pakistan	Holy Family hospital	1 st January 2003	30 th June 2003
House Physician Ob/Gynae	Pakistan	Holy Family hospital	25 th June 2002	24 th December 2002



CARRER HIGHLIGHTS

AWARDS

- Amongst the **Standford University's Top 2% Scientist list**, Year 2023-2024
- Amongst the **Elsevier's List of Top 2% most cited Scientist list**, Year 2023-2024
- **Department star award** at Imam Abdurrahman Bin Faisal University (IAU), Year 2024 (Letter Attached).
- **Best teacher award** at Imam Abdurrahman Bin Faisal University (IAU), Year 2024 (Letter Attached).
- **Nomination for the "Taj Award"** for introducing the unique modular system in preclinical years at IAU with the maximum degree of horizontal and vertical integration.
- **Publication Excellence reward** from the deanship of scientific research IAU = **17 times**. (letter attached)
- **Student research publishing initiative reward (SRPI)** from the deanship of scientific research IAU= **11 times**.
- **Best poster presentation award** on "role of leptin in acute coronary syndrome "presented in PIMS symposium, Islamabad 2008.
- **best oral presentation award** on "role of hyperleptinemia in men with hypertension" presented in 4th ICBCD conference Riyadh 2010.
- **Outstanding annual faculty performance evaluation award** at IAU, Dammam 2014.
- **Achieving the highest student feedback in the last 12 years.**

MAJOR ACHIEVEMENTS IN RESEARCH

Total number of publications= 67

Original articles=47

Review article=1

Response to letter=1

Newsletter=1

Conference papers=18

Most of the articles are published in high-impact factor Q1 or Q2 journals.



(Kindly refer to my ORCID, research gate and Google scholar links above to access these articles)

- Actively involved in **Supervising postgraduate and multiple undergraduate research projects** at IAU.
- **Supervised 25 undergraduate research groups (100 Students), in the last four years**, these groups achieved 10 publications in high impact factor journals. (Letter attached)
- **Part-time reviewer of 15 international journals**
- Scientific research papers **presented to 18 National and International scientific conferences**
- **Received multiple research grants** as a Principal or Co- investigator

ACADEMICS

- **21 YEARS** of “ Undergraduate and Postgraduate Case Based Physiology Teaching” experience.
- **Taught physiology to more than 10,000 medical students.**
- **Taught physiology to more than 10,000 applied science students.**
- **Trained more than 100 faculty members on various aspects of integrated curriculum.**
- Introduced the Unique Modular system at IAU with the maximum degree of Horizontal and Vertical integration.
- Currently working as a **chief coordinator of “Modular committee for integrated curriculum”** for Med-201& Med-301 at Imam Abdulrahman Bin Faisal University Dammam (IAU). **Currently supervising 10 modular committees.**
- **Currently supervising the committees for the formulation of “horizontally and vertically integrated booklets”** for all the body systems for the preclinical medical years.

An active member of the following Committees at IAU

- Curriculum Committee (Current)
- Postgraduate Committee (Past)
- Second year and third-year management committee (Current)
- Committee for integrated questions (Past)
- Committee for horizontal and vertical integration (Current)
- Sub Examination Committee (Past)
- Committee for undergraduate research (Current)
- Supervisory committee for the Masters in Physiology Program at IAU. (Past)



- **Trained more than 100 faculties on various prospects of Vertical and Horizontal integration through multiple workshops, courses, and faculty development programs.**
- **Expert in designing horizontally and vertically integrated curriculums for medical and allied courses.** my findings and experience are also published and available online(kindly refer to articles # 17, 38&40 in the “published refereed scientific researches” table below).

SCIENTIFIC ACHIEVEMENTS

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
Total=47			
1.	Ahmad Bin Aamir, Roopa Kumari, Rabia Latif, Shakil Ahmad, Nazish Rafique, Ayad M. Salem, Lubna I. Alasoom, Ahmed Alsunni, Aseel S. Alabdulhadi, Subhash Chander	Effects of intermittent fasting and caloric restriction on inflammatory biomarkers in individuals with obesity/overweight: A systematic review and meta-analysis of randomized controlled trials	Obesity reviews First published: 17 September 2024 https://doi.org/10.1111/obr.13838
2.	Yar T, Salem AM, Rafique N, Latif R, Siddiqui IA, Shaikh MH, et al.	Composite Autonomic Symptom Score-31 for the diagnosis of cardiovascular autonomic dysfunction in long-term	Journal of Family and Community Medicine Jul-Sep 2024. 31(3):p 214-221, DOI: 10.4103/jfcm.jfcm_20_24



		coronavirus disease 2019	
3.	Haila Alabssi1 , Maiadah Alfares2 , Noura AL Mulhim2 , Rabia Latif 2 , Nazish Rafique et al.	Prevalence and risk factors of hearing loss and otological symptoms among Sickle Cell Disease patients in Saudi Arabia: a single center experience	Acta Biomedica. April 2024.;95(2): 223-230. DOI: https://doi.org/10.23750/ab
4.	Rabia Latif, Deena A. Aldossary1 , Najla A. Aljabari1 , Saja S. Alowaied1 , Latifah A. Aljabari1 , Noor J. Albash1 , Aseel S. Alabdulhadi2 , Nazish Rafique , Lubna I. Al-Asoom, Ayad M. Salem	Prevalence of Menstrual irregularities after COVID-19 vaccination: A cross-sectional study in the Eastern Province, Saudi Arabia" Received 2 rewards: 1: The publication excellence reward from IAU. 2: Student research publishing initiative reward (SRPI) from IAU (Q1 Journal)	Journal of Family and Community Medicine January 2024. 31(1): 71-78. DOI: 10.4103/jfcm.jfcm_115_23
5.	Al Asoom L, Alassaf MA, AlSulaiman NS, Boumarah DN, Almubireek AM, Alkaltham GK, Alhawaj HA, Alkhamis T, Rafique N , Alsunni A, Latif R, Alsaif S, Almohazey D, AbdulAzeez S, Borgio JF.	The Effectiveness of Nigella sativa and Ginger as Appetite Suppressants: An Experimental Study on Healthy Wistar Rats.(Response to letter)	Vasc Health Risk Manag. November2023; 19:753-754. DOI: https://doi.org/10.2147/VHRM.S447262



6.	Nazish Rafique	short sleep duration is a novel independent risk factor for overweight and obesity	Saudi Med J. November 2023; Vol. 44 (11): 1160-1166 DOI: 10.15537/smj.2023.44.11.20230111
7.	Al Asoom L, Alassaf MA, AlSulaiman NS, Boumarah DN, Almubireek AM, Alkaltham GK, Alhawaj HA, Alkhamis T, Rafique N , Alsunni A, Latif R, Alsaif S, Almohazey D, AbdulAzeez S, Borgio JF.	The Effectiveness of Nigella sativa and Ginger as Appetite Suppressants: An Experimental Study on Healthy Wistar Rats. Received 2 rewards: 1: The publication excellence reward from IAU. 2: Student research publishing initiative reward (SRPI) from IAU (Q1 Journal)	Vasc Health Risk Manag. January 2023 Jan 10;19:1-11. DOI: 10.2147/VHRM.S396295.
8.	Johra Khan , Lubna Al Asoom , Ahmad Al Sunni , Nazish Rafique , Rabia Latif , Majed Alabdali , Azhar Alhariri , Majed Aloqaily , Sayed AbdulAzeez , Sadaf Jahan , Saeed Banawas J Francis Borgio	Whole-Exome Sequencing Reveals Migraine-Associated Novel Functional Variants in Arab Ancestry Females: A Pilot Study	Brain Sci. 2022 Oct 24;12(11):1429. DOI: 10.3390/brainsci12111429
9.	Reem Alshamrani, Fatimah Altheeb, Haya Almasaoud, Asmaa Alghamdi, Rabia Latif, Nazish	The Effect of Various Patterns of Personal Listening Devices on Hearing Among University	Acta inform med Published 2022 SEP; 30(3): 225-229 DOI: 10.5455/aim.2022.30.225-229



	Rafique , Amal AlShaikh Sulaiman	Students in Saudi Arabia Received Student research publishing initiative reward (SRPI) from IAU. (Q2 Journal)	
10.	Ayad Mohammed Salem , Talay Yar , Mohammed Al Eid , Husain Almahfoudh , Mohammed Alsaffar , Abdullah Al Ibrahim , Ali Almadan , Sana Alaidarous , Razan Almulhim , Nazish Rafique , Rabia Latif , Intisar Ahmad Siddiqui , Ahmed Alsunni	Post-Acute Effect of SARS-CoV-2 Infection on the Cardiac Autonomic Function	International Journal of General Medicine Published: 30 September 2022;15:7593-7603 DOI:10.2147/IJGM.S382331
11.	Nazish Rafique , Gaeda Khaled I Alkaltham, Latifah Abdullah A Almulhim, Lubna Ibrahim Al-Asoom , Ahmed A AlSunni , Rabia Latif , Mona Hmoud AlSheikh , Talay Yar , Kholoud S Al Ghamdi , Aseel Salah Alabdulhadi, Farhat Nadeem Saudagar, Samina Wasi	Association Between Time Spent on Electronic Devices and Body Mass Index in Young Adults Received Student research publishing initiative reward (SRPI) from IAU(Q1 Journal)	Journal of Multidisciplinary Healthcare Published: 28 September 2022; 15: 2169–2176 DOI:10.2147/JMDH.S376689
12.	Rabia Latif , Nazish Rafique , Lubna Al Asoom , Ahmed A	Factors Affecting Health Care Professionals' Adherence to	Journal of Multidisciplinary Healthcare Published: 21 September 2022;15: 2121-2128 DOI:10.2147/JMDH.S384330



	Alsunni , Ayad Mohammed Salem , Kholoud Al Ghamdi , Rasha AlNujaidi, Maha Alblaies, Sara Alali, Leyan Alotaibi, Nada Alghamdi	COVID-19 Precautionary Measures Received Student research publishing initiative reward (SRPI) from IAU(Q1 Journal)	
13.	Nazish Rafique	Body mass index, eating habits, and various lifestyle changes in young adults during the two years of the coronavirus disease 2019 (COVID-19) pandemic	Journal of Family and Community Medicine. 8 September 2022; 29 : 189-195. DOI: 10.4103/jfcm.jfcm_74_22
14.	Ayad Mohammed Salem , Rabia Latif , Nazish Rafique , Mubarak IAldawlan , Layan B Almulla , Duaa Y Alghirash , Ola A Fallatah , Faleh M Alotaibi , Fahad H Aljabbari , Talay Yar	Variations of Ghrelin and Obestatin Hormones During the Menstrual Cycle of Women of Different BMIs Received 2 rewards: 1: The publication excellence reward from IAU. 2: Student research publishing initiative reward (SRPI) from IAU (Q1 Journal)	International Journal of Women's Health. 7 September 2022 ;14 : 1297—1305. DOI : 10.2147/IJWH.S375594
15.	Lubna Al Asoom 1 , Johra Khan , Ahmad Al Sunni , Nazish Rafique , Rabia Latif , Majed Alabdali , Sayed AbdulAzeez , J Francis Borgio	A Pilot Mitochondrial Genome-Wide Association on Migraine Among Saudi Arabians	Int J Gen Med. 21 July 2022 ;15:6249-6258 2022 DOI: 10.2147/IJGM.S371707



16.	Nazish Rafique , Fatimah Al Tufaif, Wala Alhammali, Reem Alalwan, Alzahraa Aljaroudi, Fatimah AlFaraj, Rabia Latif , Lubna Ibrahim Al-Asoom , Ahmed A Alsunni , Kholoud S Al Ghamdi , Ayad M Salem , Talay Yar	The Psychological Impact of COVID- 19 on Residents of Saudi Arabia 2: Received the Student research publishing initiative reward (SRPI) from IAU (Q2 Journal)	Psychology Research and Behavior Management. 13 May 2022 ;15:1221-1234. DOI:10.2147/PRBM.S360772.
17.	Johra Khan, Lubna Al Asoom, Ahmad Al Sunni, Nazish Rafique , Rabia Latif, Seham Al Saif, Noor B Almandil, Dana Almohazey, Sayed AbdulAzeez, J Francis Borgio	Genetics, Pathophysiology, Diagnosis, Treatment, Management and Prevention of Migraine. Received the publication excellence reward from IAU.	Biomed Pharmacother. July 2021 ;139:111557. DOI: 10.1016/j.biopha.2021.111557.
18.	Ayad Mohammed Salem, Noor Al Khathlan, Abdulelah Fawzi Alharbi, Turki Alghamdi, Saleh AlDuilej, Mohammed Alghamdi, Majed Alfudhaili, Ahmed Alsunni, Talay Yar, Rabia Latif, Nazish Rafique , Lubna Al Asoom, Hussein Sabit	The Long Term Impact of COVID- 19 Pneumonia on the Pulmonary Function of Survivors Received 2 rewards: 1: The publication excellence reward from IAU. 2: Student research publishing initiative reward (SRPI) from IAU (Q2 Journal)	Int J Gen Med. 9 July 2021 ;14:3271-3280. DOI: 10.2147/IJGM.S319436. eCollection 2021.
19.	Lubna Al Asoom, Modhi Alajmi, Reem Alsudairi, Abeer	Association between sex hormones and	Saudi Med J. July 2021;42(7):793-797. DOI: 10.15537/smj.2021.42.7.20210110.



	AlShamlan, Amal Almomatn, Asma Alqarni, Manal Alshammari, Nazish Rafique , Rabia Latif, Ahmed A Alsunni, Dana Almohazey, Hind S Alsuwat, Sayed Abdul Azeez, Francis J Borgio	Migraine in young Saudi females Received Student research publishing initiative reward (SRPI) from IAU(Q2 Journal)	
20.	Latif R, Rafique N , Al Asoom L, et al.	Diagnostic Accuracy of Serum Calcitonin Gene-Related Peptide and Apolipoprotein E in Migraine: A Preliminary Study. Received 2 rewards: 1: The publication excellence reward from IAU. 2: Student research publishing initiative reward (SRPI) from IAU (Q1 Journal)	Int J Gen Med. 12 March 2021;14:851-856. DOI:10.2147/IJGM.S303350
21.	Ahmed A. Alsunni, Nazish Rafique .	Effectiveness of case-based teaching of cardiovascular physiology in clinical pharmacy students	Journal of Taibah University Medical sciences..2021; 16(1): 22–28. DOI: 10.1016/j.jtumed.2020.11.009
22.	Rabia Latif Nazish Rafique	Prevalence and Risk Factors of Prediabetes in	Ethiop J Health Sci. Nov 2020; 30(6): 929–940. DOI:10.4314/ejhs.v30i6.11



		Young Saudi Females in a University Setting	
23.	Rafique N , Al-Asoom LI, Latif R, Alsunni AA, Salem AM, Alkhalifa ZH, Almaharfi RM, Alramadan RS, Aldajani ZF, Alghadeer FAT, Albaghli LA.	Prevalence of Migraine and its Relationship with Psychological Stress and Sleep Quality in Female University Students in Saudi Arabia. Received the publication excellence reward from IAU.	J Pain Res. 5 October 2020;13:2423-2430. DOI: 10.2147/JPR.S270847.
24.	Lubna Ibrahim Al Asoom, Marwah Mansour Al Makhaita, Nazish Rafique , Dina Tariq Al Afandi, Waad Mohammed Al Otaibi, Hind Saleh Alsuwat, Mousa A Alaithan, Sayed AbdulAzeez, and J Francis Borgio	Effects of α -3.7 Deletion and Sickle-Cell Trait on Ventilatory and Hemodynamic Responses to Maximum Exercise in Young Saudi Females Received the publication excellence reward from IAU.	J Blood Med. 2020; 11: 371–378. DOI: 10.2147/JBM.S272905
25.	Nazish Rafique , Lubna Ibrahim Al-Asoom, Ahmed Abdulrahman	Effects of Mobile Use on Subjective Sleep Quality	Nat Sci Sleep. June 2020; 12: 357–364. DOI: 10.2147/NSS.S253375



	Alsunni, Farhat Nadeem Saudagar, Latifah Almulhim, and Gaeda Alkaltham	Received the publication excellence reward from IAU.	
26.	Talay Yar, Basil A. Alshaikh, Nazish Rafique , Ahmed A. Alsunni	Effect of modified physiology laboratory sessions on the awareness and knowledge of obesity of health-related university students	J Family Community Med. 2020; 27(2): 131–137. DOI:10.4103/jfcm.JFCM_301_19
27.	Lubna Ibrahim Al Asoom, Dina Tariq Al Afandi, Aseel Salah Al Abdulhadi, Nazish Rafique , Shahanas Chathoth, Ahmad A Al Sunni	Protective Association of Single Nucleotide Polymorphisms rs1861868-FTO and rs7975232- VDR and Obesity in Saudi Females Received the publication excellence reward from IAU.	International Journal of Journal Medicine. 2020;13 :235—241 DOI:10.2147/IJGM.S251466
28.	Ayad Salem, Rabia Latif, Nazish Rafique .	Comparison of adiponectin levels during the menstrual cycle between normal weight and overweight/obese young females. Received the publication	Physiological Research.2019: 68 (6); 939-945. DOI :10.33549/physiolres.934197.



		excellence reward from IAU.	
29.	Nazish Rafique , Lubna I. Al-Asoom, Rabia Latif, Ahmed Al Sunni, Samina Wasi	Comparing levels of psychological stress and its inducing factors among medical students	Journal of Taibah University Medical Sciences. 2019; 14 (6): 488-494 DOI:10.1016/j.jtumed.2019.11.002.
30.	Nazish Rafique , Mona H AlSheikh	Identifying menarcheal age and its association with body mass index in young Saudi females	Saudi Med J. 2019 Sep;40(9):958-961. DOI: 10.15537/smj.2019.9.24425
31.	Marwah M. Almakhaita, Lubna I. Al Asoom, Nazish Rafique , Rabia Latif, Anas M. Alduhishy,	Validity of maximal oxygen consumption prediction equations in young Saudi females	Saudi Medical Journal. August 2019; 40 (8): 790-796 DOI: 10.15537/smj.2019.8.24332
32.	Lubna Ibrahim Al Asoom, Hind Saleh Alsuwat, Nazish Rafique , Marwah Al Makhaita, Widyan Alamoudi, Sayed AbdulAzeez, and Jesu Francis Borgio	Functional DNA variations associated with Saudi female with low VO_{2max} : a pilot microarray study Received the publication excellence reward from IAU.	Am J Transl Res. June 2019;11(6):3659-3670 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6614660
33.	Sumayh Aldakeel, Neda Ghanem, Amani Al-Amodi, Ahoud Osman, Lubna Al Asoom, Nazish Ahmed	Identification of seven novel variants in the β -globin gene in transfusion dependent and normal subjects Received the publication	Archives of Medical Sciences. May 2019; 16(2): 453–459. DOI: 10.5114/aoms.2019.84825



		excellence reward from IAU.	
34.	Latif R, Rafique N.	Association of anthropometric measurements with oxidant-antioxidant status among young Saudi females. Received the publication excellence reward from IAU.	Physiological Research 2018; 67(5): 787-793 DOI: 10.33549/physiolres.933785.
35.	Nazish Rafique, Mona Hamoud Al-Sheikh	Prevalence of primary dysmenorrhea and its relationship with body mass index.	The Journal of Obstetrics and Gynecological Research.2018;44(9):1773-1778. DOI: 10.1111/jog.13697
36.	Amodi AM , Ghanem AB, Al-Asoom LI, Nazish Rafique, AlmandilBN et al.	Hemoglobin A ₂ (HbA ₂) has a measure of unreliability in diagnosing β -thalassemia trait (β -TT). Received the publication excellence reward from IAU.	Current Medical Research and Opinion. 2018 May;34(5):945-951. DOI: 10.1080/03007995.2018.1435520
37.	Nazish Rafique, Al Sheikh MH.	Prevalence of menstrual problems and their association with psychological stress in young female students Studying health sciences.	Saudi Medical Journal. Saudi Med J 2018 Jan;39(1):67-73. DOI: 10.15537/smj.2018.1.21438.



38.	Nazish Rafique, Salem AM, Latif R & Al Sheikh MH.	Serum Leptin level across different phases of menstrual cycle in normal weight and overweight/ obese females. Received the publication excellence reward from IAU.	Gynecological Endocrinology 2018; 34 (7): 601-604. DOI: /10.1080/09513590.2017.1419173
39.	Latif R, Nazish Rafique, Salem AM, AlSheikh MH, S. Chathoth.	Correlation between circulatory kisspeptin and adipokynes in normal and overweight Saudi females during menstrual cycle.	Biological Rhythm Research. 2018; 49:2, 169-174 . DOI:/10.1080/09291016.2017.1350440
40.	Nazish Rafique , Latif R	Serum kisspeptin levels in normal and overweight Saudi females and its relation with anthropometric indices. Annals of Saudi Medicine.	Annals of Saudi Medicine. 2015 Mar-Apr;35(2):157-60 DOI:10.5144/0256-4947.2015.157
41.	Latif R, Nazish Rafique.	Serum kisspeptin levels across different phases of the menstrual cycle and their correlation with serum estradiol. Received the publication excellence reward from IAU.	The Netherlands Journal of Medicine. 2015; 73(4): 175-178. https://pubmed.ncbi.nlm.nih.gov/25968289/



42.	Nazish Rafique.	Importance of Vertical Integration in teaching and assessment of physiological concepts.	Journal of Taibah University Medical.2014; 9(4):282-288 DOI:10.1016/j.jtumed.2014.04.006
43.	Nazish Rafique , Latif R.	Serum Leptin levels in type II diabetic Pakistani subjects and its correlation with fasting blood sugar.	Saudi Journal for Health Sciences 2014; 3(1): 29-31 DOI: 10.4103/2278-0521.130202
44.	Nazish Rafique.	Designing and Implementation of integrated Endocrinology and Reproduction module.	Pakistan Journal of Physiology.2014; 10(3):132-135. DOI:2073-1183
45.	Nazish Rafique, Afzal N.	Is Hyperleptinemia a risk factor for Hypertension?	Saudi Journal of Medicine and Medical Science.2013;1(1): 40-45. DOI:10.4103/1658-631X.112930
46.	Nazish Rafique, Afzal N.	Deregulations of serum Leptin levels in acute coronary syndrome.	Pakistan Armed Forces Medical Journal.2004; 59(4): 67-70. https://pafmj.org/index.php/PAFMJ/article/view/1735
47.	Nazish Rafique, Afzal N.	Relationship between Leptin, BMI and Gender.	Rawal Medical Journal.2009; 34(2): 128-131. http://www.rmj.org.pk/fulltext/27-1302359611.pdf

Current Ongoing Researches

#	Research Title	Name of Investigator(s)
1.	Comparison of botulinum toxin with anti-CGRP response in migraine patients	Nazish Rafique + Dr. Majid+ 5 th year students
2.	Effects of alpha lipoic acid on nerve conduction studies in diabetic patients	Dr. Nazish Rafique + Master student+ et. al.



3.	Effects of various COVID-19 vaccines on menstruation in young adults	<u>Rabia Latif</u> , Nazish Rafique , 6th Year Medical Students
4.	Relationship of hearing function tests with sickle cell anemia	Nazish Rafique + 6 th year students
5.	Relationship of earphone use with Hearing and Ear infections in University students.	<u>Rabia Latif</u> , Nazish Rafique , 6th Year Medical Students
6.	Reduced sleep duration as an independent risk factor for weight gain	Nazish Rafique
7.	Designing the vertically integrated questions for preclinical students.	Nazish Rafique + Prof Ahmed Alsunni

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Approval Date/Report Date
1.	Nazish Rafique (Non funded)	Effects of two Years of COVID-1 Pandemic on BMI and lifestyle behaviors of young adults	January 2021/ June 2022
2.	Nazish Rafique , et al. (Non Funded)	Effects of mobile use on body mass index and sleep quality	May 2021/ June 2022
3.	Lubna Al Asoom, Nazish Rafique , et al. (Funded by IAU)	A Pilot Mitochondrial Genome-Wide Association on Migraine Among Saudi Arabians	July 2021/ June 2022
4.	Lubna Al Asoom, Nazish Rafique et al. (Funded by IAU)	The Effectiveness of Nigella sativa and Ginger as Appetite Suppressants: An Experimental Study on Healthy Wistar Rats.	October 2021/ June 2023
5.	Nazish Rafique , Rabia Latif & 6 th Year Students (Non funded)	The Effect of Various Patterns of Personal Listening Devices on Hearing Among University Students in Saudi Arabia	October 2021/ May 2022
6.	Ayad Salem, Nazish Rafique & & 6 th Year Students (Non funded)	Post-Acute Effect of SARS-CoV-2 Infection on the Cardiac Autonomic Function	October 2021/ July 2022
7.	Lubna Al Asoom, Nazish Rafique et al.	The Effectiveness of Nigella sativa and Ginger as Appetite Suppressants: An Experimental Study on Healthy Wistar Rats.	October 2021/ January 2023



	(Funded by IAU)		
8.	Nazish Rafique & 6 th Year Students et al. (Non funded)	Effects of COVID-19 pandemic on psychological stress levels in eastern province residents.	October 2020/ June 2021
9.	Nazish Rafique & 6 th Year Students et al. (Non funded)	Effects of COVID-19 pandemic on psychological stress levels in eastern province residents.	October 2020/ June 2021
10.	Ayad Salem, Nazish Rafique & 6 th Year Students (Non funded)	Long-term effect of COVID-19 pneumonia on pulmonary function	December 2020/ November 2021
11.	Lubna Al Asoom, Nazish Rafique , & 6 th Year Students. (Funded by IAU)	Association between sex hormones and Migraine in young Saudi females	October 2019/ June 2020
12.	Rabia Latif, Nazish Rafique & 6 th Year et al. (Funded by IAU)	Diagnostic Accuracy of Serum Calcitonin Gene-Related Peptide and Apolipoprotein E in Migraine: A Preliminary Study.	October 2019/ June 2020
13.	Lubna Al Asoom, Nazish Rafique et al. (Funded by IAU)	Effects of α Deletion and Sickle-Cell Trait on Ventilatory and Hemodynamic Responses to Maximum Exercise in Young Saudi Females	December 2017/ December 2019
14.	Lubna Al Asoom, Nazish Rafique et al. (Funded by IAU)	Functional DNA variations associated with Saudi female with low VO_{2max} : a pilot microarray study	December 2017/ September 2019
15.	Lubna Al Asoom, Nazish Rafique et al. (Funded by IAU)	Hemoglobin A ₂ (HbA ₂) has a measure of unreliability in diagnosing β -thalassemia trait (β -TT).	Feb 2015/ September 2017
16.	Dr. Eyad Salem, Dr. Nazish Rafique and Dr. Rabia Latif	Comparison of serum ghrelin, Obestatin, Leptin, and Adiponectin levels between obese and normal-weight females.	March 2015/ September 2016



	(Funded by IAU)		
17.	Lubna Al Asoom, Nazish Rafique et al. (Funded by IAU)	Protective Association of Single Nucleotide Polymorphisms rs1861868-FTO and rs7975232-VDR and Obesity in Saudi Females	April 2015/ June 2016
18.	Dr. Nazish Rafique and Dr. Mona Hamoud Al-Sheikh (Funded by IAU)	Identification of menstrual problems and their association with various factors in young Saudi students.	April 2015/ June 2016
19.	Rabia Latif, Nazish Rafique (Funded by IAU)	Association of anthropometric measurements with oxidant-antioxidant status among young Saudi females	April 2015/ December 2016
20.	Dr. Nazish Rafique and Dr. Rabia Latif (Funded by IAU)	Identification of high-health risk students based on their weight status, Eating behaviors, Physical activity, and cardiorespiratory fitness.	January 2014 / December 2015
21.	Dr. Nazish Rafique and Dr. Rabia Latif (Funded by IAU)	Serum Kisspeptin levels in various phases of menstrual cycle; Relationship with body mass index and serum estradiol.	January 2014/ June 2015
22.	Dr. Nazish Rafique (Funded by SCM)	Correlation of Serum Leptin levels with fasting blood sugar.	August 2009/ March 2011
23.	Dr. Nazish Rafique and Dr. Nasir Afzal Shifa College of Medicine and Shifa International Hospital Islamabad (Funded by SCM)	Association of Serum Leptin levels with Acute Coronary Syndrome.	September 2007/ December 2009



Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1.	Nazish Rafique	Formulation of Case-Based study guides for teaching Renal Physiology.	Saudi International Medical Education Conference, Al-Faisal University. Riyadh, KSA. 10-12 April 2016. Published in the proceedings of the conference P 37. POSTER PRESENTATION
2.	Nazish Rafique	Identifying the best teaching methodology for vertical integration.	Saudi International Medical education conference, Al-Faisal University. 10-12 April 2016. Riyadh, KSA. Published in the proceedings of the conference P 23. POSTER PRESENTATION
3.	Nazish Rafique, Basil Al Sheikh	Quality assurance in the delivery of vertically integrated curriculum.	Association of Excellence in Medical Education (AEME).Islamabad, Pakistan. 3-5 March 2012. Published in the proceedings of the conference p -43. ORAL PRESENTATION
4.	Nazish Rafique, Basil Al Sheikh	Implementation of a vertically integrated methodology for teaching and assessment of physiological concepts.	Association of Excellence in Medical Education (AEME).Islamabad, Pakistan. 3-5 March 2012. Published in the proceedings of the conference p -38. ORAL PRESENTATION
5.	Nazish Rafique	Relationship between hyperleptinemia and type II diabetes mellitus.	12th Biennial International Conference of Pakistan Physiological Society. 11-12 April 2011.Pakistan. Published in the proceedings of the conference p -24. ORAL PRESENTATION
6.	Nazish Rafique	Importance of implementing Integrated Practical Examination in the Pre-Clinical Years.	12th Biennial International Conference of Pakistan Physiological Society. 11-12 April 2011.Pakistan.



			Published in the proceedings of the conference p -34. ORAL PRESENTATION
7.	Nazish Rafique	Introducing Integrated Practical Examination for Second Year MBBS Class.	International Conference on Medical Education (ICME). 5-7 December 2010. Abu Dhabi, UAE. Published in the proceedings of the conference p-15. BEST PRESENTER AWARD
8.	Nazish Rafique Iqbal M	Quality Assurance in the delivery of integrated curriculum.	International Conference on Medical Education (ICME). 5-7 December 2010. Abu Dhabi, UAE. Published in the proceedings of the conference p-98. POSTER PRESENTATION
9.	Nazish Rafique	Designing and implementing of Integrated Endocrinology and Reproduction Module for second year MBBS class.	International Conference on Medical Education (ICME). 5-7 December 2010. Abu Dhabi, UAE. Published in the proceedings of the conference p-76. POSTER PRESENTATION
10.	Nazish Rafique Afzal N	Hyperleptinemia and hypertension.	22 nd Annual Conference of Physiologists of India and 2 nd Biennial Conference of South Asian Association of Physiologists. Bangalore, India. 17 December 2010. Published in the proceedings of the conference P 247. POSTER PRESENTATION.
11.	Nazish Rafique	Introducing integrated practical examination for endocrinology and reproduction module for 2 nd year MBBS class.	22 nd Annual Conference of Physiologists of India and 2 nd Biennial Conference of South Asian Association of Physiologists. Bangalore, India. 17 December 2010, Page 198. Published in the proceedings of the conference P 247. POSTER PRESENTATION.
12.	Nazish Rafique Afzal N	Role of hyperleptinemia in men with hypertension.	4 th International Conference on Biomarkers of Chronic Diseases (4 th ICBCD).Riyadh, KSA.4-6 May, 2010. Published in the proceedings of the conference page 62. POSTER PRESENTATION.



13.	Nazish Rafique	Introducing integrated practical examination for second year MBBS.	7 th GCC Medical Colleges Symposium (Medical Education: Research & Applications). Dammam, KSA. 17-19 November 2009 . Published in Journal of Family and Community Medicine 2010, 17(1) 50-67. ORAL PRESENTATION.
14.	Nazish Rafique	Designing and implementing of integrated endocrinology and reproduction module for second-year MBBS class.	7 th GCC Medical Colleges Symposium (Medical Education: Research & Applications). Dammam, KSA. 17-19 November 2009. Published in Journal of Family and Community Medicine 2010, 17(1) 50-67. POSTER PRESENTATION.
15.	Nazish Rafique, Afzal N	Relationship between Hyperleptinemia and hypertension.	1 st South Asian Conference of Physiological Societies and 11 th Biennial. Islamabad, Pakistan. 10-12 November 2008. Published in Pakistan Journal of Physiology, Volume 4, No 1, 2008, page 38. POSTER PRESENTATION.
16.	Nazish Rafique, Afzal N	Role of Leptin in acute coronary syndrome.	1 st South Asian Conference of Physiological Societies and 11 th Biennial. Islamabad, Pakistan. 10-12 November 2008. Published in Pakistan Journal of Physiology, Volume 4, No 1, 2008, page 36. ORAL PRESENTATION.
17.	Nazish Rafique, Afzal N	Hyperleptinemia and acute coronary syndrome.	PIMS (Pakistan Institute of Medical Sciences) Symposium. 16-18 October 2008. Published in the proceedings of the conference p-4-5. BEST PRESENTER AWARD OF PIMS SYMPOSIUM
18.	Nazish Rafique, Afzal N	Status of Leptin in acute coronary syndrome.	22 nd Malaysian Society of Pharmacology and Physiology Scientific. 14-15 May 2008.



			Published in the proceedings of the conference p-45. ORAL PRESENTATION
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Contribution to Scientific Conferences (Attended and presented)

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1.	Saudi International Medical Education Conference. 16 CME Hours	AlFaisal University, Riyadh KSA (10-12 April 2016).	Attended and presented One oral and one poster presentation
2.	Conference on Association of Excellence in Medical Education (AEME).	Islamabad, Pakistan (3-5 March 2012).	Attended and presented two oral presentations
3.	4 th International Conference on Biomarkers of Chronic Diseases (4 th ICBCD, 2010).	Riyadh, Saudi Arabia(March 2010).	Attended and presented Two poster presentations.
4.	International Conference on Medical Education (ICME). 14 CME Hours	Abu Dhabi, United Arab Emirates (5-7 December 2010).	Attended and presented One oral and two poster presentations.



5.	2 nd Biennial Conference of South Asian Association of Physiologists.	Bangalore, India(15-17 December 2010).	Two poster presentations.
6.	CME/PD activity entitled "7 th GCC Medical Colleges Symposium (medical education: research and applications)." 11 CME/PD credit hours.	King Faisal University Saudi Arabia((17-19 November 2009).	Attended and presented One oral and one poster presentation.
7.	PIMS (Pakistan Institute of Medical Sciences) symposium.	Islamabad Pakistan(16-18 october 2008).	Attended and presented. One oral presentation
8.	1 st South Asian Conference of Physiological Societies and 11 th Biennial Conference of Pakistan Physiological Societies.	Shia College of Medicine, Islamabad Pakistan (10-12 November 2008).	Organized, hosted, and presented. One oral and one poster presentation.
9.	22 nd Malaysian Society of Pharmacology and Physiology Scientific Meeting. 2008, in Malaysia.	Malaysia(2008).	Oral Presentation



Contribution to Scientific Workshops /courses / Faculty development Lectures/ and symposiums (attended and presented)

The presented contributions are highlighted in grey color.

#	Conference/workshop Title	Place and Date of the Conference	Extent of Contribution
1.	Do's and Don'ts for Horizontal and vertical integration while formulating the integrated sessions for VIA week. (Faculty development program)	College of Medicine, Building A72 Main Auditorium, ground floor Imam Abdulrahman Bin Faisal University, 12 th April 2023	Presenter
2.	One day hands-on workshop on “ Importance of vertical and horizontal integration in the medical curriculum”	College of Medicine, Building A72, Department of Medical Education Imam Abdulrahman Bin Faisal University, 30 th March 2023	Presenter+ Organizer
3.	2 days online hands-on PBL workshop	Online, In coordination with SAAP, IUPS& FAQPS 14 TH and 15 TH March 2023	Attendee
4.	Problem-based learning challenges and opportunities	College of Medicine, Building A72, Department of Medical Education Imam Abdulrahman Bin Faisal University, 2 nd January 2023	Attendee
5.	Preparation for a vertically integrated week for med-301 students (Faculty development program)	College of Medicine Imam Abdulrahman Bin Faisal University, 11 th April 2022	Presenter
6.	Assessments of the Course Learning Outcomes	Online, College of Clinical Pharmacy, 29 th September 2020	Attendee
7.	Alternative and effective assessment methods (Attendee)	Deanship of Academic Development, IAU 12th March 2019	Attendee



8.	Knowledge café to learn the concepts of Knowledge Sharing	Female campus, IAU, KSA 14th Feb 2019.	Attendee
9.	Course Specification and Course Report	Deanship of academic accreditation, 20th Jan 2019.	Attendee
10.	A one-day workshop on Formulation of horizontally and vertically integrated questions for basic medical sciences	Auditorium A, Building 11, College of Medicine Imam Abdulrahman Bin Faisal University, 16 th January 2019	Presenter
11.	Writing MCQs and EMQs and item analysis Interpretation (Faculty Development Program)	Auditorium A, Building 11, IAU Campus, KSA 27th March 2018	Attendee
12.	Delivering content with context for CP students (Faculty development program)	Imam Abdulrahman Bin Faisal University, 3 rd May 2018	Presenter
13.	Lecturing skills “Who is a good teacher”?	Auditorium B, Building 500, KFUH, Imam Abdulrahman Bin Faisal University, Dec 2016	Presenter
14.	Workshop on Accreditation (Attendee)	Auditorium B, Building 500, KFUH, Imam Abdulrahman Bin Faisal University, 26th Dec 2016	Attendee
15.	Research funding	Imam Abdulrahman Bin Faisal University, 21st Dec 2016	Attendee
16.	World Day for safety and health at work Symposium “Stress at the workplace: A collective Challenge”	University of Dammam, 17th April, 2016	Attendee
17.	Professional Development Workshop on Problem-based Learning and Assessment	University of Dammam collaboration with Monash University. 28-30 April 2014 (20 training hours).	Attended
18.	Clinical Significance of Large-scale Genomic Studies in	University of Dammam, Kingdom of Saudi Arabia, 3rd Feb, 2014	Attendee



	Cardiomyopathy and Transplantation		
19.	Intensive Training Program (Developing Core Competencies In Teaching And Learning In Higher Education	Deanship of University Development University Of Dammam, 24-25 December 2013 & 31 December 2013-1 January 2014.	Attended
20.	How to formulate study guides for effective teaching (Faculty development program)	Auditorium A, Building 11, College of Medicine Imam Abdulrahman Bin Faisal University, 21 st September 2014	Presented
21.	The new medical curriculum of Monash University (24 Training Hr)	6-9/October 2013, University of Dammam	Attended
22.	Course Portfolio Seminar	25 th September 2013, College of Medicine University of Dammam	Attended
23.	Before Starting Clinical Research on Humans In KSA	The University of Dammam 22 nd April 2013	Attended
24.	Effective interaction with the students	University of Dammam, Kingdom of Saudi Arabia 25 th March,2013	Attendee
25.	Instruction Design	University of Dammam 19-20/March 2013	Attended
26.	Teaching Skills in the 21st Century.	NIE International Singapore and Deanship of Education and Development University of Dammam (18-19 February 2013).	Attended
27.	Educational Research	University of Dammam (18-19/December 2012 G)	Attended
28.	Strategies For Improving Research Outcomes	University of Dammam (15-17 th September 2012 G)	Attended
29.	Assessment	University of Dammam (7-8/May2012 G)	Attended
30.	Leadership in Medical Education	University of Dammam (2012)	Attended
31.	Importance of developing a table of specifications	Auditorium A, Building 11,	Presented



	for the Medical students(faculty development program)	College of Medicine Imam Abdulrahman Bin Faisal University, 1 st January 2011	
32.	Improve Your Islamic English	E Dialogue Center, Dammam (8 TH Feb 2011)	Attended
33.	Principles Of Curriculum Development	University Of Dammam . 20 th April 2011	Attended
34.	Induced Pluripotent Stem Cells and Future Therapy	University of Dammam 30 th May 2011	Attended
35.	Comparison of lab Examination between Shifa College of Medicine and King Faisal University (Faculty development program)	Auditorium A, Building 11, College of Medicine, University of Dammam. 12 th December 2009	Presented
36.	Experience in teaching in an integrated curriculum (Faculty development program)	Auditorium A, Building 11, College of Medicine, University of Dammam. 11 th November 2009	Presented
37.	MCQ writing (Faculty development program)	Main Auditorium, Shifa College of Medicine, 12-13 August 2009	Presented
38.	2 Days workshop on “ Teaching methodologies in Medical Curriculum”	Main Auditorium, Shifa College of Medicine, 19-20 May 2009.	Presented
39.	2 Days workshop on Research methodology	Main Auditorium, Shifa College of Medicine, 26 th January 2009	Presented
40.	PBL, Opportunities and Challenges at SCM	Main Auditorium, Shifa College of Medicine, 4 th December 2008	Presented
41.	2 Days Training workshop on” Ensuring Vertical Integration in Basic Medical Sciences”.	Mai Auditorium, Shifa College of Medicine, 03-04 September 2008.	Hosted + Organized+ Presented
42.	A training session for faculties of SCM on “ Journey of Shifa College	Main Auditorium, Shifa College of Medicine, 28 th April 2008	Organized+ Presented



	of medicine towards an integrated curriculum”		
43.	Designing the course reports and course specifications of various modules(Faculty development program)	Main Auditorium, Shifa College of Medicine, 2 nd November 2007	Presented

Membership of Scientific and Professional Societies and Organizations

- Pakistan Physiological Society, Pakistan
- South Asian Association of Physiologists (SAAP)

Teaching Activities

Undergraduate

#	Courses	Extent of Contribution (no. of lectures/Tutorials)
	Experience of 20 YEARS of “ Undergraduate Case Based Physiology Teaching” Expert in lecturing/ Small group discussions / PBL and laboratory sessions for all the systems of Human Physiology.	
	Pioneer of Introducing Vertical and Horizontal Integration in Physiology Lectures of Medicine and Allied Subjects.	
	Physiology (Medicine 201)	Taught all the following physiology Lectures to MED-201 students at IAU and Shifa College of Medicine. Introductory Physiology=3 Lectures Muscle Physiology= 4 Lectures Cardiovascular Physiology=10 lectures Central Nervous system=12 Lectures Special Senses= 4 Lectures Nerve conduction Lab Obesity Lab Lab of vital signs Expert in Power Lab Conducting small group and tutorial sessions during the delivery of each module. PBL facilitation 2014-2022. Currently involved in Teaching Introductory and Muscle Physiology to MED-201 Students.



<p>Physiology (Medicine 301)</p>	<p>Taught all the following physiology Lectures to MED-301 students at IAU and Shifa College of Medicine. Fluid and electrolyte balance lectures Acid-base balance=4 lectures Renal Physiology=7 Lectures Gastrointestinal physiology =8 lectures Respiratory Physiology= 7 Lectures Respiratory lab= Spirometer& Vitalograph Endocrine physiology=10 Lectures Reproductive Physiology=7 Lectures Conducting small group and tutorial sessions during the delivery of each module. PBL facilitation for MED-301 at SCM for 3 years.</p> <p>Currently involved in Teaching GIT, Fluid, and electrolyte balance, and Acid-base balance to MED-301 students.</p>
<p>Physiology for Clinical Pharmacy PHYL 204, PHYL-201</p>	<p>Taught all the following physiology Lectures to CP students.</p> <p>Introduction= 6 lectures Muscle physiology=4 lectures Cardiovascular Physiology= 8 Lectures Central Nervous System Lectures Renal Physiology=7 lectures Gastrointestinal physiology= 7 lectures Respiratory Physiology=6 Lectures Endocrinology and reproduction= 8</p> <p>Currently involved in teaching Cardiovascular and Respiratory Physiology to the CP students.</p>
<p>Anatomy & Physiology (Nursing) ANPS-211 &222</p>	<p>Taught all the following physiology Lectures to Nursing students.</p> <p>Introduction= 4 lectures Muscle physiology=4 lectures Cardiovascular Physiology= 6 Lectures Blood=3 Lectures Central Nervous system=8 Lectures Renal Physiology=7 lectures Gastrointestinal physiology= 6 lectures Respiratory Physiology=6 Lectures Endocrinology and reproduction= 10</p>



	<p>Currently involved in teaching Cardiovascular and Respiratory Physiology to the CP students.</p> <p>Currently involved in teaching Cardiovascular and Respiratory Physiology to Nursing students.</p>
<p>Physiology (Dental) PHYL-214</p>	<p>Taught all the following physiology Lectures to dental students at IAU and Shifa College of Medicine.</p> <p>Introduction= 5 lectures Muscle physiology=4 lectures Cardiovascular Physiology= 8 Lectures Central Nervous System=7 Lectures Renal Physiology=7 lectures Gastrointestinal physiology= 8 lectures Respiratory Physiology=6 Lectures Endocrinology and reproduction= 8</p> <p>Currently involved in teaching Introductory and Respiratory Physiology to the CP students.</p>
<p>Physiology (Applied Medical Sciences; Physiotherapy) PHYL-212, PHYL 222</p>	<p>Taught all the following physiology Lectures to PT-RT students.</p> <p>Introduction= 6 lectures Muscle physiology=6 lectures Cardiovascular Physiology= 8 Lectures Central nervous system=10 Lectures Renal Physiology=5 lectures Gastrointestinal physiology= 5 lectures Respiratory Physiology=6 Lectures Endocrinology and reproduction= 8</p> <p>Currently involved in teaching Introductory, Cardiovascular, and Muscle Physiology to the CP students.</p>
<p>Physiology (Applied Medical Sciences; Respiratory care) PHYL 214</p>	<p>Designed a booklet for advanced case-based Respiratory Physiology for 4th Year RT students.</p> <p>Taught all the following physiology Lectures to RT students.</p> <p>Introduction= 4 lectures Muscle physiology=4 lectures Cardiovascular Physiology+ blood= 8 Lectures Central nervous System Lectures Endocrinology and reproduction=6 Renal Physiology=6 lectures</p>



	<p>Gastrointestinal physiology= 5 lectures Respiratory Physiology=8 Lectures</p> <p>Advanced case Based Respiratory Physiology Course= 12 lectures</p> <p>Advanced Sleep Physiology Course (Polysomnography)= 8 lectures</p>
<p>Human Physiology & Anatomy (Clinical Nutrition) PSAN 211</p>	<p>Taught all the following physiology Lectures to CN students.</p> <p>Introduction= 4 lectures Cardiovascular Physiology= 3 Lectures Blood=2 Central Nervous system=4 Lectures Renal Physiology=4lectures Gastrointestinal physiology= 10 lectures Respiratory Physiology=4 Lectures</p> <p>Currently involved in teaching Cardiovascular and Respiratory Physiology to the CN students.</p>
<p>Physiology (Public Health) PHYL 212</p>	<p>Taught all the following physiology Lectures to PT-RT students.</p> <p>Introduction= 6 lectures Cardiovascular Physiology= 6 Lectures Blood=3 Endocrine=6 Renal Physiology=6 lectures Gastrointestinal physiology= 5 lectures Respiratory Physiology=6 Lectures</p> <p>Currently involved in teaching Cardiovascular and Introductory Physiology to Public health students.</p>

Postgraduate Teaching

#	Course/Rotation Title	Extent of Contribution (no. of lectures/Tutorials)
	Actively involved in Updating the course specifications and course objective for the postgraduate handbook at IAU in 2022-2013	



1	Critical appraisal-Basic PHYL 853	Instructor& In charge
2	Critical appraisal-Advanced PHYL 854	Instructor& In charge
3	Cardiovascular Physiology PHYL 833	24 lectures /instructor& In charge
4	Research Techniques(Mammalian Physiology Laboratory) PHYL 812	6 lectures/ instructor& In charge
5.	Research Methodology PHYL 825	4 lectures/ instructor& In charge
6.	Thesis Research PHYL 850	6 lectures/ instructor& In charge
7.	Advanced physiology course PHYL 810	24lectures/ instructor& In charge
8.	Seminars in Physiology 826 A	8/ Instructor& In charge

Course Coordination

#	Course Title and Code	Coordinati on	Co-coordin ation	Undergrad	Postgr ad	From	To
1	Medical –MED 201	√		√		September 2020	Till date
2	Medical-MED 301	√		√		September 2020	Till date
3	Public Health PHYL-212	√		√		September 2018	Till date
4	Nursing-ANPS 211 and 212	√		√		September 2017	December 2018
5	Post graduate committee	√			√	January 2015	July 2017
6	College of Physiotherapy		√	√		September 2012	June 2018
7	Respiratory Care- PHYL 214	√		√		September 2012	June 2017
8	MED- 201& MED -301	√		√		September 2011	June 2013



9	Dental-PHY-214	√		√		September 2010	June 2013
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Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date
	General Physiology PHYL - 2104R	Human Physiology	College of Applied Medical Sciences, Jubail (CAMS Jubail).	October 2017- December 2017
	General Physiology	Cardiovascular Physiology for Postgraduate Trainees	CPSP Pakistan College of Physicians and Surgeons of Pakistan	September 2008- December 2008

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
Academic supervision				
1.	Year 6 (Medicine)	4/year	September 2021	June 2022
2.	Year 6 (Medicine)	5/year	September 2020	June 2021
3.	Year 6 (Medicine)	6/year	September 2019	June 2020
4.	Year 2 (Medicine)	45 students/ year	September 2020	Till date
Supervision of research projects				
5.	3 rd year (Medicine) Preparation for SPC	Group of 6 students/year	September 2018	June 2021
6.	6 th year Students (Medicine) Guiding for Original article writing	Group of 6 students/year	September 2019	Till date

Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
1	Masters in Physiology	Validation of VO _{2max} prediction formulae in	Imam Abdulrahman Bin Faisal University, Dammam	March 2017-



		Saudi college female students.		March 2020
2	Masters in Physiology	Effects of alpha lipoic acid on nerve functions in diabetic neuropathy	Imam Abdulrahman Bin Faisal University, Dammam	present

Ongoing Research Supervision

#	Degree Type	Title	Institution	Date
	Masters in Physiology	Effects of alpha lipoic acid on nerve functions in diabetic neuropathy	Imam Abdulrahman Bin Faisal University, Dammam	September 2021 till date
	6th Year Research Project	Comparison of botulinum toxin with antiCGRP response in migraine patients	Imam Abdulrahman Bin Faisal University, Dammam	January 2023 to date
	6th Year Research Project	Relationship of hearing function tests with sickle cell anemia	Imam Abdulrahman Bin Faisal University, Dammam	September 2022 till date
	6th Year Research Project	Relationship of earphone use with Hearing and Ear infections in University students	Imam Abdulrahman Bin Faisal University, Dammam	February 2022 till date

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

Administrative Responsibilities

#	From	To	Position	Organization
1.	September 2020	Till date	Coordinator	2 nd year and 3 rd year management committee, College of Medicine.
2.	September 2018	Till date	Coordinator	College of Public health



3.	September 2017	December 2018	Coordinator	College of Nursing IAU
4.	September 2012	June 2018	Co-Coordinator	College of Physiotherapy IAU
5.	September 2012	June 2017	Coordinator	Respiratory Care Department IAU
6.	January 2013	July 2015	Coordinator and Incharge of postgraduate program	College of Medicine IAU
7.	September 2010	June 2013	Coordinator	College of Dentistry IAU

Committee Membership

#	From	To	Position	Organization
1.	June 2022	Till date	Chief Coordinator	“Modular Committee for Integrated Curriculum” for MED-301.
2.	June 2022	Till date	Chief Coordinator	“Modular Committee for Integrated Curriculum” for MED-201.
3.	September 2023	Till date	Group Leader	Group Leader of the “Integrated Gastroenterology Module Committee” for MED-301
4.	September 2023	Till date	Member	Standard Accreditation Committee at IAU
5.	September 2022	Till date	Department Coordinator	MED-301& MED201, Management Committee of College of Medicine
	September 2020	Till date	Member	College advising committee, College of Medicine IAU
6.	September 2020	Till date	Coordinator	Committee for vertically integrated questions (VIA)for MED-301
7.	January 2019	December 2019	In charge	VIA Committee for integrated questions MED-301
8.	January 2017	December 2017	Member	Educationists’ Committee, Imam Abdulrahman Bin Faisal University Dammam.
9.	January 2013	July 2015	Member	Post Graduate Committee of Physiology Department, University of Dammam.



10.	September 2008-	September 2009	Director	Faculty Development Project Committee of Shifa College of Medicine
	March 2008	September 2009	Director	PBL Committee
11.	June 2008	September 2009	Assistant Director	Committee of Integrated Curriculum at Shifa College of Medicine.
12.	March 2008	September 2009	Chief coordinator	Committee of Integrated Endocrinology and Reproduction Module

Scientific Consultations

#	From	To	Institute	Full-time or Part-time
1.	April 2023	Till date	Biomedical Research International	Reviewer (part-time)
2.	March 2023	Till date	BMC Complementary Medicine	Reviewer (part-time)
3.	February 2023	Till date	Journal of University College of Medicine and Dentistry.	Reviewer (part-time)
4.	January 2023	Till date	Digital health	Reviewer (part-time)
5.	December 2022	Till date	Psychology Research and Behavior Management.	Reviewer (part-time)
6.	September 2022	Till date	Malaysian journal of medical sciences	Reviewer (part-time)
7.	February 2022	Till date	Journal of Pain Research	Reviewer (part-time)
8.	June 2021	Till date	Nature and science of sleep	Reviewer (part-time)
9.	January 2021	Till date	International journal of women's health (2)	Reviewer (part-time)



10.	January 2018	Till date	BMC Women Health (3)	Reviewer (part-time)
11.	December 2017	Till date	Frontiers in Psychiatry	Reviewer (part-time)
12.	February 2016	Till date	Saudi Medical Journal	Reviewer (part-time)
13.	September 2016	Till date	BMC Public health (3)	Reviewer (part-time)
14.	May 16		BMC Cardiovascular disorders	Reviewer (part-time)

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

1	Microsoft word, Excel, and PowerPoint
2	Statistical package for the social sciences (SPSS)
3	People soft, Blackboard
4	<ol style="list-style-type: none"> 1. Blood extraction 2. Blood centrifugation 3. Running the ELISA(Enzyme link immunosorbent 4. essay) kits. 5. Langendorff technique

Last Update

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