



SHAHBAZ AHMAD ZAKKI

Public Health Expert

PROFILE & EDUCATION

Citizenship:	Pakistani
Current Position:	Assistant Professor/Head of Department
Department:	Department of Public Health & Nutrition, The University of Haripur, Haripur, Pakistan
Email:	sazakki@uoh.edu.pk , shahbaz.zakki@hotmail.com
Contact:	+92-333-6362383
Languages:	English, Urdu, Japanese
Qualification:	PhD Public Health (Japan)

HIGHLIGHTS		SKILLS & EXPERTISE	
Publications	> 42	Public Health & Epidemiology	Environmental Toxicology, Climate Change, Epidemiology & Public Health, Non-Communicable Diseases, Social Health, Health Policy Research, Clinical Trials, Cardiac Health, Mental Health, School Health, Medical Ethics, Diet & Nutrition, Health Assessment, Quality of Life, Quality Management in Healthcare, Biosafety & Biosecurity, Cancer Biology, Hyperthermia
Impact Factor	> 80		
Citations	307		
h-Index	9		
i10-Index	9		
		Teaching & Research	Teaching Undergraduate level, Teaching Postgraduate levels (MS & PhD), Curriculum Development, Quality Assurance, Self-Assessment of Academic Programs, Independent Research Lead, Quantitative Research, Qualitative Research, Research Mentorship, Research Project Lead
		Communication & Promotion	Health Awareness, Health Education, Health Promotion, Community Engagement, Community Mobilization, Health Marketing, Social Health Activist
Graduate Supervision Completed	15 MS	Leadership & Executive Role	Part of Policy Dialogues and Policy Formulation, Health Staff Supervision, Health Monitoring, Founder of Organizations, President of Organization, Executive Member of Organization, Organizing Seminars, Workshops and Chairing Scientific Sessions, Judge in International Conferences
Undergrad Supervision Completed	20 BS	Microbiological & Molecular Techniques	Microbial Culturing, Fungal Culturing, Flow Cytometry, PCR, Western Blotting, DNA, RNA and Proteins Extractions, DNA Fragmentation
Scholars Under Supervision	7 MS 5 PhDs	Extraction Techniques & Chromatography	Plant extraction techniques, MIC measurement, Thin Layer Chromatography, Column Chromatography, Fluorescent Microscopy
R.E.M.P (NCT) Reg. # QBH-0083		Research Software	GraphPad Prism, Image Studio Digits, Image J, Flowing Software 2, Compusyn, SPSS, EndNote and Mendeley, STATA basics, R basics, Basics of Disease Modeling

Professional Profile Links

Google Scholar: <https://scholar.google.com/citations?user=sRtmGUEAAAAAJ&hl=en>
LinkedIn: <https://www.linkedin.com/in/shahbaz-ahmad-zakki-08576a131/>
ORCID: <https://orcid.org/my-orcid?orcid=0000-0003-3704-0834>
Research Gate: <https://www.researchgate.net/profile/Shahbaz-Zakki>
Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57195966334>
Web of Science: <https://www.webofscience.com/wos/author/record/AAO-6991-2020>
YouTube Channel: [Dr. Shahbaz Zakki - YouTube](#)

MISSION STATEMENT

I am dedicated to contributing to society through my knowledge, experience, and skills, driven by passion, effective leadership, and a visionary mindset. I firmly believe that individuals can lead longer, more fulfilling lives when fueled by passion, unwavering commitment, and a clear vision.

WORK EXPERIENCE	
Job Title: Experience: Organization:	Head of Department (Administrative Role) > 2.5 Years (08 March 2022 – to date) 46 Days (20 May – 06 July, 2020) Department of Public Health, The University of Haripur, Haripur, Khyber Pakhtunkhwa, Pakistan.
Job Description:	Launched MS program in Public Health, Launched PhD program in Public Health, Launched BS program in Human Nutrition & Dietetics, Launched Graduate Diploma in Public Health, Administrative responsibilities, Conduction of Board of Studies & Graduate Research Meetings, Admissions, Examinations, Development & Revision of Curriculum, Faculty Meetings, Self-Assessments of Undergraduate & Graduate Programs, Office Management, Participation in Board of Faculty and Academic Council Meetings for academic and research policies.
Job Title: Experience: Organization:	Assistant Professor (Tenure Track System) 05 Years (11 December, 2019 – to date) Department of Public Health, The University of Haripur, Haripur, Khyber Pakhtunkhwa, Pakistan
Job Description:	Academic Teaching, Research Supervision, Project Submissions, Student's Advisership, Field Visits, Social Work Activities, Journal Club for Research Scholars, Research Seminars, Skill Learning Workshops
Job Title: Experience: Organization:	Adjunct Faculty > 03 Months (08 August 2024 – to date) Health Services Academy, Islamabad, Pakistan
Job Description:	Teaching and Research Supervision Activities
Job Title: Experience: Organization:	Post-Doctorate Research Fellow 02 Months (01 October – 30 November, 2019) Department of Public Health, University of Toyama, Toyama, Japan
Job Description:	Research Project Lead, Training to junior MS and PhD scholars
Job Title: Experience: Organization:	Research Assistant & Teaching Assistant 04 Years (01 October, 2015 – 30 September, 2019) Department of Public Health, University of Toyama, Toyama, Japan
Job Description:	Teaching Medical English courses to Japanese Medical Students, Lab Experimentations, Data Analysis, Manuscript writings

Job Title:	School Health & Nutrition Supervisor
Experience:	~ 06 years (05 September, 2009 – 15 August 2015)
Organization:	Basic Health Unit, Public Health Department, Government of the Punjab, Pakistan
Job Description:	Supervision of Field Staff in Routine Immunization, Role of Union Council Medical Officer in Polio, Measle and other Disease' Campaigns, overlooking work of Maternal & Child Health, Health Awareness & Education Sessions in Schools, General Health Screening of School Children and Referral to Hospitals, Member of School Health Committee, Member of Village Health Committee, Monitoring & Evaluation of Health Indicators

RESEARCH PROJECTS (in process of publication)

- Climate change and their perceptions about government responses among undergraduate university students in Pakistan: A national cross-sectional study. (ongoing)
- Climate Communication Insights Knowledge, Attitude and Practices Among Healthcare Professionals of Khyber Pakhtunkhwa, Pakistan. (ongoing)
- Assessment of Environmental Health Hazards to farmer's population after spraying pesticides for a long time. (ongoing)
- "Self-coping, Depression Management and Resilience in Quality of Life through Implementation of Evidence-based Problem-Solving Therapy (A Randomized Controlled Trial) in Patients with Myocardial Infarction and Stroke to Prevent Recurrence: A Mixed-Method Approach in Haripur, Pakistan". Sub-Award on NCD capacity building initiative in Pakistan by Aga Khan University Karachi through a grant of Fogarty International, NIH, USA. (ongoing)
- Feasibility, Acceptability and Efficacy of Delivering WHO Self-Help Plus Intervention Among Psychologically Distressed Young Carers in Pakistan: A School-Based Randomized Controlled Trial. (ongoing)

COURSES TAUGHT IN ACADEMICS (Undergraduate & Post-graduate levels)

- Concepts of Public Health
- Sociology of Health and Diseases
- Personal Hygiene
- Health Policy
- Health Management
- Health Marketing
- Social and Behavioral Aspects of Public Health
- Design and Analysis of Clinical Trials
- Mental Health Interventions
- Concepts of One Health Disease and Prevention
- Hospital Management
- Global Disease Epidemiology
- Epidemiology Report Writing
- Health Systems
- Medical English (to Japanese Medical Students)

PROFESSIONAL COURSES

- Four-week Online Certification Course of 15 CME Hours in "Quality Management in Healthcare", from November 06-November 28, 2020, Co-offered by University of Health Sciences, Lahore and Department of

Public Health, Infection Prevention and Control Foundation, Pakistan.

- 6-months [The Fogarty-Aga Khan University Initiative Non-Communicable Disease Research Certification Course](#) of 88 CME Hours, from October 2023 to February 2024 (Fogarty-Fellow).

AWARDS AND HONOURS

- [HEC Approved PhD Supervisor](#) since 23 October 2020.
- Certified “[National Faculty Development Programme 2020](#)” by National Academy of Higher Education, HEC, Pakistan.
- [Gold Medal](#), The Islamia University of Bahawalpur, 2009.
- [Shaheed Hakim Muhammad Said Gold Medal](#), Hamdard Foundation Pakistan, 2010.
- [Toyama University Scholarship for Foreign Students](#), Government of Japan, 2015 & 2016.
- [JASSO Scholarship](#), Government of Japan, 2017.
- [Toyama International Exchange Scholarship](#), Government of Japan, 2018.

DEPARTMENTAL/INSTITUTIONAL RESPONSIBILITIES

- Member of [Institutional Biosafety Committee](#), The University of Haripur, Pakistan since November, 2022.
- Member cum Secretary of [Committee for Prevention and Control of Dengue Outbreak](#) in the Campus, The University of Haripur, Pakistan since May, 2024.
- Member of the [committee to frame a policy](#) for cases of employees having surety bond with University, since January, 2024.
- [Member of Directorate of Academics for ODL](#), The University of Haripur.
- [Member Board of Studies of Department of Public Health](#), Government College University Faisalabad since September 13, 2023.
- [Member Departmental Board of Studies, Department of Public Health & Nutrition](#), UOH since June, 2020.
- [Member Board of Faculty, Faculty of Biological and Biomedical Sciences](#), UOH since March, 2023.
- Member of [Committee to submit report for launch of academic programme of BS Nursing](#), The University of Haripur, Pakistan in November, 2022.
- [Coordinator Graduate Program](#), Department of Public Health & Nutrition, UOH since April, 2021.
- [Focal Person for Tang Chinese International for Joint Degree Programme](#) since February, 2023.
- [Convener Team for Self-Assessments of Undergraduate & Graduate Programs](#) of Public Health.
- Member of [NOC committee](#), UOH since October, 2022.
- Member [GRC](#), Department of Food Science and Technology, UOH since April, 2022.
- [Convener GRC](#), Department of Public Health & Nutrition, UOH since May, 2022.
- [Convener Admission Committee for MS/Ph.D. Public Health](#) since January, 2021.
- [Convener Scrutiny Committee for MS/Ph.D. Public Health](#) since January, 2021.
- [Convener Admission Committee for BS Public Health](#) since January, 2021.
- [Convener Scrutiny Committee for BS Public Health](#) since January, 2021.
- [Internal Controller of Examination](#) since March 2020.
- [Departmental Focal Person for Student’s financial Aid](#), UOH since March 2020.
- [Member Medical Committee](#) to review Medical policy, University of Haripur, since December 30, 2019.
- [Departmental Focal Person to QEC](#), The University of Haripur since October, 2021.
- [Focal Person to NACTA](#) from The University of Haripur since July, 2021.

SYNOPSIS/THESIS EVALUATION

- 6 M.Phil Thesis Evaluated
- 2 PhD Synopsis Evaluated
- 2 PhD Thesis Evaluated
- 4 PhD Viva Voce External

RESEARCH SUPERVISION

NO.	SCHOLAR NAME	DEGREE	THESIS TITLE
1	Faisal Afridi	PhD-Public Health (Continue)	Assessment of Response to Depression Treatment with Selective Serotonin Reuptake Inhibitors and Its Association with SLC64A Gene Polymorphisms: A Multi-Centered Study in Quetta, Pakistan
2	Asim Raza	PhD-Public Health (Continue)	Epidemiological Aspects and Determinants Associated with Prognosis and Recurrence of Breast Cancer in Punjab, Pakistan
3	Adnan Khan	PhD-Public Health (Continue)	Molecular Characterization and Social Determinants of Antimicrobial Resistance in E. coli in Khyber Pakhtunkhwa using One Health Approach
4	Majid Ali Tahir	PhD-Public Health (Continue)	Comprehensive Assessment of Preparedness and Readiness of Khyber Pakhtunkhwa to Manage Public Health Emergencies
5	Muhammad Ateeb	PhD-Public Health (Continue)	Feasibility, Acceptability and Efficacy of Delivering WHO Self-Help Plus Intervention Among Psychologically Distressed Young Carers in Pakistan: A School-Based Randomized Controlled Trial
6	Sania Khan	MS-Public Health	Evaluation of Mental Health Status and Quality of Life among Primary School Teachers in District Haripur
7	Bushra Kainat	MS-Public Health	Association of Nutrition Knowledge with Diet Quality and Nutritional Status among Pregnant Females at Ayub Medical Complex Abbottabad Khyber Pakhtunkhwa, Pakistan
8	Gulsanga	MS-Public Health	Assessment of the Diet Quality, Supplement Intake and Dietary Behavior in Young Women with Fibromyalgia in District Swabi, Khyber Pakhtunkhwa
9	Hazrat Umar Khan	MS-Public Health	Determination of Antibiotic Residue Level in Milk and Human Hazard Khyber Pakhtunkhwa
10	Sohail Idrees	MS-Public Health	Quality Assessment of Healthcare Services through Patient Experience in Hospitals of District Haripur
11	Mubasher Sharif	MS-Public Health	Determination of Vitamin A in edible Oil & Ghee Samples in District Haripur, Khyber Pakhtunkhwa
12	Mohammad Taqi Rezaee (Afghan National)	MS-Public Health	Determinants of Nutritional Status and Feeding Index among Children in Kabul Afghanistan
13	Noorullah Rahimi (Afghan National)	MS-Public Health	Analysis of Geospatial Inequalities and Malnutrition among Under-Five-Years Children in Afghanistan
14	Usman Asghar	MS-Public Health	Assessment of Lifestyle, Dietary Pattern and Quality of Life in the Patients of Nonalcoholic Fatty Liver Disease in the Community of District Haripur and Abbottabad
15	Maham Saeed	MS-Public Health	Nutrition Knowledge, Dietary Habits and Diet Quality Among University of Haripur Students
16	Muhammad Subhan Nazar	MS-Public Health	Effectiveness of Psycho-Education on Healthy Dietary Behavior and Mental Health of University Students: An Interventional Study
17	Safa Naseem	MS-Public Health	Evaluation of Psychological Distress and Nutrients Intake among Females of Reproductive Age with Polycystic Ovarian Syndrome
18	Muhammad Junaid	MS-Public Health	Psychosocial Distress and Quality of Life Among Kohistani Community Affected by Dasu Dam Development Induced Displacement
19	Baseer Ahmed Khan	MS-Public Health	Assessment of Infection Control Practices Among Oral Healthcare Providers: A Cross-Sectional Study
20	Abbas Ahmad	M.Phil.- Microbiology	Antibacterial Potential of Green Synthesized Silver Nanoparticles using Leaf Extract of Grewia Asiatica

EDITORIAL CONTRIBUTION (Editorial Board / Advisory Board / Reviewer)

ROLE	PERIOD	JOURNAL DETAILS
Member Editorial Board	2017-2021	RADS Journal of Pharmacy and Pharmaceutical Sciences , Jinnah University for Women, Karachi. ISSN (Print): 2521-8514 ISSN (Online): 2521-8484
Member Editorial Board	2024-date	Journal of Medical Analysis , Islamabad Pakistan, ISSN(Online) 3005-6543, ISSN(Print) 3005-6535
Member Editorial Board	2024-date	Planta Animalia , Pakistan.
Country Ambassador	2019-2020	Bentham Ambassador in Japan from Bentham Science Publishers
Member Advisory Board	2023-date	Pakistan Journal of Health Sciences . ISSN (Online): 2790-9352, ISSN (Print): 2790-9344
Member Advisory Board	2023-date	Diet Factor . ISSN (Online):2789-8105, ISSN (Print):2789-8091
Member Advisory Board	2023-date	Avicenna Journal of Medical Sciences . ISSN (Print): 2958-2733 ISSN (Online): 2958-2741
Academic Editor	2024-date	PLOS ONE
Reviewer	2024-date	Medical Oncology (Springer Nature)
Reviewer	2024-date	Naunyn-Schmiedeberg's Archives of Pharmacology (Springer Nature)
Reviewer	2023-date	Journal of Orthopaedic Surgery and Research (Springer Nature)
Reviewer	2020-date	Dose-Response: An International Journal Online ISSN: 1559-3258
Reviewer	2020-date	LGU Journal of Life Sciences
Reviewer	2021-date	Journal of Pharmacy and Pharmaceutical Sciences
Reviewer	2023-date	Frontiers in Pharmacology ISSN (Online): 1663-9812
Reviewer	2021-date	Viral Hepatitis Journal E-ISSN: 2147-2939
Reviewer	2024-date	National Journal of Life and Health Sciences ISSN (Online): 3006-5852
Reviewer	2024-date	QEIOS
Reviewer	2024-date	Frontiers in Public Health ISSN 2296-2565 (print), 2296-2565 (web)

PROFESSIONAL MEMBERSHIPS

- Founding Chairman Board of Governors and Life-Time member of [Aqeeq Foundation, Pakistan](#).
- Life-Time member of [Pakistan Biological Safety Association \(PBSA\)](#).
- Member of [International Epidemiological Association \(IEA\)](#) since June, 2023 till date.
- Member of [North Dakota Public Health Association](#), America since 28 July 2023 till date.
- Member of [International Society for Evolution, Medicine & Public Health](#) since 28 July 2023 till date.
- Member of [International Association of Public Health Logisticians](#) since August 2023.
- Global Outreach-Member of American Society for Microbiology since 2017.

SOCIAL WORK ACTIVITIES

- Institutional Ambassador of [Shaukat Khanum Memorial Cancer Hospital and Research Centre](#) at The University of Haripur for Year 2021.
- Associated with [Pakistan Eastern Medical Association](#) as Ex-President (2011-2015) and currently member (2015-till date).
- Participated in various cultural sharing activities via [Toyama Ikkayaka Friendship Students Association \(TIFSA\)](#) as President (2018-2019).
- Executive member of [Koshish Welfare Trust](#), Raiwind, Pakistan (2009-till date).
- Patron of [Public Health Society](#) at The University of Haripur, Pakistan.

- [Coordinator Social Work](#) at Department of Public Health, The University of Haripur since March 2022.
- Leading Aqeeq Foundation (NPO) teams to work on several [SDGs in Pakistan](#).
- Member of the [Corporate Advisory Committee](#), Bahria University Islamabad Campus since June, 2024.

WORKSHOPS/CERTIFICATIONS

2024

- Two-Days participation in [Burden of Disease Modeling Workshop](#) 13 CME hours held on July 04-05, 2024 organized by CITRIC Health Data Science Centre in collaboration with Department of Continuing Professional Education, The Agha Khan University, Karachi, Pakistan.
- One-Day workshop entitled “[Learning Workshop on Evidence Based Research leading to Policy Solutions](#)” held on July 03, 2024 jointly organized by Sustainable Development Policy Institute Pakistan and ORIC, The University of Haripur, Khyber Pakhtunkhwa, Pakistan.
- Two-Days participation in training on “[Patent Drafting, Filing and Management](#)” held on June 25-26, 2024 organized by ORIC, The University of Haripur, Khyber Pakhtunkhwa, Pakistan.
- Active Participation in the Project “[Developing and Strengthening Institutional Biosafety Committees in Pakistan](#)” conducted from October 2022 to March 2024, and delivered through a collaborative effort between the Pakistan Biological Safety Association, the Fogarty International Centre, NIH-USA, Chrome Biorisk Management, and the Xibios Biosafety Consulting.
- Three-Days training/workshop entitled “[Post Graduate Program review \(PGPR\), Institutional Performance Evaluation \(IPE\) and Self Assessment Awareness](#)” held on March 07-09, 2024 organized by Quality Enhancement Cell, The University of Haripur, Pakistan.
- One-Day workshop on [Principles of Effective Leadership and Management, Fogarty-AKUPI-NCD research Certification Course](#) 8 CME hours held on February 23, 2024 organized by Department of Medicine in collaboration with Department of Continuing Professional Education, The Agha Khan University, Karachi, Pakistan.
- Two-Days workshop on [Ethics in Biomedical Research, Fogarty-AKUPI-NCD research Certification Course](#) 16 CME hours held on February 21-22, 2024 organized by Department of Medicine in collaboration with Department of Continuing Professional Education, The Agha Khan University, Karachi, Pakistan.
- Two-Days workshop on [Data Analysis in NCDs Research, Fogarty-AKUPI-NCD research Certification Course](#) 16 CME hours held on February 15-16, 2024 organized by Department of Medicine in collaboration with Department of Continuing Professional Education, The Agha Khan University, Karachi, Pakistan.
- One-Day workshop on [Career Development, Fogarty-AKUPI-NCD research Certification Course](#) 7 CME hours held on February 19, 2024 organized by Department of Medicine in collaboration with Department of Continuing Professional Education, The Agha Khan University, Karachi, Pakistan.
- One-Day workshop on [Train the trainers on Mentorship, Fogarty-AKUPI-NCD research Certification Course](#) 6 CME hours held on February 20, 2024 organized by Department of Medicine in collaboration with Department of Continuing Professional Education, The Agha Khan University, Karachi, Pakistan.
- One-Day workshop on [ABC’s of Grant Writing, Fogarty-AKUPI-NCD research Certification Course](#) 8 CME hours held on February 14, 2024 organized by Department of Medicine in collaboration with Department of Continuing Professional Education, The Agha Khan University, Karachi, Pakistan.

2023

- Two-Days workshop on [Quest for Research Questions](#), held on December 21-22, 2023 at Khyber College of Dentistry, Peshawar organized by Department of Emergency Medicine in collaboration with Fogarty Agha Khan University Trauma and Injury Research Training Program (AKU-TIRTP), The Agha Khan University, Karachi, Pakistan.
- **Principal Organizer in** Two-Days workshop on [Health Data Analysis through STATA](#) held on October 10-11, 2023 organized by Department of Public Health and Nutrition, The University of Haripur, Pakistan.

- Two-Days training workshop on “[Nuts and Bolts of Research Administration](#)” held on August 31 – September 1, 2023 organized by Department of Medicine in collaboration with Department of Continuing Professional Education, The Agha Khan University, Karachi, Pakistan.
- One-Day workshop entitled “[Self Assessment Exercise](#)” held on January 01, 2023 organized by Quality Enhancement Cell, The University of Haripur, Pakistan.
- **Organizer in** One-Day International workshop on [Bacteriophage-based therapies for one health approach to combat infectious diseases and strategic meeting of Pakistan Society for Bacteriophages](#) held on October 10, 2023 organized by Department of Microbiology in collaboration with ORIC, The University of Haripur, Pakistan and Pakistan Society for Bacteriophages.

2022

- **Principal Organizer in** One-Day workshop on [Training on Key Concepts of Biosafety and Biosecurity \(Interactive Learning\)](#) held on December 08, 2023 organized by Biosafety Committee, The University of Haripur, Pakistan.

2021

- Two-Days workshop entitled “[International Training on Randomized Controlled Trials \(RCTs\)](#)” held on 23-24 September 2021 organized by COMSTECH Islamabad, Pakistan.
- One-Day workshop entitled “[Research Project Formulation and National/International Research Funding Opportunities](#)” held on September 21, 2021 organized by Quality Enhancement Cell, The University of Haripur, Haripur.
- Two-Days workshop entitled “[COMSTECH-ICCBS International Workshop on Chemical Safety & Security in Academics and Industrial Laboratories](#)” held on 24-25 August 2021 organized by COMSTECH Islamabad, Pakistan.
- Two-Days online workshop entitled “[Online Meeting on Recent Developments in Drug Discovery and Medicinal Chemistry](#)” held on 26-27 July 2021 organized by COMSTECH Islamabad, Pakistan.
- Cloud-based Hands-on workshop entitled “[Rational Computational Drug Design Approaches](#)” held on 15-16 June 2021 Co-organized by National University of Science & Technology – Pakistan, and Schrodinger – Germany.

2020

- Two-Days workshop entitled “[Project Formulation Workshop](#)” held on 10-11 September, 2020 organized by Quality Enhancement Cell, The University of Haripur in collaboration with Pakistan Science Foundation, Pakistan.

PUBLICATIONS (selected)

In-Process of Publication

- Health-Related Quality of Life and Health-Seeking Behavior in Female Cardiac Patients of District Headquarter Hospital Haripur, Pakistan: A Cross-Sectional Study. (Submission in PLOS One)
- Effectiveness of Psycho-Education on Healthy Dietary Behavior and Mental Health of University Students: An Interventional Study. (in process of submission)
- Evaluation of Health-Related Quality of Life among Patients with Chronic Obstructive Pulmonary Disease at District Headquarter Hospital Haripur, Pakistan: A Cross-Sectional Study. (submitted in Clinical Epidemiology and Global health)
- Assessment of Health-Related Quality of Life in Patients with Kidney Disease at Ayub Medical Complex, Abbottabad, Pakistan: A Cross-Sectional Study. (submitted in Canadian Journal of Kidney Health and Disease)
- Assessment of Health-Related Quality of Life and its associated factors among pregnant women in District Headquarter Hospital Haripur Pakistan: A Cross-Sectional Study. (submitted in Health Journal)
- Assessment of Patient Experience and Satisfaction in Hospitals of District Haripur, Pakistan: A Cross-Sectional Study on Provision of Quality Healthcare Services. (in process of submission)
- Evaluation of Impact of Dietary Choices on Adolescent Mental Health and Quality of Life: A Cross-Sectional

Study in Haripur, Pakistan. (submitted in American Journal of Lifestyle Medicine)

2024

1. Rezaee MT, **Zakki SA**, Haq Iul, et al. Cross-sectional study of determinants of undernutrition among children aged 6–36 months in Kabul, Afghanistan. *BMJ Open* 2024;14:e079839. doi:10.1136/bmjopen-2023-079839.
2. Ateeb M, Haq Iul, **Zakki SA**, et al. Assessment of the understanding and awareness of bioethics among healthcare professionals in all public and private hospitals of Haripur district, Pakistan: a multicentre cross-sectional study. *BMJ Open* 2024;14:e083521. doi:10.1136/bmjopen-2023-083521.
3. Ijaz ul Haq, Zafar Mehmood, Majid Tahir, **Shahbaz Ahmad Zakki**, kalsoom Siddiq, Jielian Xu, & Shengru Wang. (2024). Risk Factors of Wasting-Based Malnutrition in the Flood-Affected Areas of Pakistan: A Cross-Sectional Study *Ecology of Food and Nutrition*. 1–12. <https://doi.org/10.1080/03670244.2024.2361250>.
4. Mengling Li, Jibrán Sualeh Muhammad, Qing-Li Zhao, **Shahbaz Ahmad Zakki**, Yusuke Hiraku, Hideki Hatta, Xiaopeng Tong, Zheng-Guo Cui, Chengai Wu. Protective effects of baicalin against Phenylarsine oxide-induced cytotoxicity in human skin keratinocytes. *Bioorganic Chemistry*. Available online 6 June 2024, 107535. <https://doi.org/10.1016/j.bioorg.2024.107535>.
5. Sajjad Ali, Abdul Mueed, Muhammad Jahangir, Shehla Sammi, **Shahbaz Ahmad Zakki**, Ammad Amin, Khurshid Anwar, Anam Ayoub, Pengfei Li, Rana Faisal, Qasim Ali, Musfira Akram, Sheeraz Ahmad, Muhammad Riaz, Huaiji Zheng. Evolution of olive farming, industry, and usage in Pakistan: A comprehensive review. *Journal of Agriculture and Food Research*. 2024, 101091. <https://doi.org/10.1016/j.jafr.2024.101091>.

2023

1. Majid Ali Tahir, Mumtaz Ali Khan, Aamer Ikram, Tamoor Hamid Chaudhry, Afreenish Amir, Muhammad Tahir, Ijaz Ul Haq, **Shahbaz Ahmad Zakki**, Arslan Salam, Sidra Wali, Wasay Munir, Muhammad Salman. Coordination strategies and concept of operations implemented during activation of public health emergency operations center for COVID-19 response in Pakistan. *Scientific Reports*. **13**, 1, 18831 (2023). <https://doi.org/10.1038/s41598-023-46234-5>.
2. Muhammad Ateeb, Muhammad Asif, Ijaz ul Haq, Muhammad Subhan Nazar, Muhammad Junaid, **Shahbaz Ahmad Zakki**. Prevalence and Determinants of Female Infertility in Rahim Yar Khan, Pakistan: A Case-Control Study. *RADS Journal of Pharmacy and Allied Health Sciences*. 2023; 1(2):39-51.
3. **Shahbaz Ahmad Zakki**, Waseem Abbas, Muhammad Subhan Nazar, Ahmad Umar, Ijaz ul Haq, Muhammad Junaid, Muhammad Ahtsham Tariq. Evaluation of Hypertension Awareness Among General Population in Bahawalpur, Pakistan: A Cross Sectional Study. *International Journal of Pharmacy & Integrated Health Sciences*. Volume: 4, Issue: 1, 2023. 100-117. DOI: <https://doi.org/10.56536/ijpihs.v4i1.60>.
4. Rabia Khalid, Muhammad Subhan Nazar, **Shahbaz Ahmad Zakki**, Ehtisham Altaf, Asim Raza, Maham Saeed and Madiha Khalid. Impact of Poverty on Secondary School Academic Achievement among Girls in District Faisalabad, Pakistan; A cross sectional study. *Pakistan Biomedical Journal*. Volume 6, Issue 2, February 2023. doi.org/10.54393/pbmj.v6i02.846.
5. Rizwan Asif, Muhammad Hussnain Siddique, Sumreen Hayat, Ijaz Rasul, Habibullah Nadeem, Muhammad Faisal Muhammad Waseem, **Shahbaz Ahmad Zakki**, Abdelghani Zitouni and Saima Muzammil. Efficacy of Saccharothrix algeriensis NRRL B-24137 to suppress Fusarium oxysporum f.sp. vasinfectum induced wilt disease in cotton. *Peer J*. 2023. 1-21. DOI 10.7717/peerj.14754.

2022

1. Muhammad Ijaz ul Haq, Xiang He, Abdul Majid Mujahid, Hira Ibrahim, Zafar Mehmood, Jahan Shah, Bilal Ahmed, Amjad Khan, **Shahbaz Ahmad Zakki**, Ihtisham Ul Haq, Muhammad Shahzad, Javed Muhammad, Jielian Xu, Saeed Ahmed, Muhammad Sohail, and Jing Miao. Preparedness to Combat Determinants of Underweight-Based Child Malnutrition in Flood-Affected Areas of Pakistan. *BioMed Research*

International. Volume 2022, Article ID 6464901, 1-10. <https://doi.org/10.1155/2022/6464901>.

2. Asim Raza, **Shahbaz Ahmad Zakki**, Malik Muhammad Yasin Awan, Ijaz ul Haq, Raheela Kousar, Kinza Shabbir. An Epidemiological Hospital Based Matched Case-Control Study to Assess the Determinants of Catheter Associated Urinary Tract Infections. *Journal of Xi'an Shiyou University, Natural Science Edition*. Volume 18, Issue 8, August 2022, 391-400.
3. Abbas Ahmad, Muhammad Subhan Nazar, Karim Ullah, Javed Muhammad, **Shahbaz Ahmad Zakki**. Epidemiology of Hepatitis C Virus in District Swat, Khyber Pakhtunkhwa Pakistan. *International Journal of Natural Medicine and Health Sciences*. Volume 1(4) September 2022, 6- 11.

2021

1. Muhammad Subhan Nazar, Adnan Khan, Shah Khalid, Karimullah, Abbas Ahmad, Memoona, **Shahbaz Ahmad Zakki**. Epidemiology of Diabetes Mellitus in Urban and Rural Areas of District Swat Khyber Pakhtunkhwa Pakistan; A Cross-Sectional Study. *Avicenna Journal of Medical Sciences*. Volume 1, Issue 1, 2021. 1-5.
2. Muhammad Bilal, Saeed Ahmad, Tayyeba Rehman, Aymen Owais Ghauri, Sana Khalid, Waheed Mumtaz Abbasi, and Shahbaz Ahmad Zakki. Anti-Hyperuricemic and Uricosuric Potential of Berberis vulgaris in Oxonate-Induced Hyperuricemic Rats. *Dose-Response: An International Journal*, July-September 2021: 1-6. DOI: 10.1177/15593258211040329.
3. A Khan, MH Mushtaq, J Muhammad, B Ahmed, EA Khan, **SA Zakki**, E Altaf, I Haq, A Saleem, MA Warraich, N Ahmed, AA Rabaan. Global epidemiology of Equine Influenza viruses; "A possible emerging zoonotic threat in future" an extensive systematic review with evidence. *Brazilian Journal of Biology*, 2021, vol. 83.
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5. I. ul Haq, Z. Mehmood, T. Afzal, N. Khan, B. Ahmed, Nawsherwan, L. Ali, A. Khan, J. Muhammad, E. A. Khan, J. Khan, **S. A. Zakki**, J. Xu and Y. Shu. Prevalence and determinants of stunting among preschool and school-going children in the flood-affected areas of Pakistan. *Brazilian Journal of Biology*, 2021, vol. 82, e249971. <https://doi.org/10.1590/1519-6984.249971>.
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7. Asmatullah Khan, Muhammad Akram, Muthu Thiruvengadam, Muhammad Daniyal, **Shahbaz Ahmad Zakki** et al., Anti-anxiety Properties of Selected Medicinal Plants. *Current Pharmaceutical Biotechnology*, 2021, 22, 1-20.

2020

1. Rizwan Asif, Muhammad Hussnain Siddique, **Shahbaz Ahmad Zakki** et al., Saccharothrix Algeriensis NRRL B-24137 Potentiates Chemical Fungicide Carbendazim in Treating Fusarium Oxysporum f.sp. Vasinfectum-Induced Cotton Wilt Disease. *Dose-Response*, July-September 2020:1-9.
2. Muhammad Akram, Muhammad Riaz, Abdul Wadood Chishti Wadood, Ali Hazrat, Muhammad Mukhtiar, **Shahbaz Ahmad Zakki**, Muhammad Daniyal, Mohammad Ali Shariati, Fahad Said Khan & Rida Zainab (2020) Medicinal plants with antimutagenic potential, *Biotechnology & Biotechnological Equipment*, 34:1, 309-318, DOI: 10.1080/13102818.2020.1749527.
3. MA Chishti, E Mohi-Ud-Din, **SA Zakki**, MR Aslam, et al., Antibacterial and Toxicity Evaluation of Eastern Medicine Formulation Eczegone for the Management of Eczema. *Dose-Response* 18 (3), 2020.
4. **Shahbaz Ahmad Zakki**, Jibran Sualeh Muhammad, Jin-Long Li, Lu Sun, Meng-Ling Li, Qian- Wen Feng, Yu-Lin Li, Zheng-Guo Cui, Hidekuni Inadera. Melatonin triggers the anticancer potential of Phenylarsine Oxide via induction of apoptosis through ROS generation and JNK activation. 2020, *Metallomics* DOI: 10.1039/C9MT00238C.

2019

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2. Qian-Wen Feng, Zheng-Guo Cui, Yu-Jie Jin, Lu Sun, Meng-Ling Li, **Shahbaz Ahmad Zakki**, De-Jun Zhou, Hidekuni Inadera. Protective effect of dihydromyricetin on hyperthermia-induced apoptosis in human myelomonocytic lymphoma cells. *Apoptosis* 2019 Jan 25. DOI: 10.1007/s10495-019-01518-y.

2018

1. Jin-Lan Piao, Yu-Jie Jin, Meng-Ling Li, **Shahbaz Ahmad Zakki**, Lu Sun, Qian-Wen Feng, Dejun Zhou, Takashi Kondo, Zheng-Guo Cui, Hidekuni Inadera. Excessive oxidative stress in the synergistic effects of shikonin on the hyperthermia-induced apoptosis. *Current Molecular Medicine* 2018, 18, 322-334.
2. **Shahbaz Ahmad Zakki**, Zheng-Guo Cui, Lu Sun, Qian-Wen Feng, Meng-Ling Li, Hidekuni Inadera. Baicalin Augments Hyperthermia-Induced Apoptosis in U937 Cells and Modulates the MAPK Pathway via ROS Generation. *Cell Physiol Biochem* 2018; 45: 2444-2460. DOI: 10.1159/000488263.
3. Lu Sun, Zheng-Guo Cui, **Shahbaz Ahmad Zakki**, Qian-Wen Feng, Meng-Ling Li, Hidekuni Inadera. Mechanistic study of nonivamide enhancement of hyperthermia-induced apoptosis in U937 cells. *Free Radical Biology and Medicine* 120 (2018) 147–159. <https://DOI.org/10.1016/j.freeradbiomed.2018.03.017>.

2017

1. Mushtaq Ahmad, Ghazala Shaheen, Saeed Ahmad, Muhammad Akram, Syed Muhammad Ali Shah and **Shahbaz Ahmad Zakki**. Clinical efficacy of Unani medicine Renax for treatment of Urolithiasis. *Pak. J. Pharm. Sci.*, Vol.30, No.5(Suppl), September 2017, pp.2003-2006.
2. Zheng-Guo Cui, Yu-Jie Jin, Lu Sun, **Shahbaz Ahmad Zakki**, Meng-Ling Li, Qian-Wen Feng, Takashi Kondo, Ryohei Ogawa, Hidekuni Inadera. Potential hazards of fenvalerate in massive pollution influence the apoptosis sensitivity. *J Appl Toxicol*. 2017; 1-8. <https://DOI.org/10.1002/jat.3517>.

2016

1. **Shahbaz Ahmad Zakki**, Rabia Qureshi, Areeba Hussain, Wasif Ghias, Musarrat Sharif, Farheen Ansari. “Microbial quality evaluation and prevalence of bacteria and fungus in different varieties of chicken meat in Lahore”. *J Pharm Pharmac Sci* ISSN 2311-4673 Vol 4 (1), December 2016; 65-74.
2. Musarra Sharif, Maham Yazdani, Zonash Almas, Wasif Ghias, Rabia Qureshi, **Shahbaz Ahmad Zakki**, Farheen Ansari, Mahmood Hussain Qazi. “Bacillus species found antagonistic against bacteria isolated from currency notes in local circulation”. *Biomedical Letters* Vol 2 (2), 2016; 86-90.
3. Areeba Hussain, **Shahbaz Ahmad Zakki**, Rabia Qureshi. “Epidemiological Study Of Dermatophytosis In Okara, Pakistan”. *J Pharm Pharmac Sci* ISSN 2311-4673 Vol 4 (1), June 2016; 184-187.

2015

1. **Shahbaz Ahmad Zakki**, Rabia Qureshi, Areeba Hussain, Maham Yazdani. “Antibacterial activity of antibiotics, herbal extracts and commercially available essential oils and studies leading to shelf-life extension of chicken meat”. *J Pharm Pharmac Sci* ISSN 2311-4673 Vol 3 (1), June 2015; 44-53.

CONFERENCES AND SEMINARS

2024

- Participated as **Judge in Poster Competition** in *International Conference on Health Research 2024* held on April 26-28, 2024 at Rehman Medical Institute, Peshawar, Pakistan.

2023

- Participated as **Session Chair** in *International Conference on Health Research 2023* held on June 20-22, 2023 at Rehman Medical Institute, Peshawar, Pakistan.

- Participated in [International Conference on Health Research 2023](#) 12 CME hours held on June 20-22, 2023 at Rehman Medical Institute, Peshawar, Pakistan.
- **Principal Organizer in** One-Day seminar on [Awareness and Training Session on Breast Cancer](#) held on October 24, 2023 organized by Department of Public Health and Nutrition, The University of Haripur, Pakistan.
- **Organizer in** Two-Days [International Hala Stakeholder's Conference, Challenges and Opportunities in Halal Sector](#) held on October 16-17, 2023 organized by Department of Food Science and Technology, The University of Haripur, Pakistan.

2022

- **Principal Organizer in** One-Day awareness seminar on [Benefits of Food Safety & Edible Oil Fortification, and their Impact on Reducing Vitamin A & D Deficiencies in Pakistan](#). held on October 25, 2022 organized by Department of Public Health and Nutrition, The University of Haripur, Pakistan.

2021

- One-Day Online webinar entitled "[International webinar on a Way Forward to Food Quality and Safety](#)" held on 23rd June 2021 organized by Pakistan Agriculture Scientist Forum, Pakistan.
- **Principal Organizer** of International webinar entitled "[Cancer Awareness and Prevention](#)". 10th February, 2021. Department of Public Health and Nutrition, The University of Haripur, Pakistan.
- Attended a webinar in the series of workshop on Scientific Writing entitled "[Reference Management Softwares](#)" held on 24th May 2021 organized by IUB-Publication Society Islamia University of Bahawalpur, Pakistan.
- **Zakki SA.** 1st Online Conference on [Integrative Pregnancy](#), held on January 21, 2021 organized by European Medical Association.
- Participated in a webinar entitled "[SARC-COV-2 and its management through natural sources](#)" held on January 09, 2021 organized by Department of Eastern Medicine, Jinnah University for Women, Karachi in collaboration with Islamia University of Bahawalpur, Pakistan.

2020

- **Invited Speaker** in Hands-on practice on Mendeley in a workshop entitled "[Effective Research Methodology and Manuscript Writing in Medical Sciences](#)" held on 21-25 September 2020 at Khwaja Farid Campus organized by UCCM, Islamia University of Bahawalpur, Bahawalpur, Pakistan.
- **Organizer** of Seminar entitled "[Novel Corona Virus-2019 Assessment & Preventive Measures](#)" held on 27th February, 2020 organized by Department of Medical Lab Technology, Microbiology & Public Health, The University of Haripur, Haripur in collaboration with PBSA, Pakistan.
- **Organizer** of Seminar entitled "[Role of translational Research in Integrative Medicine for Better Healthcare](#)" held on 2nd January, 2020 organized by Department of Public Health in collaboration with Department of Microbiology, The University of Haripur, Haripur, Pakistan.

2019

- **Invited Guest Speaker** in 1st Prof. Dr. Usmanghani Khan's Memorial International Seminar entitled "[Research Innovations in Eastern Medicine; A Desirable Strategy for Sustainable Development in Healthcare Provision](#)" held on 30th December, 2019 organized by BEMS Medical Association Pakistan in collaboration with University College of Conventional Medicine, The Islamia University of Bahawalpur, Bahawalpur, Pakistan.

2018

- Cui ZG, Piao JL, Li ML, Sun L, **Zakki SA**, Inadera H. Excessive oxidative stress in the synergistic effects of shikonin on the hyperthermia-induced apoptosis. [The 88th Academic Conference of The Japanese Society for](#)

Hygiene; March, 2018, Tokyo, Japan. P1-32.

- Li ML, Cui ZG, **Zakki SA**, Feng QW, Sun L, Inadera H. [AlCl3 induces chemotherapy resistance against 5-FU in human hepatocellular carcinoma cell line HepG2](#). The 88th Academic Conference of The Japanese Society for Hygiene; March, 2018, Tokyo, Japan. P2-14.
- Feng QW, Cui ZG, Jin YJ, Sun L, Li ML, **Zakki SA**, Kondo T, Inadera H. [Protective effects of dihydromyricetin on hyperthermia-induced apoptosis in Human Myelomonocytic lymphoma U937 cells](#). The 88th Academic Conference of The Japanese Society for Hygiene; March, 2018, Tokyo, Japan. P1-11.

2017

- **Zakki SA**, Cui ZG, Sun L, Li ML, Feng QW, Inadera H. [Baicalin enhanced hyperthermia- induced apoptosis with involvement of MAPK pathway](#). The 34th Academic Conference of The Japanese Society of Thermal Medicine; September, 2017, Kyoto, Japan. P4.
- Sun L, Cui ZG, **Zakki SA**, Feng QW, Inadera H. [Mechanistic study of Nonivamide enhancement of hyperthermia-induced apoptosis in U937 cells](#). The 34th Academic Conference of The Japanese Society of Thermal Medicine; September, 2017, Kyoto, Japan. P5.
- Feng QW, Cui ZG, Jin YJ, Sun L, Li ML, **Zakki SA**, Kondo T, Inadera H. Protective effects of dihydromyricetin on hyperthermia-induced apoptosis in Human Myelomonocytic lymphoma U937 cells. [The 34th Academic Conference of The Japanese Society of Thermal Medicine](#); September, 2017, Kyoto, Japan. P3.
- **Zakki SA**, Cui ZG, Sun L, Feng QW, Inadera H. [Synergistic effects of Baicalin and hyperthermia in induction of apoptosis and its underlying mechanism in U937 cells](#). The 87th Academic Conference of The Japanese Society for Hygiene; March, 2017, Miyazaki, Japan. P2-35.
- Sun L, Cui ZG, **Zakki SA**, Feng QW, Inadera H. Mechanistic study of Nonivamide enhancement of hyperthermia-induced apoptosis in U937 cells. [The 87th Academic Conference of The Japanese Society for Hygiene](#); March, 2017, Miyazaki, Japan. P2-36.
- Cui ZG, **Zakki SA**, Sun L, Feng QW, Jin YJ, Inadera H. Enhancement of hyperthermia-induced apoptosis by Nonivamide and its molecular mechanism. [The 16th Molecular Prevention and Environmental Medicine Study Group](#); February 26-28, 2017, Kumamoto, Japan.

2016

- Cui ZG, Jin YJ, Sun L, **Zakki SA**, Feng QW, Inadera H. Withaferin A synergistically enhances apoptosis induced by hyperthermia, implication for cancer therapy. [The 8th National Annual Convention of the Philippine Society for Developmental Biology](#). 2016 Oct 22; Manila.
- Cui ZG, Jin YJ, Sun L, **Zakki SA**, Inadera H. The changes on the apoptosis sensitivity induced by low dose fenvalerate exposure. [The 7th Philippine Society for Cell Biology Annual National and 1st International Convention and Scientific Meeting](#). 2016 Oct 20-21; Manila.

EDUCATIONAL BACKGROUND

PhD	Medical Sciences (Public Health) 2015-2019 (Grade A) Department of Public Health, University of Toyama, Japan
Thesis Title	Baicalin Augments Hyperthermia-Induced Apoptosis in U937 Cells and Modulates the MAPK Pathway via ROS Generation
PG-Dip	Post Graduate Diploma in Applied Psychology (continue) Virtual University Pakistan
M. Phil	Microbiology 2012-2014 (Grade A) Institute of Molecular Biology & Biotechnology, The University of Lahore, Pakistan
Thesis Title	Microbial Analysis of Chicken Meat and Studies Leading to Shelf Life Extension

BS	Bachelor of Eastern Medicine & Surgery 2003-2008 (Grade A) University College of Conventional Medicine, The Islamia University of Bahawalpur, Pakistan
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REFERENCES

1. Professor Anwar Ul Hassan Gilani
Former Vice Chancellor,
The University of Haripur, Pakistan
Email: ahgilani5@gmail.com
Tel: +92-300-2968904
2. Professor Shahzad Ali Khan
Vice Chancellor,
Health Services Academy, Islamabad, Pakistan
Email: shahzad@hsa.edu.pk
Tel: +92-343-5252522
3. Professor Babar Tasneem Shaikh
Professor,
Health Services Academy, Islamabad, Pakistan
Email: shaikh.babar@gmail.com
Tel: +92-333-2303403