



CERTIFICATE IN HEALTH RESEARCH

■ AIM

To equip health professionals, particularly those in education, with comprehensive skills in health research, fostering their ability to conduct and guide innovative, ethical, and impactful research in the field of health and education.

■ RATIONALE

This Certificate in Health Research program recognizes the dynamic nature of health research and the diverse needs of health professionals. By offering dual pathways, we cater to those seeking hands-on research experience and those desiring advanced theoretical knowledge. The curriculum is designed to empower educators and researchers with practical skills and in-depth understanding, fostering leaders who can drive meaningful advancements in health research and education.

■ TARGET AUDIENCE

Medical, dental, and allied health professionals and educators with 16 years of education.

■ PROGRAM OUTCOME

By the end of the program, the students will be able to:

- Conduct comprehensive literature reviews and critically analyze research.
- Design and execute qualitative and quantitative health research projects robustly.
- Apply ethical principles and adhere to legal requirements in health research.
- Utilize advanced biostatistical methods and interpret data effectively.
- Communicate research findings clearly to academic and professional audiences.
- Write effective research proposals and grant applications to secure funding.
- Lead and manage research teams, fostering collaborative research environments.

■ PROGRAM STRUCTURE

The Certificate in Health Research program at Education Unlimited is a meticulously crafted, six-month intensive course, designed with scientific rigor and a commitment to academic excellence. It comprises five cutting-edge modules, with the first three months dedicated to building a robust foundation in health research methodologies. The program goes beyond traditional learning, offering interactive workshops, live seminars, and dynamic discussion forums, ensuring an engaging, participatory, and real-world applicable learning experience. As students progress, they have the option to engage in a groundbreaking research project or delve deeper into advanced research concepts and professional development, facilitated by our user friendly online Learning Management System (LMS). This platform enhances the learning journey with interactive content, real-time collaboration, and personalized learning paths, setting new benchmarks in online education.

It shall total a cumulative of 06 credit hours distributed as follows

Mandatory Modules

- M I: Foundations of Health Research
- M II: Basic Research Techniques
- M III: Research Application & Dissemination

Optional Modules

Pathway I

- M IV: Advanced Research Techniques
- M V: Leadership & Innovation in Research

Pathway II

- M VI: Research Project

The program will be offered bi-annually, Spring and Fall batches, with each hosting a cohort of a maximum of thirty (30) students.

■ ASSESSMENT POLICY

Low-stake summative assessment on completion of each module and a comprehensive end of term exit exam. The submitted assignments will also carry a weightage in the final score.



SPEAKERS



Dr. Shiraz Shaikh
JSMU, Karachi



Dr. Syed A. Aziz
University of Ottawa,
Canada



Dr. Sumera Saeed
Sir Syed College of
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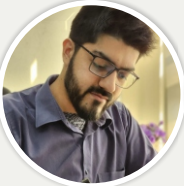
Dr. Sadaf Saleem
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Dr. Komal Atta
The University of Faisalabad



Dr. Beenish Shah
United Medical & Dental
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Dr. Daniyal Malik
PAF Hospital Islamabad



Dr. Adnan Butt
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COURSE CONTENTS

Module I: Foundations of Health Research

- Introduction to Health Research:
Overview of health research paradigms and methodologies.
- Literature Review and Synthesis:
Techniques for conducting and synthesizing literature reviews.
- Research Design and Methodology:
Basics of designing research study, including qualitative & quantitative methods

Module II: Basics Research Techniques

- Data Collection Strategies:
Methods and tools for effective data collection in health research.
- Biostatistics and Data Analysis:
Introduction to biostatistics and techniques for analyzing health data.
- Quantitative Research Methods:
Exploration of quantitative research techniques and statistical analyses.
- Qualitative Research Methods:
In-depth study of qualitative research techniques and their applications.

Module III: Research Application and Dissemination

- Developing Research Proposals:
Skills for crafting compelling research proposals.
- Research Ethics and Legalities:
Ethical considerations and legal aspects in health research.
- Publishing and Presenting Research Findings:
Strategies for publishing research and presenting findings in academic forums.

Module IV: Advanced Research Techniques

- Systematic Reviews and Meta-Analysis:
Understanding and application of systematic reviews and meta-analysis
- Advanced Biostatistical Applications:
Delving deeper into complex statistical methods used in health research.
- Innovations in Health Technology Research:
Exploring the role of emerging technologies in health research.

Module V: Leadership & Innovation in Research

- Effective Communication in Health Research:
Skills for communicating research findings to various audiences.
- Leadership and Management in Research Teams:
Building and managing effective health research teams.
- Navigating Research Funding and Grants:
Strategies for identifying and securing funding for health research.

For More details on Registration Contact

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