

Dr. Ayyaz Ahmed

Seasoned Clinician | Medical Educator | Research Scholar

PhD (Reproductive Physiology, 2026) | MCPS (Family Medicine) | HOD
Physiology, MIMC



Professional Dossier
2026 Edition

Executive Profile: 25 Years of Integrated Healthcare Leadership

A multidisciplinary career bridging patient care, academic governance, and physiological research.



25 Years Clinical Practice

- Specialization: Family Medicine & Psychiatry
- Expertise: Community Health & Emergency Care



17 Years University Teaching

- Professor & Head of Department (Physiology)
- Certified in Health Profession Education (CHPE)



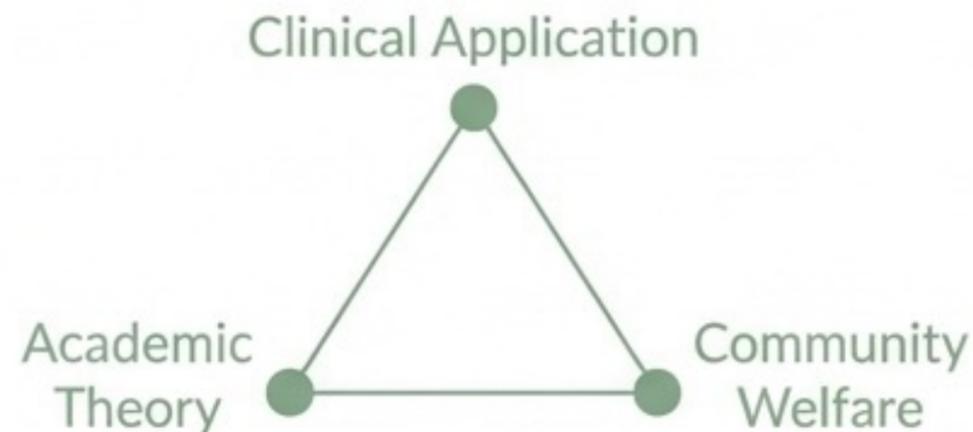
PhD Scholar (Quaid-i-Azam University)

- 17+ Publications in National & International Journals
- Focus: Reproductive Physiology & Public Health

“Committed to excellence in patient care, medical education, and research.”

Professional Philosophy & Objective

A dedicated medical professional bridging the gap between clinical application and academic theory. Passionate about community care and guiding the next generation of medical students within dynamic, forward-thinking healthcare organizations.



“Aligned with the vision of Mohi-ud-Din Islamic University (MIU): producing a highly educated class of people committed to the cause of well-being and prosperity of mankind.”



Pillar I: Clinical Mastery & Family Medicine

23+ Years of boots-on-the-ground experience.



Core Competencies

- Psychiatry Training:** Specialized 3-year tenure enhancing patient management skills.
- Emergency Care:** Extensive night duty and ER experience.
- Community Focus:** Deep reputation within the patient community in Mirpur & Islamabad.

Pillar II: Academic Leadership & Governance

Professor & HOD Physiology

Mohi-ud-Din Islamic Medical College (MIMC) | Since March 2020



Academic Council
& Promotion Board
Member



Chairman,
Research & Ethics
Committee



Curriculum Planning
& Timetable
Construction

Leading the Faculty of Health and Medical Sciences in physiology education.

Responsible for departmental governance, faculty development, and ensuring alignment with the rigorous standards of MIU.

Pedagogical Expertise & Modern Methodology

Transitioning from passive lectures to active learning.

Certifications

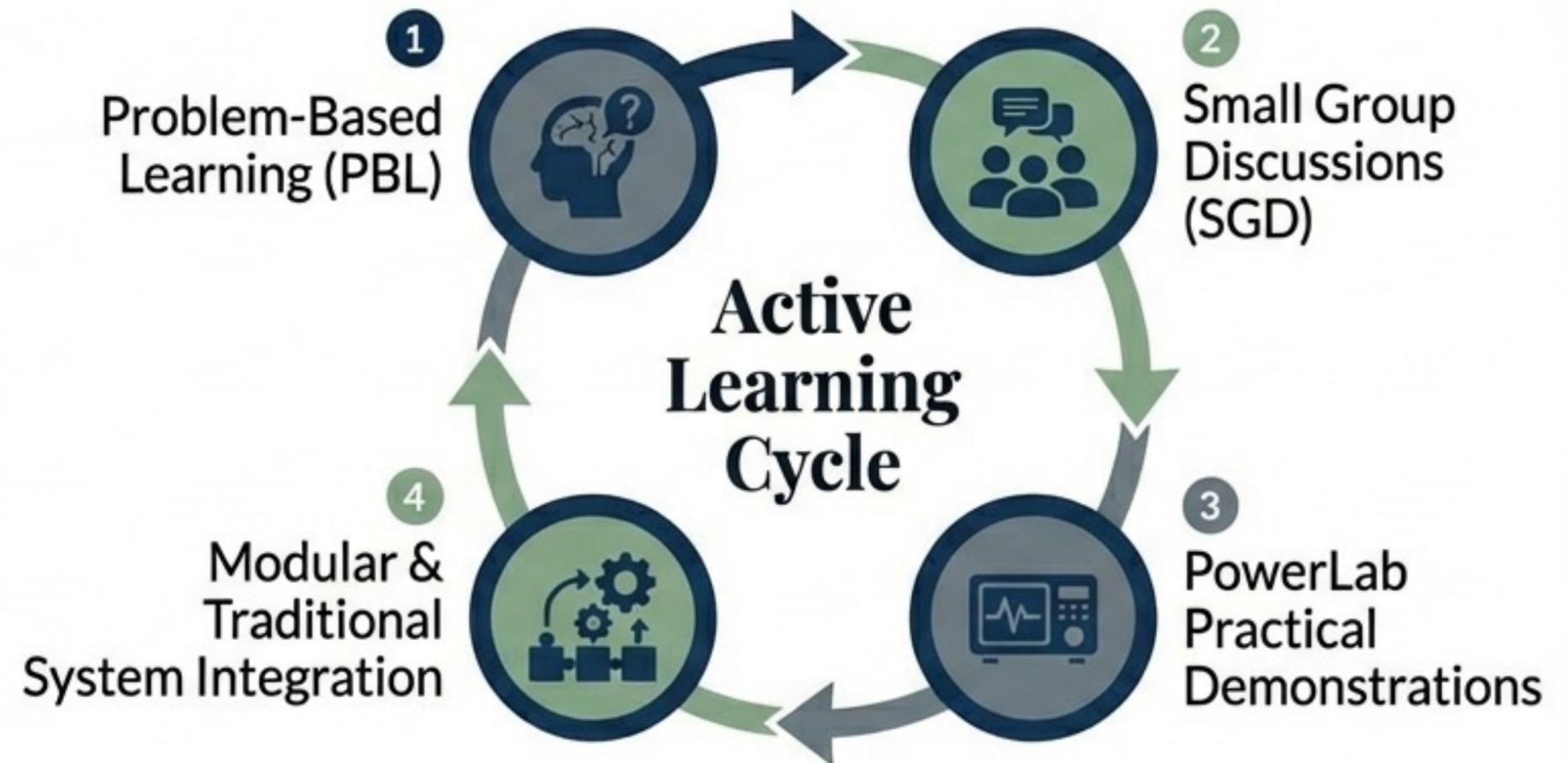


Certificate in Health Profession Education (CHPE, 2025)



PGD in Professional Ethics & Teaching Methodology.

Modalities & Techniques

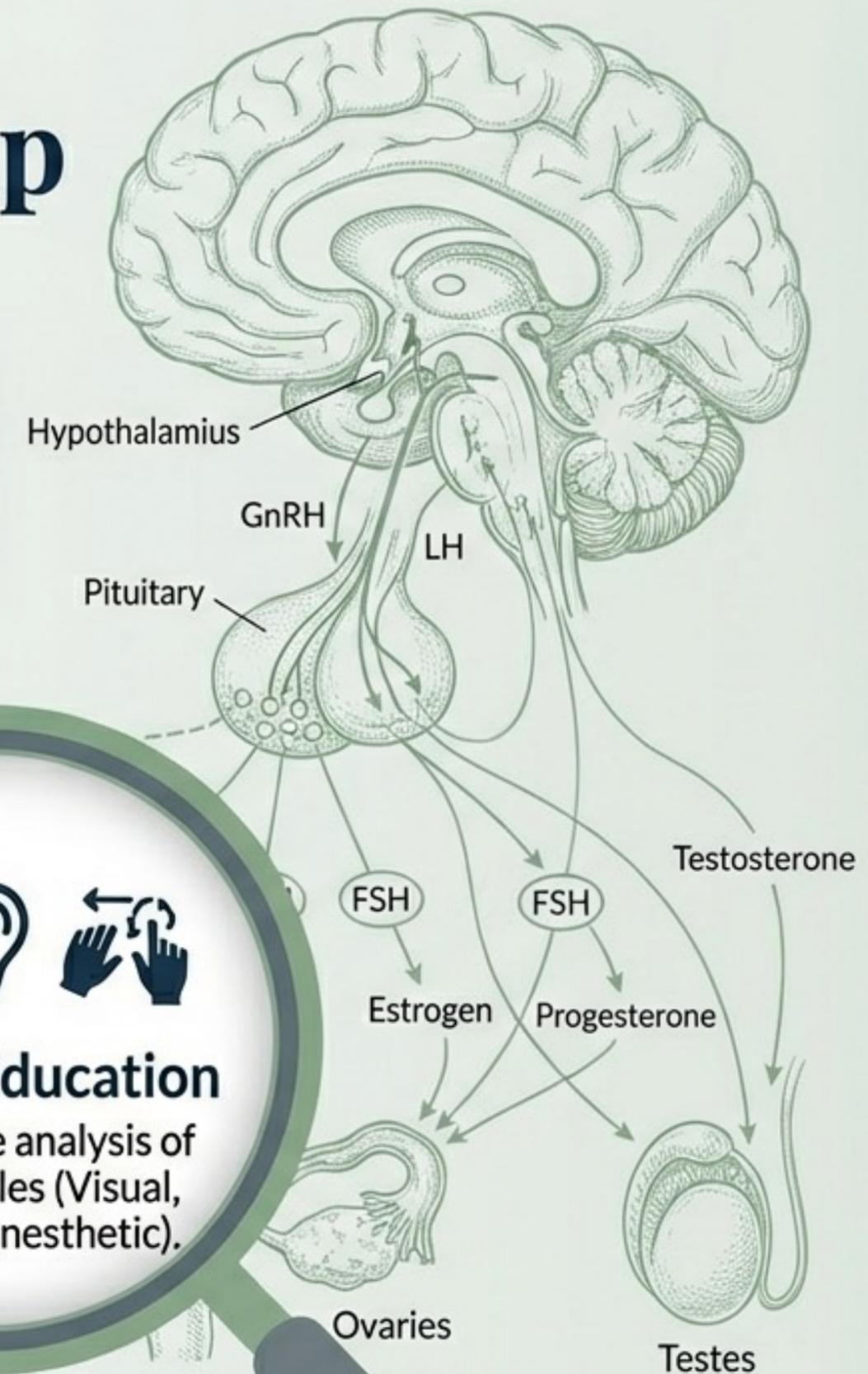


Proficiency in both Modular and Traditional educational frameworks.

Pillar III: Research & Scholarship

Academic Apex: PhD in Reproductive Physiology

Quaid-i-Azam University, Islamabad (2026)



Reproductive Health
COVID-19 impact on reproductive hormones & Vitamin D antagonism.

Public Health
Sleep habits, stress, and cortisol levels in university students.

Medical Education
Comparative analysis of learning styles (Visual, Auditory, Kinesthetic).

Selected Publications & Impact

Reproductive health in males recovered during past one year from COVID-19

*Archives of Endocrinology
(In Progress)*

Investigating long-term effects of COVID-19 recovery on male reproductive parameters and hormonal balance.

Vitamin D receptor antagonism on RNA expression of reproductive hormones

Rawal Medical Journal

Exploring the molecular mechanisms of vitamin D receptor interactions and their impact on reproductive hormone synthesis.

Modulation of diet-induced vitamin D deficiency.... in adult male rats

Andrologia (Impact Factor Journal)

Assessing the effects of dietary interventions on vitamin D deficiency and reproductive health markers in an animal model.

Identification and comparison of learning style in health Professionals

JIMC

A comparative study analyzing preferred learning modalities among various health professionals for educational optimization.

Risk of development of stress in university students

Rawal Medical Journal

Evaluating prevalence and risk factors contributing to stress among university student populations.

Also published in: KMUJ, Pakistan Journal of Physiology, TPM (Psychometrics).

Global & Local Scientific Engagement



**Key Presentation: “Enhancing Learning in Physiology:
A Comparison of Lectures, Puzzles, and Case-Based Learning”**

Technical Proficiency & Administrative Skills

Digital & Analytic Tools



SPSS
(Statistical Analysis)



PowerLab
(Physiology)



MS Office Suite

Proficient in advanced statistical analysis using SPSS, real-time physiological data acquisition and analysis with PowerLab systems, and comprehensive utilization of the Microsoft Office Suite for professional documentation, presentations, and data management.

Editorial & Governance



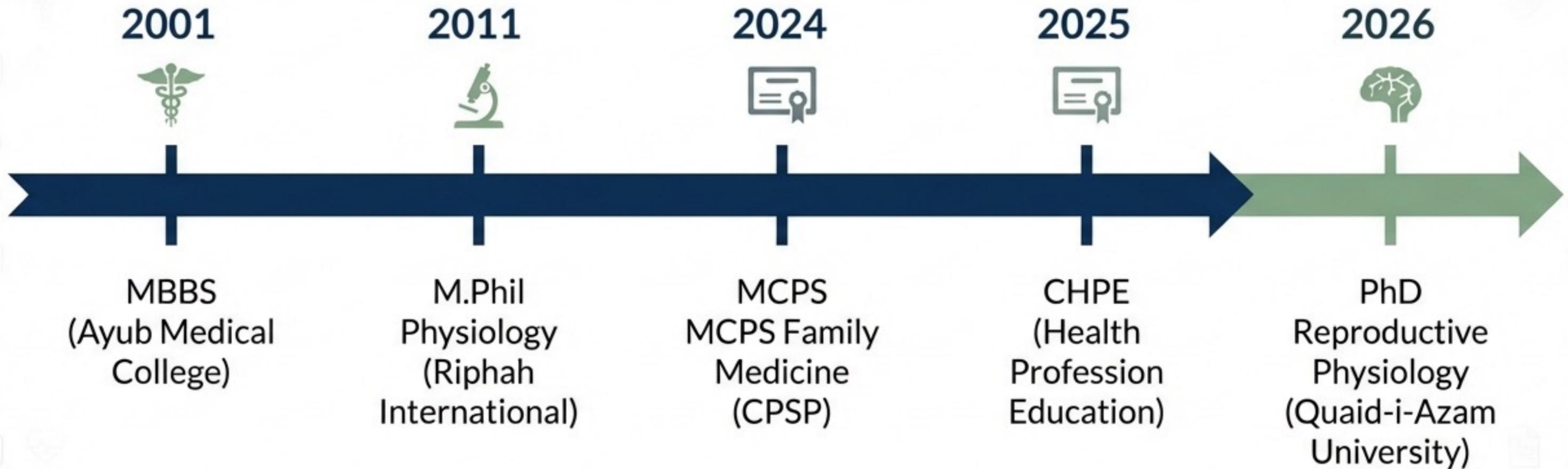
Publisher/Editor: Mohi-ud-Din Medical Journal (MMJ).
Chairman: Research & Ethics Committee.
Demonstrated leadership in academic publishing and adherence to ethical research standards, guiding the strategic direction of MMJ and ensuring compliance with institutional and ethical guidelines.

Linguistic Versatility

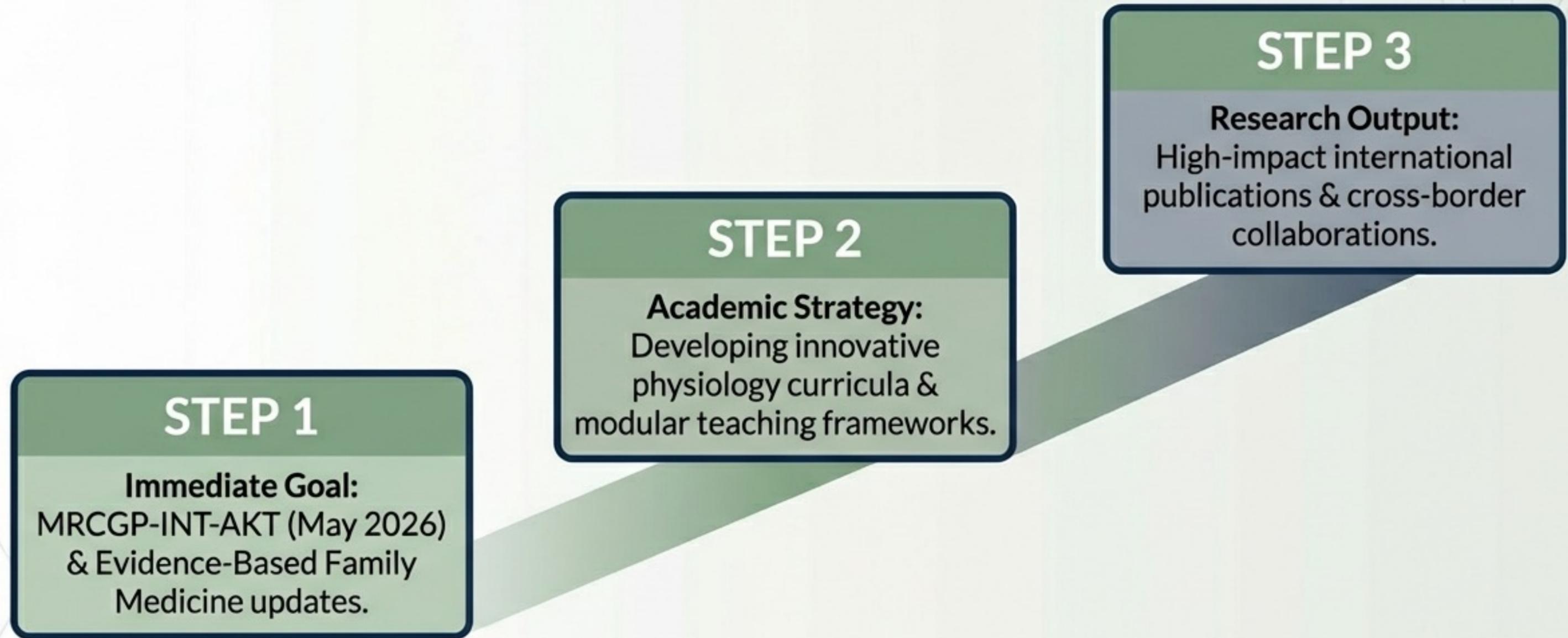


Fluent: English, Urdu, Punjabi, Pothwari.
Basic: Arabic (Abu Dhabi Schooling).
Clinical: Pushto.
Multilingual capability facilitating effective communication in diverse clinical, academic, and research settings across various regions, with specific clinical proficiency in Pushto.

The Educational Roadmap: A Lifelong Learner



Future Vision & Professional Goals



Contributing meaningfully to healthcare systems by integrating **clinical practice, teaching excellence, and impactful research.**

Dr. Ayyaz Ahmed

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