



Country Report Pakistan

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Bioethics in Pakistan

- Aga Khan University
- Ziauddin Medical University
- National Bioethics Committee
- Centre of Biomedical ethics & Culture
- Patel Hospital
- Karachi Bioethics Group
- Pakistan Medical Research Council
- Liaquat National Hospital
- Dow University of Health Sciences
- College of Physician & Surgeons

Aga Khan University

- Bioethics Group 1996
 - Undergraduate medical education 1986
 - Postgraduate medical education 1997
 - Hospital staff education 1997
 - Research
 - Policy
- Ethics Review Committee 1987 (2002)
- Hospital Ethics Committee 2002

Aga Khan University

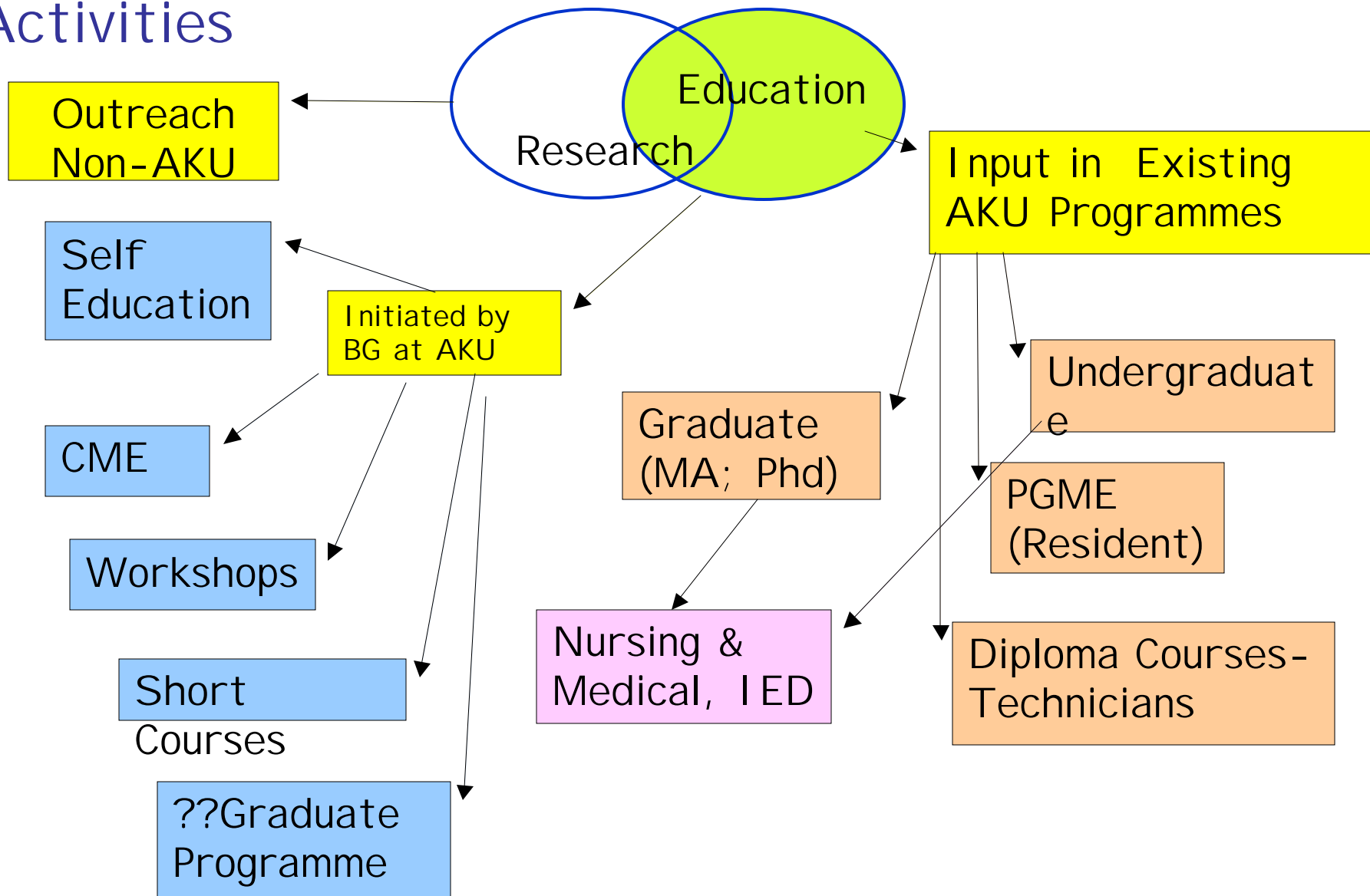
- Undergraduate education 1986
 - 1986-2001 CHS- Informal, semi structured, no evaluation, only in year I & II approximate 4 hours-Dr. J Brayant & K Khan
 - 1999-2002 Psychiatry (Behavioral Sciences) more structured, no evaluation-K Khan & R Zaman
 - 2002-2003 More time allocated, more structured some evaluation- A Ahmad
 - 2003-onwards more structured now as part of longitudinal theme in all 5 years

Aga Khan University

- Pot Graduate Medical Education
 - A part of generic program in first two years of all residencies
 - Year I two hours
 - Year II four hours

Aga Khan University

Overview of Current Activities



Reason for Special Courses in bioethics

- Training/Certificate course available worldwide are largely from developed and secular countries
 - based on the problems being faced in their own environment
- Currently no programme which trains persons on ethical issues as they occur within our own social and religious environment
- In Pakistan, there is a need for a major capacity building exercise in Bioethics and Research
Bioethics

Aga Khan University Bioethics Training Programs (AKU-BTP)

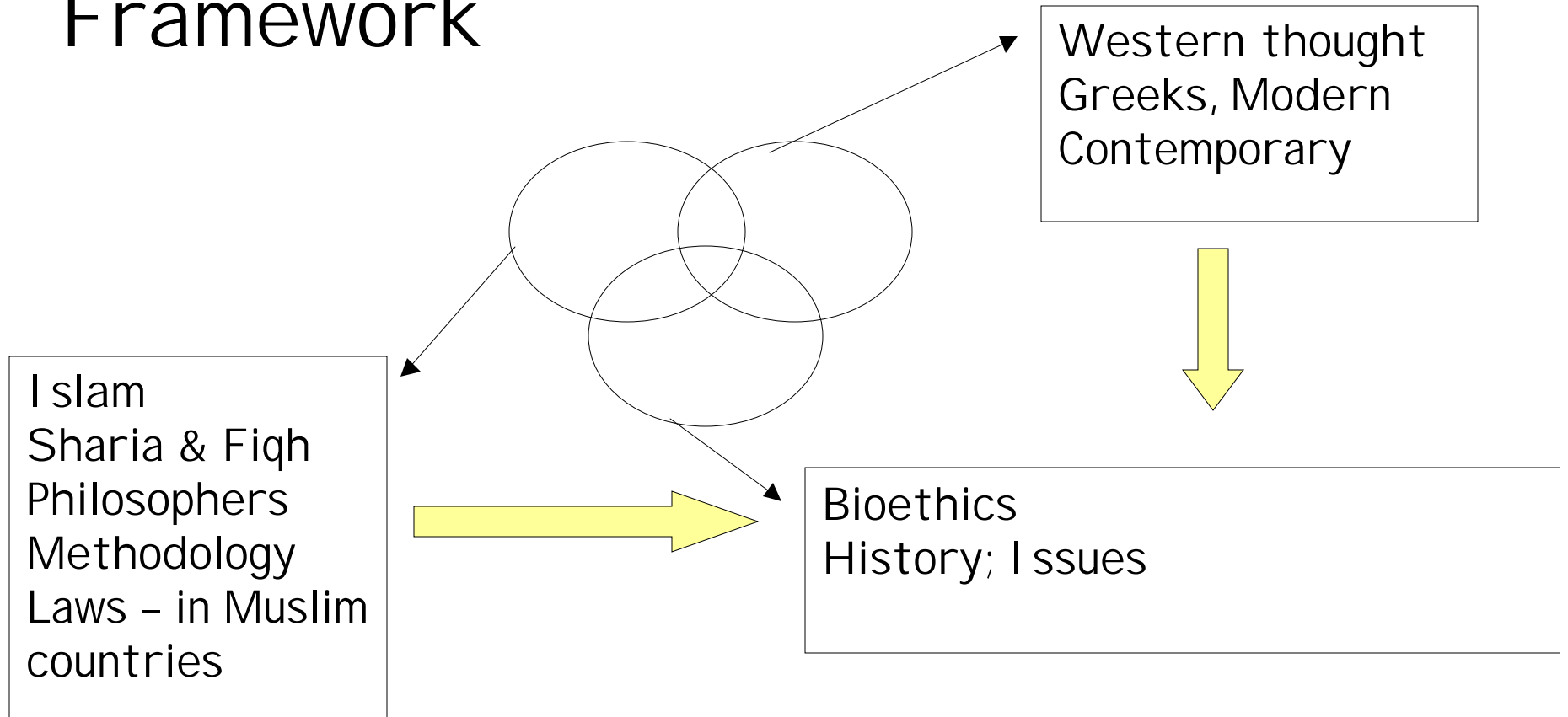
- Goals are to improve ethical conduct of human subject research, advance Bioethics education, and ensure that clinical practices and health policies are based on sound ethical principles.
- This educational training programme in Bioethics takes into account not only the impact of social influences, regional culture and Islamic philosophy but also recognizes the influence of Western philosophy on moral discourse.

Wellcome Trust

RESEARCH ETHICS CERTIFICATE COURSE

| Educational Format | | | | | |
|--|-----|-----|--|-----|-----|
| 2004 | | | 2005 | | |
| SEP | OCT | NOV | JAN | FEB | MAR |
| Autumn Term | | | Winter Term | | |
| Module 1: Basic Module | | | Module 1: Basic Module | | |
| Module 2: Research Ethics | | | Module 2: Research Ethics | | |

- Basic Module-Philosophy, Bioethics & Contemporary World Conceptual Framework



Overview of the Module Components.

| # | Session Components | Time | AKU Faculty |
|-----|---|------------------------|-----------------------|
| I | <p>Introduction</p> <p>Purpose; content, and method. (this could include a panel discussion)</p> <p>A simulation exercise to introduce issues (Something like the Lifeboat Ethics, etc.)</p> | 4 Hrs | Kausar, Arshi, Rozina |
| II | <p>Bioethics</p> <p>History; issues, context and issues.</p> | 7 sessions (24 Hrs) | Rozina, Arshi |
| III | <p>Western Thought</p> | 7 sessions (24 Hrs) | Arshi, Kausar |
| IV | <p>Muslim Thought</p> | 6 sessions (24 Hrs) | Arshi, Kausar |
| V | <p>Evaluation</p> <p>This could include a panel discussion.</p> | 2 Hrs | Arshi, Rozina |

Module-2 Research Ethics

- OBJECTIVES

- Understand what makes human subject research ethical
- Understand the specific ethical issues of health research in developing countries especially in international collaborative research
- Comprehend the process of independent and competent ethical review
- Be familiar with the various international, regional and local declarations, codes and guidelines, and understand their applicability and limitations in the local context
- Review research proposals by reflecting critically on the issues embedded in any protocol

| # | Session Titles | Hrs | Facilitators |
|----------|--|------------|-----------------------|
| | Introduction to the module and pre-test | 4 | Arshi/ Robyna |
| | Ethical Issues in Research Design, clinical and public health research | 4 | Arshi/ Rozina |
| | Ethical Issues in Cross Cultural Research. CIOMS guidelines | 4 | Riffat/ Kausar |
| | Respect for Person | 4 | Robyna/Murad |
| | Informed Consent | 4 | Aamir/Rehana |
| | Conflict of Interest Issues | 4 | Aasim/Robyna |
| | Risk & Benefit Assessment | 4 | Rehana/Arshi |
| | Standards of Care | 4 | Aasim |
| | Scientific Misconduct, Plagiarism & Intellectual, Property Rights | 4 | Kausar |
| | Prior Agreements and post research responsibilities. Post-test | 4 | Aasim |

Bioethics Group

Ethics Grand rounds

- Regular activity at the University
- In this discussion and advocacy forum, ethical dilemmas are presented and discussed
- These Grand Rounds are well attended (average of about 200 participants), including faculty, residents, staff, nurses as well as students
- Last Ethics Grand Rounds on Pharma-Physician relationship

Ziauddin Medical university

- Ethics Review Committee
- Undergraduate-some teaching in ethics

National Bioethics Committee

- Ministry of health
- DG Chair
- PMRC secretariat
- Two sub-committees
 - Research ethics
 - Education & clinical ethics
- Guidelines under preparation
- Prioritization of ethical issues under way
 - Organ sale
 - Under & Postgraduate education



Centre of Biomedical Ethics and Culture (CBEC)

- Goals of CBEC:
 - Serve as an academic and intellectual national resource to produce ethical doctors
 - Enhance bioethical education, research and training in Pakistan, the region, and internationally
 - Assist in capacity building of future faculty and staff in biomedical ethics.

Activities

- April 2005: Seminar and Intensive Course on “Foundations of Moral Thought: From the Greeks to Contemporary Bioethics”
- August 2005: First CBEC National Seminar on Stem Cell and Cloning: Science, Ethics and Religious Perspectives
- November 2005: International Conference and Workshop “Fundamentals of Research Ethics: International and Regional Perspectives”
- January 2006: Joint CBEC-SI UT UNESCO Conference and Workshop “Bioethics Education”
- January 2006: CBEC Postgraduate Diploma in Biomedical Ethics (one year duration)

Patel Hospital

- Hospital/ Research Ethics Committee
- Initiator of Karachi Bioethics Group
 - Idea generated at 2nd ethics symposium at AKU
 - Hosted and coordinated quarterly meetings for 2005
- Frequent CME lectures on bioethics

Karachi Bioethics Group

- Patel Hospital
- Aga Khan Hospital
- Kidney Centre
- Ziauddin Hospital
- CEBC
- Liaquat National Hospital

Karachi Bioethics Group

- Terms of reference
- Informed consent-Aasim (March)
- Stem cell research-Robyna (July)
- Pharma-physician relationship-Murad (November)
- Tristem Corporation and stem cell research/therapy (January)

Pakistan Medical & Research Council

- Educational workshop for NBEC members
- Research ethics workshop in collaboration with WHO for nominees from government medical colleges
- Plan to hold workshops in each medical college

Liaquat National Hospital

- Recently initiated ethics 'group' in process of framing terms of reference
- Self education

Dow University of Health Science

- Ethics review committee now functional
- Members being trained in various courses

College of Physicians & Surgeons Pakistan

- All medical residents have to submit a dissertation as part of requirement for fellowship
- It is mandatory for the residents to attend a research methodology workshop
- It is expected that this would now include a session on research ethics
- Eventually it is expected that residents would have to attend a mandatory research ethics workshop

Presentations on ethical issues

- Doctors in 'Wardi' Dual loyalty & Military Physicians January 2005
- Ethical Issues in ICU. organized by Dow Medical College Annual Symposium February 2005
- Implication of ethical principles in clinical research
A tale of two trails Health Asia, Pearl Continental Hotel, March 2005
- Ethical issues in cosmetic dermatology International dermatological association meeting March 2005
- Bioethics-Today's Buzz Word or Emerging Science of Tomorrow, Liaquat National Hospital (introduction) Karachi, May 2005

Conclusion

- Recent entrant in Bioethics
- Main thrust on capacity building
 - Medical students
 - Curriculum development
 - Mandatory teaching
 - Residents
 - Workshop
 - Mandatory teaching
 - ERC members
- Research in ethics



Thank you