Background

Dow University of Health Sciences, under the dynamic leadership of the Vice Chancellor and his dedicated team, is proud to announce the commencement of its fourth MHPE program.

Pakistan is facing a rise in the number of medical and dental colleges and increasing pressure from accrediting bodies to improve the quality of medical education. All this coupled with awareness amongst the student community about how a modern college should train its wards has made it all the more necessary for every college to have an active and strong department of medical education led by a qualified professional. Every medical and dental college requires specially qualified professionals who have the vision of taking their institution and country away from the traditional practices which are not in alignment with modern learning philosophies (while retaining the cultural flavor) to educational practices which are efficient and effective in producing graduates capable of being life-long, self-directed learners, sound decision makers with optimal professional behavior. The MHPE program at DUHS is designed to produce such experts much needed by our country and the region.

Aims of the program

By the end of the program, graduates should be able to:

- Design and conduct original research studies using strong theoretical background
- Apply modern theories of adult learning to develop curricula/ courses
- Apply principles of optimal curricular management to course development
- Design and use modern and classical instructional methodologies to help learners solve academic problems
- Use principles of sound assessment in developing an assessment system which is fair, transparent, feasible, valid and reliable
- Initiate and manage academic innovation
- Work as academic team leaders
- Behave professionally at all times
- Conduct scholarly activities for self and institutional development

**Target Audience:**
This program is meant for all those medical and dental professionals who:
- Want to make a full time career in medical education
- Are deans, heads of departments/wards and interested in improving the quality of education in their spheres of influence
- Are mid-career professionals interested in improving the existing academic environment and functioning
- Are interested in knowing about the field and science of health professions education

**Competencies required of entrants:**
This program depends heavily on participants’ ability to efficiently use computers, especially MS Word and PowerPoint. Participants will be required to search for literature and hence, must know the use of internet well. They will also be frequently asked to read extensively, analyze evidence and write reports. **The ability to clearly and correctly express in English is of paramount importance.**

**Eligibility criteria:**
- MBBS with one year house job.
- BDS with one year house job.
- IELTS (6.5)/ TOEFL (600 minimum on PBT, 100 minimum on IBT)

**Program structure**
The program is designed to be beneficial for clinicians and non-clinicians alike. It requires the participants to study for about 2 hours a day. The bulk of learning will be through distance education, where learning material will be sent by email. There will be two contact periods per year, one in December/January and the other in July/August, each of which will be of maximum two weeks.
**Instructional strategies**

During the contact periods, there will be different types of sessions; some lectures, group discussions, self study periods and projects. Time will also be spent on formative and summative assessments.

**Progress during the course:**

In each module, the participants will get assignments which have to be completed, preferably, within the time frame allotted. Learners will be informed of the minimum pass grade for each module with the study guide which they will receive before the start of that module. The contact periods will also be graded. Marks obtained during contact periods and from assignments will be combined to form the final result of every module. Candidates must obtain 63% minimum in every module to be declared as pass.

**Fee Structure:**

*For Pakistani nationals*
- Application fee (non-refundable): Pakistani nationals must send a pay order of PKR 5,000/- in favor of Dow University of Health Sciences along with the completed application form
- Admission Fee: PKR 25,000/- (non-refundable)
- Fees Per semester: PKR 85,000/-
- Examination fee: PKR 4,000/semester
- Dissertation/ Project processing fees: 60,000/- (payable immediately after submission of the final proposal)

*For foreign nationals*
- Application fee (non-refundable): Foreign nationals must send a pay order of 100 USD along with the completed application form
- Admission fee: USD 1250/- (non-refundable)
- Fees per semester: USD 4,000/-
- Dissertation/Project processing fees: 650/- USD (payable immediately after submission of the final proposal)

Repeaters of a course will have to pay the full fees of that course.
Criteria for short listing candidates:

- Score of TOEFL/ IELTS
- Written test results. Written test to be held in Karachi; out of Karachi candidates may take the test online.
- Interview results; Applicants may sit for the interview in Karachi
- Out-of-Pakistan applicants (Pakistan nationals or foreigners) may take the written test on-line and the interview via skype. The exact date and time may be decided based on mutual convenience.

Course content:

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course code</th>
<th>Course title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>One</td>
<td>AL-1105</td>
<td>Adult learning theories</td>
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<td>IS-1205</td>
<td>Instructional strategies</td>
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<td>Basic course in Assessment</td>
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<td>AA-2405</td>
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<td>CD-2505</td>
<td>Curriculum design and implementation</td>
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<td>Three</td>
<td>IR-3603</td>
<td>Introduction to educational research</td>
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<td>BR-3704</td>
<td>Basics in Educational Research</td>
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<td>AR-3805</td>
<td>Advanced course in Educational Research</td>
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<td>Program Evaluation &amp; Quality Assurance</td>
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<td>EL-41003</td>
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<td>Five</td>
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<td>Issues in Medical Education</td>
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<td>EC-51203</td>
<td>Electives</td>
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<td>Research project defense or Thesis defense</td>
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A list of books will be issued to the successful candidates.

Accommodation:

Candidates will have to make arrangements for their stay and travel during the contact period.
All inquiries should be directed to:
Program Manager, MHPE
mhpe@duhs.edu.pk

Complete applications along with the documents should be sent by courier to the following address:

Dr Syed Muhammad Idrees
Director, Admissions
Dow University of Health Sciences
Baba-e-Urdu Road, Karachi
Pakistan

Note: Applications submitted directly will NOT be considered

PROGRAM DIRECTOR

Dr. Syed Moyn Aly
MBBS, MHPE
Chairman, Department of Medical Education
College of Medicine
Taif University, KSA