

Faculty of Science & Health

SCHOOL OF HEALTH AND HUMAN PERFORMANCE

Medical Officer (half time post: 5 year contract)



Introduction:

A dynamic and rapidly growing School within the Faculty of Science and Health, the School of Health and Human Performance at DCU is developing an international reputation in health and exercise science. As such, the School of Health and Human Performance is committed to researching, understanding and disseminating knowledge about physical activity across the continuum from health to elite sport performance, and to the area of musculoskeletal medicine.

Teaching & Research Programmes:

The School of Health and Human Performance offers the following undergraduate programmes:

BSc in Sports Science in Health

BSc in Athletic Therapy and Training

BSc in Physical Education (with Biology)

Faculty and postgraduate students in the School of Health and Human Performance investigate a wide range of topics concerning human movement and education, athletic performance and musculoskeletal medicine. The School has a thriving research environment and the candidate must have the ability and desire to achieve excellence in their chosen area.

Medical Officer (half time post):

The School of Health and Human Performance invites applications from suitably qualified candidates for the half-time post of Medical Officer. Applicants for the post must hold an honours degree in Medicine, and must be registered with or eligible for registration with the Irish Medical Council. Applications from candidates with a PhD or MD in a field related to Sports and Exercise Medicine would be particularly welcome. Previous experience of the supervision of medical tests involving humans is essential. Applications from candidates with experience of carrying out such supervision in an academic environment would be particularly welcome. Previous experience in rehabilitation of musculoskeletal injuries is also essential.

A high standard of clinical expertise and recent clinical experience would also be desirable and continued clinical work would be encouraged and facilitated. A strong commitment to the ongoing development of the School's research agenda is also an expected part of the role. Based within the School of Health and Human Performance, the post holder will discharge his/her remit largely with respect to that School but will also discharge a university-wide remit, as outlined below. The post holder will report to the Head of School, Health and Human Performance.

The duties and responsibilities attaching to the post are as follows:

- Generate and update Standing Operating Procedures for medical tests involving humans.
- Conduct medical screening of research subjects with established clinical conditions including, Heart Failure, Pulmonary disorders, Cystic fibrosis, Morbid obesity, Depression and Cancer
- Assume responsibility for the medical supervision of research activity with clinical patients including exercise stress tests (lab based), submaximal, and maximal exercise tests (lab based) and muscle strength and conditioning (field based)

- Carry out medical procedures, such as muscle biopsies, insulin clamp techniques, ECG analysis etc. when required.
- Assume responsibility for the medical management of adverse events during and following testing and procedures.
- Act as medical support for all human research between research centres in DCU.
- Provide support for the DCU Research Ethics Committee and the Biological Safety Committee on issues related to human research.
- Provide training for research staff in selected medical procedures including phlebotomy and intra-venous canulation.
- Advise DCU's Health and Safety Officer in relation to first aid training for DCU staff
- Provide medical supervision of clinical patients in established DCU intervention programmes. These include:
 - cardiac rehabilitation (HeartSmart),
 - pulmonary rehabilitation (BreatheSmart),
 - claudication rehabilitation (Smart Steps)
 - mental wellness (clinical depression, Back of the Net)
 - Obesity treatment.
- Provide access to DCU undergraduate and postgraduate students to a working lab (i.e. a range of clinical populations) for enhancement of their training and development.
- Provide access to DCU academic staff to a working lab for enhancement of staff training and development.
- Contribute to the development of future additional special population programmes in conjunction with HSE, community GPs and hospital specialists.
 - Pregnancy
 - Joint replacement
 - Arthritis
 - Diabetes
 - Cognitive decline (including dementia)
- Contribute to the development of a national framework for the roll-out of successful evidence-based intervention programmes suitable for special populations.

Informal enquiries to:

Dr Kieran Moran, School of Health and Human Performance, Dublin City University, Dublin 9.
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Salary scales:

Lecturer: €50,159 - €1,403 (above bar) pro rata

€41,502 - €1,724 (below bar) pro rata

Subject to qualifications and experience.

This salary scale may be affected by the provisions of the 2011 Budget.

Closing date: **19th August 2011**

Application forms are available at: www.dcu.ie/vacancies/APPLICATION_FORM_8pg.doc and from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0)1 700 5149; Fax: +353 (0)1 700 5500 Email: hr.applications@dcu.ie

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