

Schulich School of Medicine & Dentistry



The Schulich School of Medicine & Dentistry at The University of Western Ontario is dedicated to preparing tomorrow's doctors, dentists and health researchers to become leaders who will shape the future of health care.

What we do today affects the health of patients tomorrow. That's why we have made a commitment to strengthen the training and capacity of Clinician Researchers and Clinician Scientists at all stages of the career path, from undergraduate students to residents to junior faculty. Schulich Medicine & Dentistry's outstanding clinical education programs, set in a research-intensive environment, offer the right mix of opportunities to prepare research leaders who can translate discoveries from the lab into real solutions for patient care, diagnostics and treatment.

Research Institutes and Affiliates

In addition to its connections across Western, including the 2007 integration of Robarts Research Institute, Schulich Medicine & Dentistry is part of a city-wide network of teaching hospitals, research institutes and regional hospitals in Southwestern Ontario. The collaboration and synergy of resources fosters innovation, flexibility and collegiality, and research prospers in this dynamic environment.

Institutions include:



For more information contact

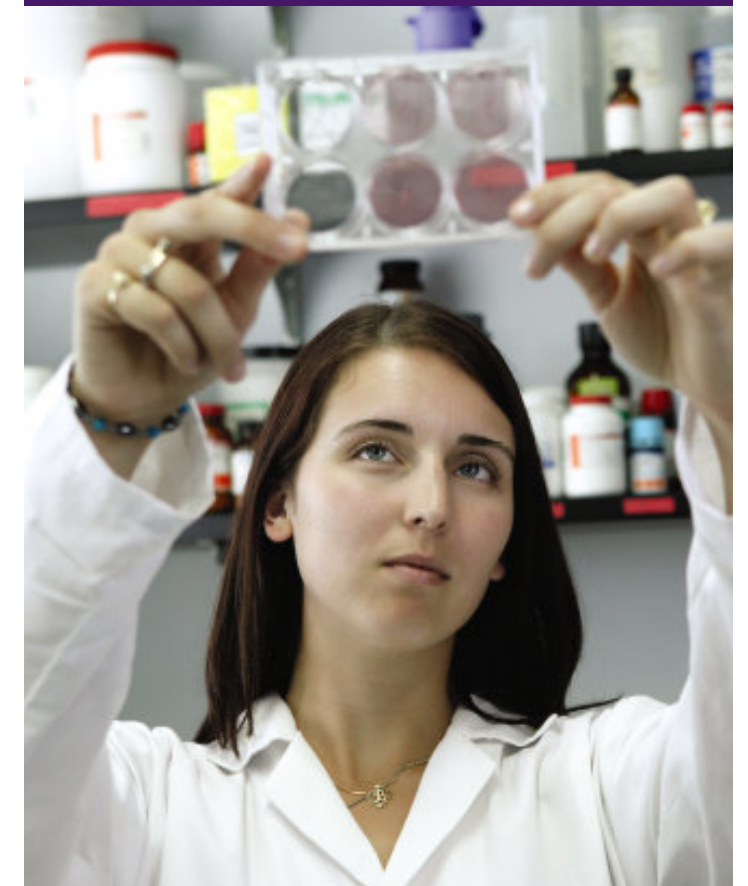
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Schulich School of
Medicine & Dentistry



TRAINING FOR CLINICIAN RESEARCHERS AND CLINICIAN SCIENTISTS



The University of Western Ontario



SHAPING THE FUTURE OF HEALTH CARE



Who are Clinician Researchers and Clinician Scientists?

Clinician Researchers and Clinician Scientists are practising clinicians who have received a degree such as a Doctor of Medicine (MD) or Doctor of Dental Surgery (DDS) and have also undertaken research training. Clinician Scientists usually have additional training as researchers and often have an advanced research degree (PhD).

Clinician Researchers* are practising clinicians who spend 40 to 60 per cent of their time in research (clinical, health services, population health or basic biomedical).

Clinician Scientists* are full-time scientists who spend at least 75 per cent of their time in research (basic biomedical, clinical, health services or population health) and who spend a small portion of their time doing clinical work.

*definitions according to the Canadian Institutes of Health Research (2002).



Why are Clinician Researchers and Clinician Scientists Important?

Clinician Researchers and Clinician Scientists are often exemplars of “bedside-to-bench-to-bedside” research, bringing their clinical expertise into the laboratory and translating innovations from the laboratory to patient care. They propel forward the development of clinically relevant research and the implementation of new evidence-based diagnostics and treatments into routine clinical use or health policy.

Opportunities for Students

Bachelor of Medical Sciences (BMSc) Program

The BMSc program provides high quality education in the basic medical sciences. The program prepares students for employment in industry, government or research; or entry into professional schools. Students gain valuable hands-on experience in problem solving as well as computer, analytical, laboratory, communication, and organizational skills.

www.uwo.ca/bmsc

MD/PhD Program

Western’s MD/PhD program provides an excellent opportunity to begin a career combining research and clinical practice. This seven-year program enables participating students to combine the undergraduate medicine (MD) program and innovative research with one or more of the leading scientists at Schulich Medicine & Dentistry.

www.schulich.uwo.ca/medicine/md_phd

Dental Clinician Scientist Program

This is a joint degree program directed toward highly motivated students planning a career that combines research with clinical dentistry. Students accepted into the program will complete MSc or PhD training with an established dental research scientist, followed by training in clinical dentistry (DDS program). Graduate training is coordinated through one of ten graduate programs affiliated with Schulich Medicine & Dentistry.

www.schulich.uwo.ca/dentistry/dcs

Research Opportunities for Medicine and Dentistry Students

The school offers several programs for students to gain valuable research experience, including opportunities in the summer and during the academic year. Programs include the Summer Research Training Program, Schulich Research Opportunities Program, and Global Research Opportunities in Health. Research may be in any discipline within Schulich Medicine & Dentistry, including laboratory research in the basic medical sciences, clinical and population health research, ecosystem health research and educational research.

www.schulich.uwo.ca/research/



Opportunities for Residents

Departmental Resident Research Programs

Schulich Medicine & Dentistry offers 48 postgraduate medical education training programs leading to certification either by the Royal College of Physicians and Surgeons of Canada or by the College of Family Physicians of Canada and allowing licensure by the provincial regulatory bodies. Many of the programs strongly encourage residents to undertake research as part of their training and provide financial support.

Clinician Investigation Program

The Clinician Investigation Program is a postgraduate medical education training program accredited by the Royal College of Physicians and Surgeons of Canada. This program provides an opportunity for residents or fellows who have completed their core years to complete a graduate degree at Western accompanied with specialized research training. The resident steps out of their clinical training program to complete the research training prior to attaining their Royal College certification.

Resident Research Career Development Program

This program fosters the development of promising young residents and/or fellows within Schulich Medicine & Dentistry into successful Clinician Scientists. It facilitates the identification, development and recruitment of these individuals by supplying financial support for further training, mentorship for career development and advocacy for faculty appointment.

Opportunities for New Faculty

Schulich Clinician Scientist Awards

This is a competitive funding program to recruit highly qualified Clinician Scientists to Schulich Medicine & Dentistry, and to mentor them during their early career development to become successful independent Clinician Scientist leaders. The Schulich Clinician Scientist Committee works in collaboration with the Clinical and Basic Medical Science departments to select and mentor highly qualified clinicians.

