



For Immediate Release
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Chiropractic College Garner's First Jointly Funded Award From NCCAM/NIH-CIHR

Toronto, Ontario – The Canadian Memorial Chiropractic College (CMCC) has received a landmark grant to investigate mechanotransduction- the manner in which physical treatment is communicated between tissues to achieve its effect.

The award, announced earlier this year, from the US based National Center for Complementary and Alternative Medicine / National Institutes of Health (NCCAM/NIH), and the Canadian Institutes of Health Research (CIHR) marks the first grant awarded by NCCAM/NIH and CIHR through a collaborative research program on the science of manual therapies.

"We are researching the exact mechanism by which treatment affects different tissue strata," says Dr. John Triano, Dean, Graduate Education and Research Programs, CMCC. "The practical value of this is to identify the effective component of treatment so we can optimize and improve care, as well as understand how chiropractic care benefits the patient."

"This grant is the first co-funded award granted on behalf of NCCAM/ NIH and CIHR," says Dr. Partap Khalsa, Program Officer, Division of Extramural Research and Training, NCCAM, NIH, DHHS. "Extending Ultrasound Elastography to Manual Treatment Methods' was a highly meritorious research proposal that successfully passed the criteria for both NCCAM/NIH and CIHR. NCCAM alone funds only 13 per cent of all applications."

"Both Canadian and American agencies recognize the importance of high quality research in chiropractic approaches to alleviating pain and improving mobility in our populations," says Dr. Jane E. Aubin, Scientific Director of the CIHR Institute of Musculoskeletal Health and Arthritis (CIHR-IMHA). "This co-funded award also highlights the important role of international partnerships as we work to solve health challenges." CIHR-IMHA and the CIHR Institute of Neurosciences, Mental Health and Addiction are partnering with NCCAM/ NIH on this research program.

Dr. Jean Moss, President, CMCC, views the award as highly significant. "It supports us in our collaboration with researchers from other institutions, such as the University of Vermont and Columbia University," says Moss, "and aids us in providing research that can influence everyday practice and improve patient outcomes."

The Canadian Memorial Chiropractic College (CMCC) is an accredited leader in chiropractic education and research, offering a four year Doctor of Chiropractic degree, as well as specialty graduate studies. CMCC research spearheads breakthroughs in pain relief and seeks to better understand the body's power to heal itself. In February, CMCC announced the establishment of the Centre for the Study of Mechanobiology, Injury and Health. Mechanotransduction refers to the mechanisms through which cells and tissues convert mechanical stimulus into chemical activity. Background information on CMCC's two Centres of Research can be found at www.cmcc.ca/research_Vision.htm

[The Canadian Institutes of Health Research](#) (CIHR) is the Government of Canada's agency for health research. CIHR's mission is to create new scientific knowledge and to catalyze its translation into improved health, more effective health services and products, and a strengthened Canadian health care system. Composed of 13 Institutes, CIHR provides leadership and support to more than 11,000 health researchers and trainees across Canada.

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Backgrounder at www.cmcc.ca/research_Vision.htm