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NEWS RELEASE

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FOR IMMEDIATE RELEASE

An exciting new development in clinical diagnosis known as "Nuclear Magnetic Resonance" (NMR) will be described for a Kamloops audience on Thursday evening (January 19) by a distinguished chemical researcher.

Dr. Laurie Hall of the University of British Columbia will be the guest speaker in the latest of the current free public lecture series presented by Cariboo College.

His subject is announced as "NMR Imaging: A New, Non-Invasive Window into the Human Body."

NMR, according to Dr. Hall, is now being used for clinical diagnostic purposes in some 20 hospitals worldwide. The term is applied to two separate methods of "imaging" the human organism.

One method, called proton tomography, provides both anatomical and pathological information. The other, known as chemical spectroscopy, provides a "fingerprint spectrum" which identifies the physiological state of a piece of tissue.

According to Dr. David J. Cane, Director of Sciences and Health Sciences at the College, Dr. Hall's presentation will be largely non-technical and will illustrate clinical applications as well as the basic concept of NMR.

Dr. Hall has been on the UBC faculty since 1963 and is internationally recognized as a leading researcher in organic chemistry as well as in the new and expanding field of medical imaging. He has won many prestigious awards and was recently elected as the first holder of a new professorship in medical chemistry at Cambridge University in England.

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He came to Canada in 1962 from his native England shortly after receiving his doctorate at the University of Bristol. He became a full professor at UBC in 1973, and in 1981 was appointed Basic Science Director of the university's Imaging Research Centre.

The lecture will begin at 7:30 p.m. in the Science Theatre (Room S-223) of the College's Science Building. A question and discussion period will follow.

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For further information please contact:
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