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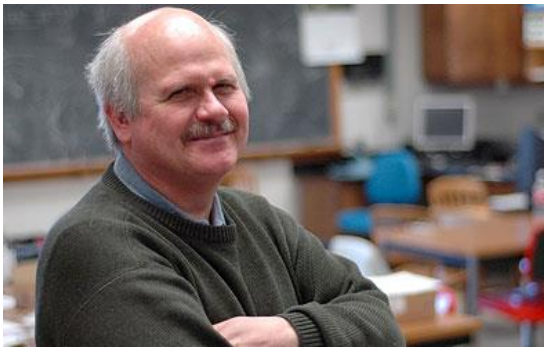

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Dean Chapman is Science Director at the Canadian Light Source, Canada's national light source in Saskatoon.

Dr. Chapman completed a PhD in Physics at Purdue University in 1981. He spent several years at the National Synchrotron Light Source at Brookhaven National Laboratory (1982-1995) as a beamline scientist on materials science and medical research facility beamlines.

In 1995, he moved to the Illinois Institute of Technology (IIT) in Chicago to help direct IIT beamlines at the Advanced Photon Source, Argonne National Laboratory. He and two colleagues from Brookhaven National Laboratory developed the diffraction enhanced imaging method which is now one of the common synchrotron methods for imaging soft tissue.

In 2003, Dr. Chapman came to the University of Saskatchewan as a professor in Anatomy and Cell Biology where he was the scientific lead of the Biomedical Imaging & Therapy (BMIT) project at the CLS. At the university, he has held a Canada Research Chair in X-ray Imaging (Tier 1) for over 10 years. He was the founder of a research group on synchrotron imaging of gene expression and served as Special Advisor to the nuclear initiative that led to the creation of the Sylvia Fedoruk Canadian Centre for Nuclear Innovation.

Dean is a board member of the Canadian Institute for Neutron Scattering, and a Regional Councillor for the Canadian Association of Physicists. In addition to his faculty appointment in the College of Medicine, he is also a member of the University of Saskatchewan departments of Medical Imaging, Physics & Engineering Physics, and Biomedical Engineering. He holds seven patents on various x-ray optic developments, and was involved in three startup companies (founding member, VP and Chief Scientific Officer) over his career.