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...as is campus planning.

Campus planning is another growing opportunity for Canadian architects. The scope for this is demonstrated by a recent initiative of Ohio State University which has not undertaken a major facility project in the past twenty years. OSU has recently completed a comprehensive campus master plan that outlines the university's construction and renovation program for the next 25 years. This plan identifies \$45 million worth of renovation and new construction required by 1990. This scale of construction needs is not exceptional. As a result, campus facility managers, particularly those of institutions which do not have access to large endowments, are seeking innovative ways to raise capital.

Private/public development on surplus campus lands is also growing.

In this context, there is a trend by those institutions with extensive land holdings to offer long term leases for the commercial development of these lands as a means for generating revenue in the short term and buildings for future institutional needs in the long term. For architects skilled in assembling joint venture mixed-use development packages, this presents a range of site planning and building design opportunities.

There are important qualitative considerations for both new and old buildings which also provide specialized niches for Canadian architects. These include a growing demand for 'smart buildings', modular structures, rapid construction techniques, flexible/multi-use building designs as well as such specialized facilities as athletic centres and research laboratories. Architects skilled in sophisticated facilities management systems are also in demand.

But not all campuses will benefit equally from government funding.

While nearly all post-secondary institutions claim a need for facilities rehabilitation, expansion or both, a December 1986 report, "American Science and Science Policy Issues", by the Chairman of the U.S. House of Representatives Committee cautions that funding limitations will be such that all demands cannot be met. Stress is placed on the need for institutions to work co-operatively, rather than competitively, in the development of research facilities and equipment purchase so as to avoid costly duplication of effort. This presents a new set of challenges for campus facility managers