

ACADEMIC HEALTH SCIENCES: E-WING

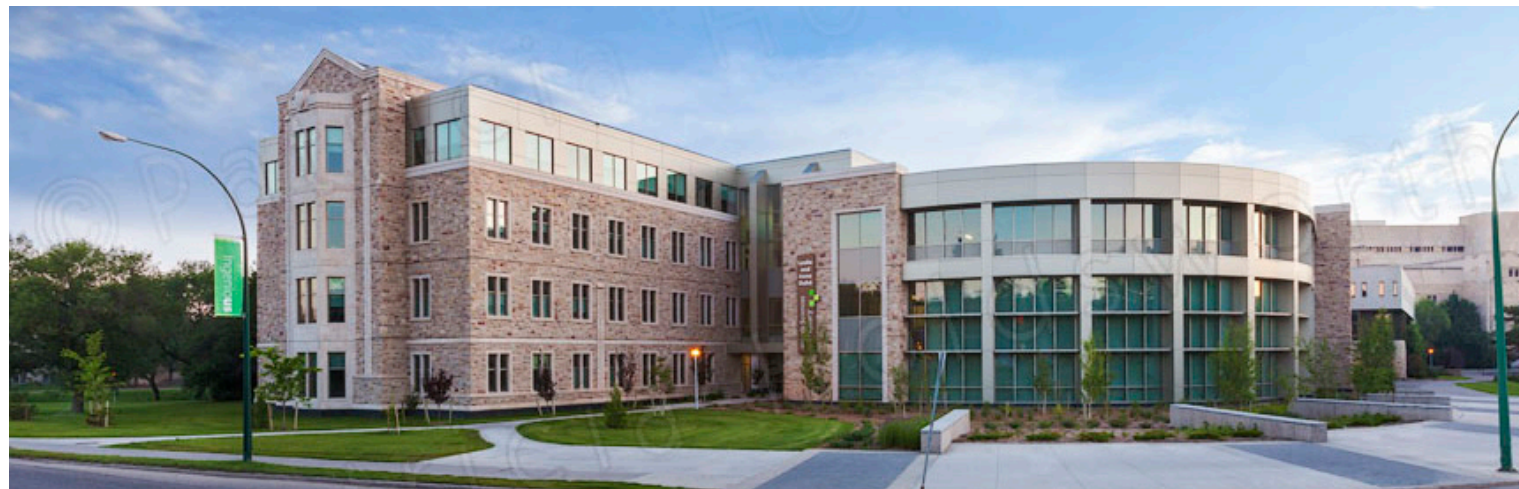
University of Saskatchewan, Saskatoon

The Academic Health Sciences E-Wing project is organized around an integrated educational and research model where seven Health Sciences colleges and schools work together collaboratively, sharing training, academic, educational and dry-lab space. In today's competitive post-secondary institution marketplace this environment facilitates our future health professionals to train and work together in a progressive, top-quality team environment for advanced study.

As the architect for the Academic Health Sciences E-Wing project, Kindrachuk Agrey was challenged to create a building within a constrained site that would respect the collegiate gothic architectural vocabulary of the University while blending in modern elements, and be a model of sustainability that represents the Health Sciences and University as a whole with its prominent academic gateway location.

The functional planning resolved a four-storey academic complex adjoining the west façade of the Dental Clinic and AHS A-Wing by means of an enclosed multi-storey public atrium which facilitates the flow of students and faculty in a natural lit environment. Internal atria within the academic unit and Library enable deep penetration of natural light to interior occupied spaces, creating key located collision points that foster interdisciplinary collaboration and interaction both horizontally within a floor plate and vertically between floors by means of interconnection and conveniently located natural lit stairwells. Strategically located collaboratoriums of various scales and environments, and varying degrees of access collectively knit together the integration of the E-Wing complex.

Academic campus buildings by their very nature up until recent have been large consumers. The LEED Gold certified building integrates as a design approach effective sustainable strategies: optimized daylighting and indoor environmental quality, reduced water and energy consumption, low maintenance materials, storm water management, recycled demolition materials, efficient building envelope design, and managed site impact. The E-Wing project set a new University standard for promoting construction that is healthier for the occupants and the environment. Educational facilities have a stewardship role in shaping societal values and environmental awareness, with E-Wing an excellent example of the implementation of green building principles and sustainability.



Completed: February 2013
Size: 280,000 sf

