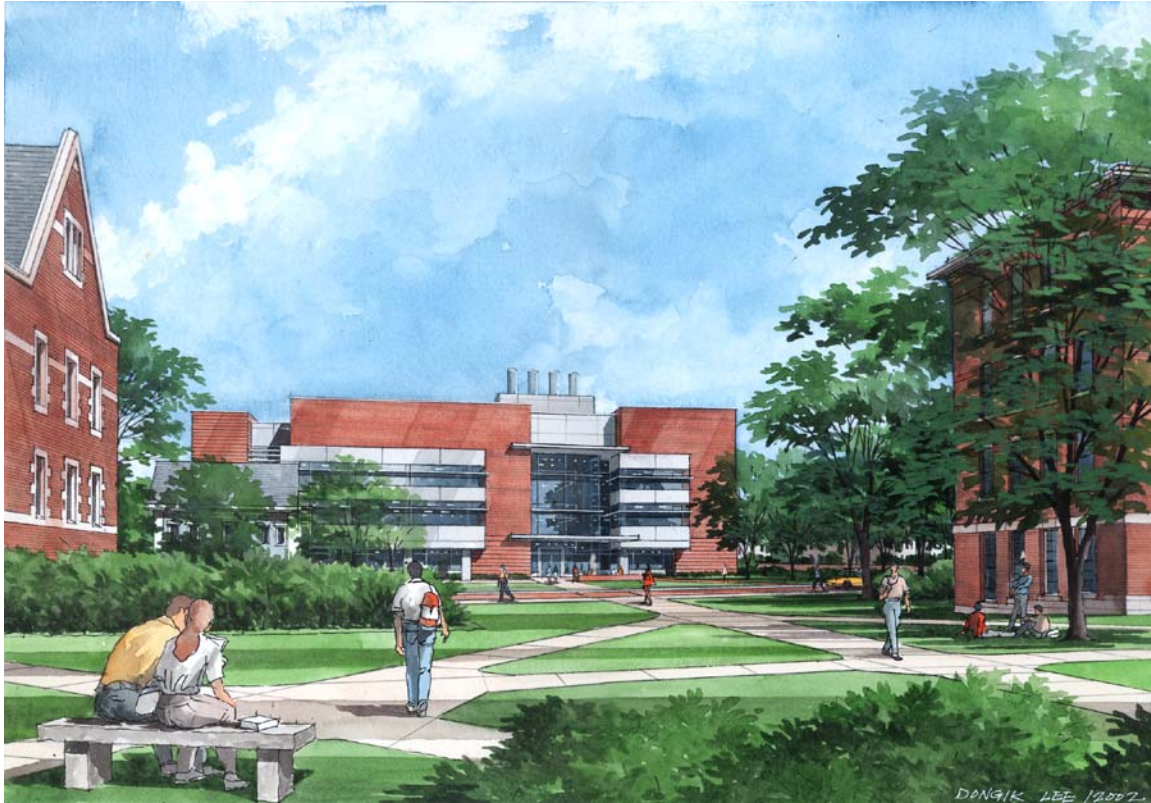


**Tsoi/Kobus and Associates**



**Clark University**  
(LEED Certification Anticipated)

A new Science Quadrangle will expand this traditional urban campus, creating a new image and providing for future growth. Three new buildings will define a significant open space, extend an important campus axis, and lead new development across a previous campus boundary. The centerpiece of the three-building quad will be a signature building, a new teaching and research facility for the Biological Sciences. This building is designed to put the sciences on display, convey a forward-looking mission, and make a positive contribution to the community. From the outset of design, sustainable design principles have been observed, which include:

- Selecting a site for its solar orientation, tree preservation, and impervious area reduction;
- Designing an HVAC system which is expected to produce a 45-55% energy saving as compared to conventional designs;
- Providing natural daylighting enhanced by space planning, exterior light shades, interior light shelves, and dimmable electric lighting;
- Zoning the building to allow for natural ventilation of offices, an unusual feature in lab buildings;
- Using certified sustainable wood throughout the building; and
- Developing educational displays, including building operations data and cost savings reporting.