

CENTRAL MICHIGAN UNIVERSITY
C.A.R.T. LAB
MT. PLEASANT, MICHIGAN

Client

Central Michigan University
Combined Services Building 206
Mt. Pleasant, MI 48859
Linda Slater
(989)774-6551

Architect

Design Plus
201 Toni Ave. SW
Grand Rapids, MI 49503
Fred Hall
(616) 458-0875

Project Size

19,140 SF

Project Cost

\$5,015,000

Project Team

Kevin Donnelly, Project Manager
Jon York Superintendent
Jason Heffelbower, Project Engineer
Kathy LaPratt, Project Coordinator
Joann Brooks, Project Accountant

Date Completed

February 2007

Delivery Method

General Contracting



The JM Olson Corporation was awarded the general contract for the 25,000 SF addition to the existing 20,000 SF C.A.R.T. Lab. The addition will allow all lab technicians and research personnel to work out of the same facility instead of being located at multiple locations throughout the University's campus.

The addition contains 48 laboratory fume hoods for project development and state of the art work stations for research and development. The design of the addition is laid out in such a manner that tenants have the option to lease as little as a single lab room or multiple facilities. This project was partially funded by the State of Michigan with the intent to create an attractive atmosphere for smaller businesses to lease laboratory environments and focus on the finances of their Research & Development rather than the monies to create or lease their workspace.

The atmosphere controls design was 20% of the total project contract. This safe work environment contains a primary and back up mechanical operations system which are both contained at the Mezzanine level. On the facility's exterior, the design intent was to match the existing structure. The project was scheduled for a nine month duration, but faced various environmental and weather challenges. Due to a large amount of rainfall throughout the enclosure process and the fact that the site work was several feet lower than all surrounding grades, the team was challenged by the schedule and mechanical system designs, but still delivered the project on schedule.