



# FINAL TECHNICAL SUMMARY DOE DE-SC0006792



9/30/2013

## UMASS AMHERST INTEGRATED SCIENCES BUILDING

DOE DE-SC0006792 in the amount of \$1,944,000 was awarded to support additional interior construction of the Integrated Sciences Building and the purchase of equipment for science teaching and research focused on the integration of the life, chemical, and physical sciences at the University of Massachusetts Amherst.

## UMASS AMHERST INTEGRATED SCIENCES BUILDING

### GRANT PROJECT OVERVIEW

The Integrated Sciences Building is a new model for science teaching and research focused on the integration of life, chemical and physical sciences. This innovative concept is bringing together the teaching of basic and advanced courses in chemistry and life sciences, providing flexible research laboratories that support interdisciplinary research teams, and enhancing the interaction between researchers and students, both graduate and undergraduate.

The \$1,944,000 grant provided by the U.S. Department of Energy was used for construction fit out of additional unoccupied shell space and electrical and mechanical upgrades to support administrative and academic functions. This was valuable in ensuring remaining shell space was fit out and needed mechanical and electrical upgrades were able to be completed.

### DESCRIPTION OF WORK

Shell space fit out included faculty office advising space, student study space, staff restroom and lobby cafe. Electrical, HVAC and fire alarm installations and upgrades to existing systems were required to support the newly configured spaces. These installations and upgrades included audio/visual equipment, additional electrical outlets and connections to emergency generators. The project provided increased chilled water capacity with the addition of an electric centrifugal chiller. Upgrades associated with chiller included upgrade of exhaust ventilation fan, electrical conductor and breaker upgrades, piping and upgrades to air handling equipment.

### GRANT STATUS

U.S. Department of Energy grant DOE DE-SC0006792 was fully expended and all applicable work was completed as planned by June 30<sup>th</sup>, 2013. All outstanding items have been addressed and this grant may be closed. If additional information is necessary please contact Shane Conklin, Director, Administrative Services Division of Facilities & Campus Services at 413-545-8000 or [sconklin@umass.edu](mailto:sconklin@umass.edu).