



## ACEC/MSPE

**The University of Michigan – Medical Sciences Research Building III**, 1997 Award of Merit

## AMERICAN SOCIETY OF REFRIGERATING, HEATING, AND AIR CONDITIONING ENGINEERS (ASHRAE) TECHNOLOGY AWARD

**St. Clair County Community College North Building HVAC Renovation**, 2011 Category II Existing Institutional Buildings – First Place Chapter and Regional – submitted to Society

**Saginaw Valley State University Crystal M. Lange College of Health and Human Services Building**, 2011 Category II New Institutional Buildings – First Place Chapter and Regional

**Alpena Regional Medical Center Chiller Plant Improvements**, 2011 Category II Existing Institutional Buildings – First Place Chapter and Regional – submitted to Society

**Ann Arbor New Skyline High School**, 2010 Category II New Institutional Buildings – First Place Chapter and Regional; Second Place International – submitting to Society

**Whitmore Lake New High School**, 2009 Category II New Institutional Buildings – First Place Chapter and Regional

**Saginaw Valley State University – Pioneer Hall Renovation & Expansion**, 2008 Category II Existing Institutional Buildings – First Place Chapter, Second Place Regional

**Compuware World Headquarters Building**, 2005 Category II New Institutional Buildings – First Place Chapter and Regional; Honorable Mention International

**Auto-Owners Insurance Company Headquarters Office HVAC Renovation**, 2005 Category II New Institutional Buildings – First Place Chapter, Second Place Regional

**Allegan High School Theater & Natatorium Addition**, 2004 Category II New Institutional Buildings – First Place Chapter and Regional, 2005 Second Place National

**Ford Community & Performing Arts Center – Addition and Renovation**, 2003 Category V Public Assembly – First Place Chapter and Regional

**Rochester Community Schools – West Middle School**, 2003 Category II Existing Institutional Buildings – First Place Chapter and Regional

**Saginaw Valley State University – Instructional Facility #3**, 2003 Category II New Institutional Buildings – First Place Chapter and Regional

**Henry Ford Museum – Environmental Improvement Project**, 2002 Category II Existing Institutional Buildings – First Place Chapter and Regional

**Rochester Community Schools - Stoney Creek New High School**, 2002 Category II New Institutional Buildings – First Place Chapter and Regional

**French Associates – Office Building**, 2000 Category I New Commercial Buildings – First Place Chapter and First Place Regional

**Saginaw Valley State University – Energy Loop**, 2000 First Place Chapter and Regional; National Competition Honorable Mention

**Northern Michigan University – Central Heating Plant Upgrade**, 1998 First Place Chapter and Regional

**Michigan State University – Regional Chilled Water Plant #1**, First Place Chapter and Regional

**The University of Michigan – Medical Sciences Research Building III**, 1996 First Place Chapter and Regional Award, 1997 First Place International

## ARC AWARD

**Bloomfield Hills Schools Wing Lake Developmental Center**, 2008 Silver Award

## ENGINEERING SOCIETY OF DETROIT (ESD)

**Ann Arbor New Skyline High School**, 2009 Outstanding Achievement Award for Building Construction & Design

**Compuware World Headquarters Building**, 2005 Outstanding Achievement Award for Building Construction & Design

**Environmental Protection Agency – National Vehicle & Fuel Emissions Office Building**, 1999 Outstanding Achievement Award for Building Construction & Design

**St. Joseph Mercy Oakland – Alice Gustafson Ambulatory Surgery Center**, 1999 Outstanding Achievement Award for Building Construction & Design

**Michigan State University – The Pavilion**, 1997 Outstanding Achievement Award for Building Design & Construction

## ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) LIGHTING AWARDS

**St. Joseph Mercy Hospital North Tower – Rotunda and Touchstone Lighting**, 2010 IES Detroit Section Award of Merit

**Cirque Du Soleil / Criss Angel Sanctuary – Luxor Casino Theatre Lobby**, 2009 IES Detroit Section Award of Merit, IESNA National Award of Merit

**Oakwood Healthcare – Southshore Medical Center**, 2009 IES Detroit Section Award of Merit

**Junge Family Championship Center**, 2006 First Place Section Award; Award of Merit International Level

**McCann Erickson-Detroit Headquarters Office Relocation**, 2006 certificate

**Hillsdale College John and Dede Howard Music Hall**, 2006 certificate

**Clarkston Community Schools - Independence Elementary School**, 2001 First Place Section Award



**French Associates – Office Building**, 2000 First Place Section Award

**The Grand Hotel – Jewelry Shop**, 2000 certificate

### ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) LIGHTING AWARDS (CONTD)

**Detroit Medical Center – Barbara Karmanos Cancer Institute**, 1997 First Place Section Award

**Anchor Bay Public Schools – Anchor Bay High School The Shoreliner Restaurant**, 1996 IESNA International Award of Merit, First Place Section

**Chippewa Valley Public Schools – Cherokee Elementary School Media Center**, 1995 International Award of Merit, First Place Section

### PM ENGINEER

- **Whitmore Lake High School**, 2007 PME Excellence in Design Honorable Mention

### ARTICLES AND PUBLICATION APPEARANCES

- "Geothermal for School," *ASHRAE*, May 2010
- "Take Another Look at Energy Efficiency," *College Planning & Management*, April 2010.
- "Michigan's Largest Geothermal System Cuts HVAC Costs by 35%," *Contractor Magazine*, April 2010.
- "Smooth Operators – Lowering a Building's Energy Tab with Building Commissioning," *CAM Magazine*, January 2008.
- "Better Design with AutoCAD MEP," *Autodesk*, 2008.
- "Whitmore Lake (MI) High School," *PM Engineer*, November 2007.
- "Little Green Schoolhouse Rises in Whitmore Lake," *CAM Magazine*, April 2007.
- "Underfloor for Technology Firm," *ASHRAE Journal*, April 2006.
- "Seeing the Light" Specialized Lighting Techniques at Uf of M and K-12 Facilities, *CAM Magazine*, September 2006, Vol.27 – No. 9
- "School of Thought" Lighting in K-12 Facilities, *CAM Magazine* September 26, 2006
- "School HVAC - Performing Arts & Aquatic Centers," *ASHRAE Journal*, May 2005.
- "DDC and PM at the U," *Consulting Specifying Engineer*, March 2004
- "Commissioning Buildings," *Michigan Contractor & Builder*, August 23, 2003
- "More Than Just a Pumping Conversion," *Engineered Systems*, October 1997.

- "Reliable, Efficient Systems for Biomedical Research Facility," *ASHRAE Journal*, May 1997.

### SPECIAL RECOGNITION AWARDS

- 2003 Michigan ESOP Company
- 1997 Wayne State University Facilities Planning and Management – Excellence in Architectural/Design Award for Helen Newberry Joy Administration Building
- 1995 Thomas & Betts Signature Award – Electrical Engineering Company of the Year
- 1995 and 2002 Future 50 of Greater Detroit – a program recognizing successful growth companies in Southeast Michigan