

**FIRST AND SECOND PLACE WINNERS**

**DESIGN CHALLENGE 1**

***First Place***

Montana State University

Students: Maisie Sulser  
Shannon Peterson

Advisor: Daniel Glenn

***Second Place***

Montana State University

Students: Eric Abrams  
Shawn Ronning

Advisor: Daniel Glenn

**DESIGN CHALLENGE 2**

***First Place***

University of Nevada Las Vegas

Student: Jeffrey Hsu  
Toni Stewart

Advisor: Patricia Stissi

***Second Place***

Montana State University

Student: Marissa Hatcher

Advisor: Tammy Minge

## **MERIT CITATIONS**

### **DESIGN CHALLENGE 1**

University of Tennessee – for Use of PV for Shading and Aesthetic Articulation

Student: Chris Collett

Advisor: Peter Lizon

Arizona State University – for Exceptional Integration of Engineering Passive Features

Student: Jaime Henderson, Jens Kolb, Aalok Deshmukh, Vaibhav Potnis

Advisor: Vidar Lerum

Montana State University – for Utilization of PV Shaded Courtyard as a Social Center

Student: Brian Brush

Advisor: Keith Anderson

Montana State University – for Innovative Integrated Cooling Strategies and Naturally Conditioned Outdoor Spaces

Student: Dusty Eaton

Advisor: Keith Anderson

Auburn University – for Courageous Use of Dynamic Façade and a Radiant Cooling Roof

Student: Logan Powell, Benjamin Strout, Timothy Gibson

Advisor: Bazaad Nakhjavan

Kent State University – for Use of Earth Sheltered Form

Student: Evan Zane, Adam O'Brien, Anthony Sarno, Marc Burgess

Advisor: Adil Sharag-Eldin

Virginia Polytechnic Institute – for Strong First Moves in Massing and Space Organization to Provide Passive Conditioning for All Spaces

Student: Jiang Wu, Min Liu

Advisor: Bill Galloway

University of South Australia– for Integration of Ventilation Towers to Condition Classrooms and Shared Office Spaces

Student: Michael Sheidow

Advisor: Jasmine Palmer

Universita di Bologna – for Clarity of Technical Analysis

Student: Claudia Sangiorgi, Marcello Dall'Olio

Advisor: Gabriele Giacobazzi

Universidad Autonoma de Yucatan – for Underground Classroom Scheme with a Compelling Above-Ground Office Element

Student: Rubi Rosado Castillo, Alfonso Rafael Garcia Dzib

Advisor: Hector Manuel Perez Palomo

Tianjin University – for Compelling Form Based on Natural Ventilation and Daylighting

Student: Fangliang Shen, Yan Guo, Guoqiu Zhao, Miao Liu

Advisor: Wei Wang

### **DESIGN CHALLENGE 2**

Montana State University – for Climatically Appropriate Architecture

Student: Nick Pancheau

Advisor: Tammy Minge

Montana State University – for Exploration of Innovative Design Strategies and Materials

Student: Dallas Huard, Kenneth Hintze

Advisor: Bill Rea

Montana State University – for Use of Evaporative Cooling Wind Towers and Rammed Earth

Student: Paige Johnson

Advisor: Lori Ryker

Orange Coast College – for Sensitive Integration and Resolution of Interior and Exterior Educational Spaces

Student: Rachael Deckard, Jose Belmontes, Bramley Birrer, Kathleen Virzi

Advisor: Rose Anne Kings

McGill University – for Innovative Passive Conditioning Strategies

Student: Andrey Dimitrov

Advisor: Nadia Meratla

West Valley College – for Dynamic Design Elements and Innovative Use of Evaporative Underfloor Displacement Ventilation

Student: Mark Scoggins, Frank Weihrauch

Advisor: Ed Janke

University Nevada Las Vegas – for Detailed Exploration of Sustainable Materials

Student: Chika Nakazawa, Marjorie Lazo, Cesar A. Solorzano

Advisor: Patricia Stissi