MICHIGAN STATE
U N I V E R S I T Y

10/29:
Design Day and the Project Video

The Capstone Experience

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Fall 2012

From Students…
…to Professionals

Design Day Overview

- MSU Union
- Friday, December 7, 6:30am – 2:30pm
- Exhibits of Design Projects
  - From Entire College of Engineering
  - Visitors Include
    - Faculty
    - Family and Friends
    - Corporate Sponsors
    - Middle and High School Students
- Dress is Business

Design Day Activities

- 6:30 a.m. Setup and Donuts
- 7:00 a.m. All-Hands Photo
- 7:30 a.m. - 11:45 a.m. Presentations to Judges
  - See [Schedule](#)
  - Lake Ontario Room (Third Floor)
- 7:30 a.m. - 12:30 p.m. Team Exhibits
- 12:00 p.m. Free Lunch
- 12:30 p.m. Tear Down
- 1:15 p.m. Awards Ceremony
- 2:30 p.m. Debriefing Meeting
  - All-Hands
  - Families and Friends
  - Judges
  - Corporate Visitors

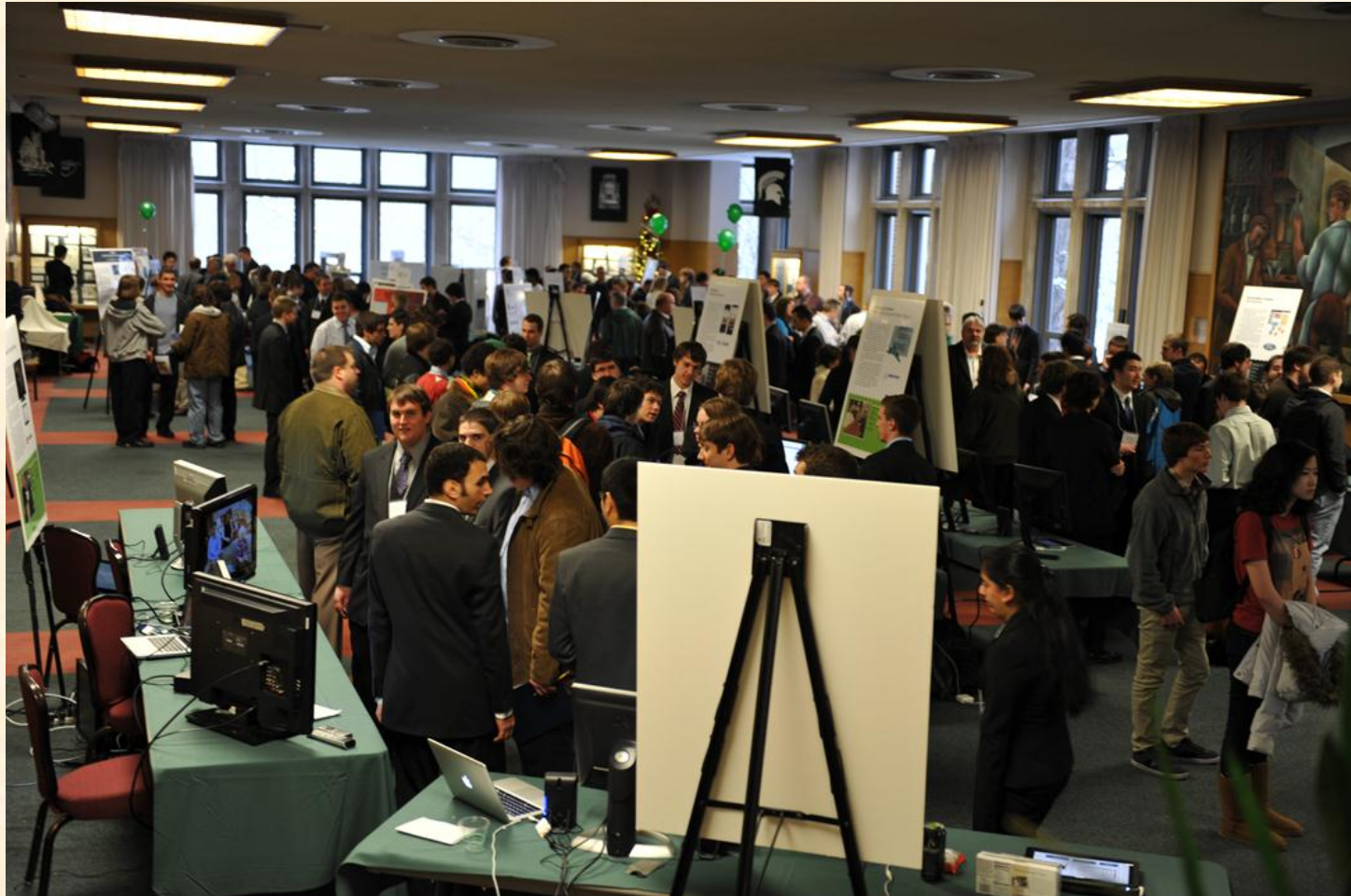# Design Day Activities

All-Hands Photo

Design Day Activities

- Table
- iMac
  - For Software
  - For Project Video
- Other Device(s)
  - MacBook Pro
  - iPhone/iPad
  - Android
  - STB
  - Etc..
- Poster
  - DD Booklet Page
  - Provided by Dr. D.

Design Day Activities

Main Lounge

Design Day Activities

High School Student

Design Day Activities

Faculty

Design Day Activities

Design Day Activities   Middle School Students

Design Day Activities

Families and Friends

Design Day and the Project Video

Design Day Awards

- [Awards](#)
  - Auto-Owners Exposition Award
  - Chrysler Praxis Award
  - TechSmith Screencast Award
  - Urban Science Sigma Award
- ~12 [Judges](#)
- Based On
  - Project Plan
  - Project Video
  - Design Day
    - Exposition
    - Presentation to Judges

Design Day Awards

Viewing a Project Video

Design Day Awards

Design Day Awards

Sponsors and Families

Design Day Awards
Judges at the Exhibits

Design Day Awards

Awards Ceremony

Design Day Awards

Award Ceremony

Project Video

- Tells Project Story
  - The "Problem"
  - Your "Solution"
    - Architecture
    - Some Technical Details
  - Software Demo
  - Acknowledgements
- 10-12 Minutes in Length
- Professional
- Lots of Work

Project Video How To

- Story Board
  - Plan Video and Audio
  - Very Specific
- Capture Video
  - Screen Video or Shots
  - Photographs
  - Digital Video
- Capture Audio
  - Write Script
  - Record in Telecomm Sound Studio

Project Video How To

- Edit
  - Video
  - Audio
  - Use
    - Camtasia
    - Other Software of Your Choice
- Produce
  - .wmv
  - Other Formats of Your Choice

Project Videos

- See [Archives](#)

- Examples
  - Ford
    [Ford Conference Room](#) ▶
  - Medtronic
    [Mobile Health Management System](#) ▶
  - TechSmith
    [Screen Capture Multi-Image Output Accessory for SnagIt](#) ▶