

MICHIGAN STATE

UNIVERSITY

03/12:

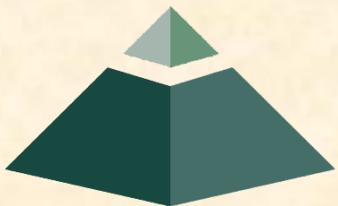
Design Day and the Project Video

[The Capstone Experience](#)

Dr. Wayne Dyksen

Department of Computer Science and Engineering
Michigan State University

Spring 2012



*From Students...
...to Professionals*

What's left?

- 03/12: Design Day and the Project Video
- 03/14: Camtasia Demo
- 04/02: Beta Presentations (3 Weeks)
- 04/23: Project Videos (6 Weeks)
- 04/25: All Deliverables (6 Weeks + 2 Days)
 - Project Plan
 - Manuals
 - Source Code
 - Project Video
 - Team Evaluation Form
- 04/26: Design Day Setup, 2:30pm
- 04/27: Design Day, 6:30am



Design Day Overview

- MSU Union
- Friday, April 27, 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



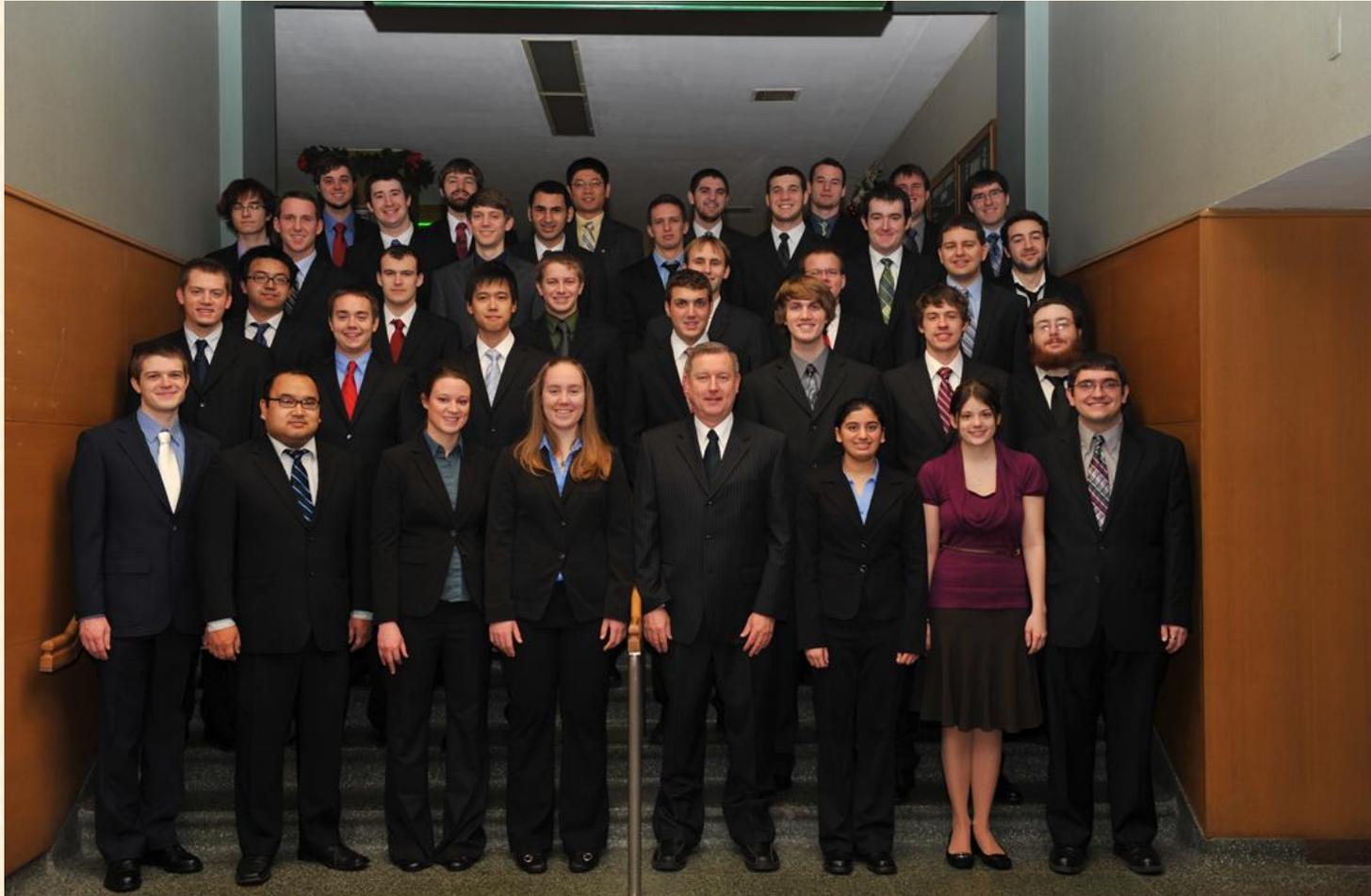
Design Day Activities

- 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)
- 8:00 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
 - Judges
 - Corporate Visitors
 - Families and Friends



Design Day Activities

All-Hands Photo



Design Day Activities

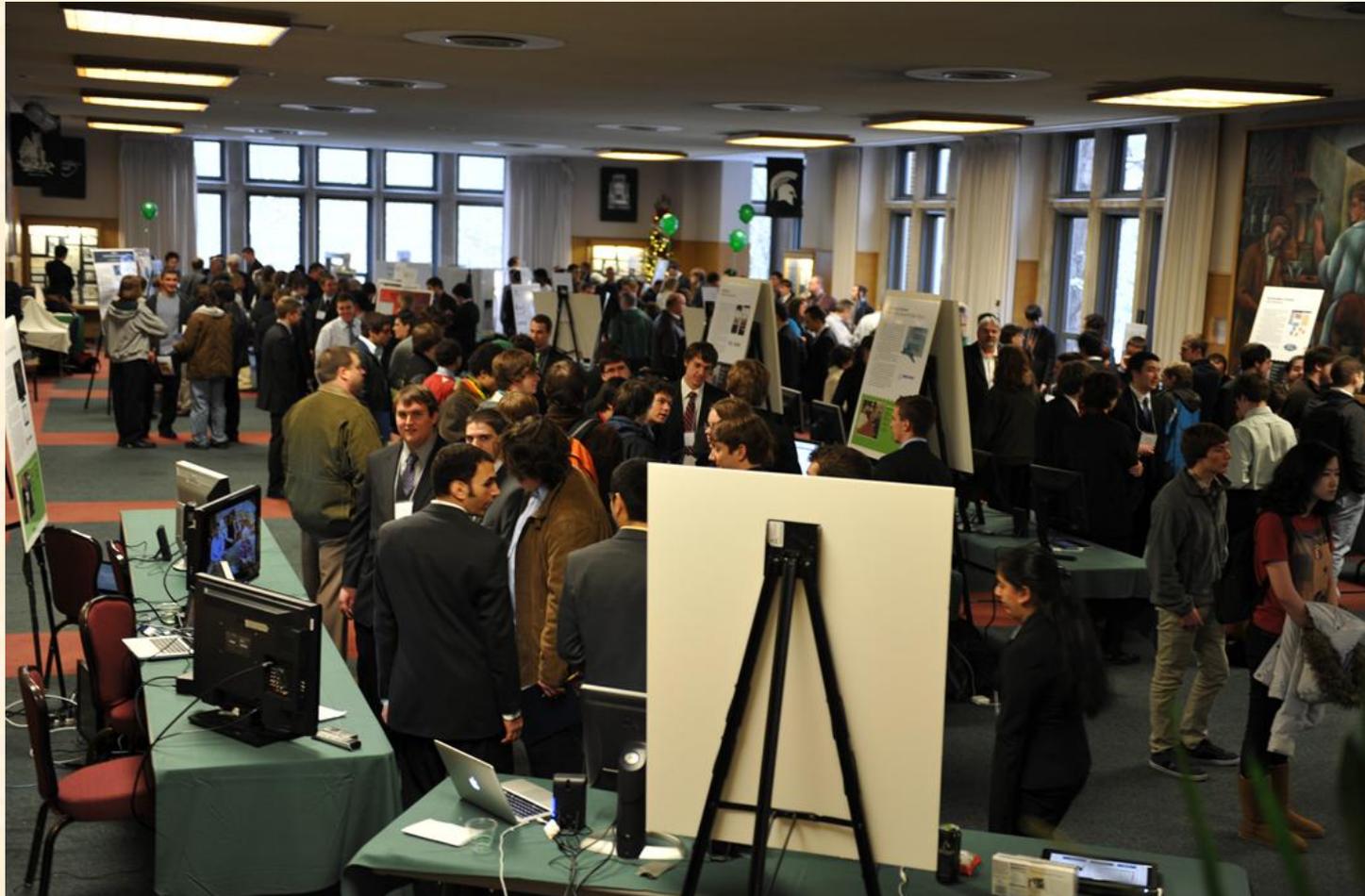
Team Exhibit

- 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

Middle School Student



Design Day Activities

Faculty



Design Day Activities

Sponsors



Design Day Activities

Middle School Students



Design Day Activities

Families



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

Judges' Questions



Design Day Awards

Sponsors and Families



Design Day Awards

Judges at the Exhibits



Design Day Awards

Award Ceremony



Project Video

- Tells Project Story
 - The “Problem”
 - Your “Solution”
 - Architecture
 - Some Technical Details
 - Software Demo
 - Acknowledgements
- 10-15 Minutes in Length
- Professional
- Lots of Work



Project Video How To

(1 of 2)

- 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

(2 of 2)

- 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](#) 

