



Applied Ergonomics Conference: The Ergo Cup Competition

Applied
Ergonomics

Ergo Cup ©
Competition

Wayne Maynard
Ergo Cup Co-
Chair

Karl Siegfried
Ergo Cup Co-
Chair

Slide 1



Overview

- The goal of this competition is to recognize outstanding results from innovative ergonomics solutions and education in the workplace.
 - ➔ Innovation is defined as "A new device or process created by study and experimentation".
- We strive for this to be a friendly competition for all participants
- Any organization that can demonstrate an effective ergonomics solution or education initiative within the last 24 months is eligible to compete.
- **New! Booths need to be set up Monday by 4:00pm**

Applied
Ergonomics

Ergo Cup ©
Competition

Decision 1: Which Category?

- There are four Ergo Cup Categories
 - ➔ Team-driven workplace solutions
 - ➔ Team-driven workplace solutions for companies with internal competitions
 - ➔ Engineering/Ergonomist-driven workplace solutions
 - ➔ Ergonomic Program Improvement Initiatives.

Consequently, off-the-shelf improvements will not be considered (even if they are great ergonomics solutions and generate an excellent ROI). Innovation is defined as "A new device or process created by study and experimentation".



Team Driven Workplace Solutions

■ Requirements:

- ➔ At least 75 percent of the problem-solving effort is conducted by in-house individuals whose primary responsibilities involve production and maintenance.
- ➔ Some technical support by in-house health and safety, engineering/ergonomist staff is permitted as members of the team or as support of the team.
- ➔ Support from outside consultants is permitted but only company representatives are permitted on the presentation team if selected as an Ergo Cup contestant.

Applied
Ergonomics

Ergo Cup ©
Competition



Team Driven Workplace Solutions With Internal Competitions

■ Requirements:

- ➔ At least 75 percent of the problem-solving effort is conducted by in-house individuals whose primary responsibilities involve production and maintenance.
- ➔ Some technical support by in-house health and safety, engineering/ergonomist staff is permitted as members of the team or as support of the team.
- ➔ Support from outside consultants is permitted but only company representatives are permitted on the presentation team if selected as an Ergo Cup contestant.

Applied
Ergonomics

Ergo Cup ©
Competition

Engineering/Ergonomist Driven Workplace Solutions

■ Requirements:

- ➔ At least 75 percent of the problem-solving effort is conducted by in-house engineers and ergonomists.
- ➔ Some technical support from outside consultants is permitted, but most activities are conducted by in-house resources.
- ➔ Only company representatives are permitted on the presentation team if selected as an Ergo Cup contestant.

Applied
Ergonomics

Ergo Cup ©
Competition

Ergonomics Program Improvement Initiatives

■ Requirements:

- ➔ **Must be a planned ergonomic program improvement initiative, process or management system designed to improve the effectiveness of a location's overall comprehensive ergonomics program.**
 - Examples include, but are not limited to: ergonomics training programs, incorporation of ergonomics into change management systems, ergonomics risk assessment processes, ergonomic prioritization systems, return-to-work programs, office ergonomic programs, and ergonomic programs designed for mobile and/or telecommuter employees.

Applied
Ergonomics

Ergo Cup ©
Competition

Application Form

- **Contact Information**
- **Name of Organization or Company**
- **Team Leader Main Contact First Name: *Last Name:**
- ***Title: ***
- **Address: * City: * State/Prov.:**
Postal/Zip: * Country:
***Phone: * Fax:**
- **Email: ***
- **List Team Members and email addresses**

Applied
Ergonomics

Ergo Cup ©
Competition

General Information

- **Location of Plant being Demonstrated**
- **Location of Corporation/Organization Headquarters**
- **Title of Entry (please limit to 10 words or less)**

Applied
Ergonomics

Ergo Cup ©
Competition



The Heart of the Matter

- **Presentation Description: Please include a 50-100 word description**
 - ⇒ **First chance to grab committee's attention**
 - ⇒ **Watch for company or industry specific terms that others may not be familiar with**
 - ⇒ **Basic outline of project description, scope etc.**

Applied
Ergonomics

Ergo Cup ©
Competition

Problem Description

- Provide a couple of sentences on what the problem was.
 - ⇒ Should be quantitative if possible
 - ⇒ Keep brief and to the point
 - ⇒ Be descriptive. Remember committee needs to understand the problem to correctly evaluate project for admission into competition.

Solution or initiative

- Provide a few sentences on what you did for your solution or education initiative.
 - ⇒ Keep brief and to the point
 - ⇒ Be descriptive. Remember committee needs to understand the solution or initiative to correctly evaluate project for admission into competition.
 - ⇒ Should be in place for at least a year

Outcomes

- What **actual** measurable outcomes resulted from your solution or education initiative?
 - ⇒ Return on investment
 - ⇒ Quantified reduction of risk
 - ⇒ the metrics of safety, quality, delivery, and cost
- Measurable outcomes are critical to be selected to participate as well as be competitive in the competition.
- Be as specific as you can. This is what people want to see.



Judging Criteria

- Program improvement initiative is innovative
- Clear measurable performance objectives that were met
- Improvement approach simple & straightforward
- Improvement is sustainable
- Lead to significant ergonomics solutions and/or prevention of risk exposures.

Applied
Ergonomics

Ergo Cup ©
Competition



Judging Criteria

- Program initiative led to business gains, ROI and/or reduction of disability costs.
- ROI should be actual results in place at least one year.
- Presentation quality was excellent including
 - ⇒ Problem statement
 - ⇒ Clear descriptions
 - ⇒ Metrics with visuals

Applied
Ergonomics

Ergo Cup ©
Competition



Judging Categories



Ergo Cup Competitors – XX Booths

The goal of the Ergo Cup Excellence Award is to afford AEC attendees to recognize and encourage the development of innovative ergonomics solutions and education in the workplace. Winners will be announced and presentations will be made during the awards ceremony on Thursday, March 29. Please place your ballots in the ballot box at the conference registration desk before **Wednesday at 1:30 PM**.

You are voting for one entry in each of the five categories listed below. If you have any questions, please check with the attendant at the conference registration desk.

1. Innovation—The entry represents newly created devices or processes (for workplace solutions), delivery approaches (in the case of training), or was created or significantly improved through study and experimentation
2. Simplicity—The solution or training is simple and straightforward
3. Cost savings—The entry provides an attractive Return on Investment (ROI)
4. Ergonomic risk—The solution or education approach significantly reduces or eliminates ergonomic risk
5. Presentation quality—The problem, solution and impact are clear

Please identify which entry best exemplifies each category.

Organization	Booth #	Title of Entry	Innovation	Simplicity	Cost Savings or ROI	Ergonomic Risk Reduction	Presentation Quality

Who Are the Judges

- Judges are experienced practitioners in the field of Ergonomics. Made up of:
 - ⇒ Ergo Cup Committee Members
 - ⇒ Attendee judging panel volunteers (most with multi year experience)



Ergo Cup Committee 2013/2014

Applied
Ergonomics

Ergo Cup ©
Competition

Ergo Cup	
Karl Siegfried	MEMIC
Wayne Maynard	Liberty Mutual Insurance
Dan Gottesman	The Boeing Company
David Hayes	Tyson Foods, Inc.
David Trippany	Steelcase Inc.
Don Robinson	Norfolk Southern
Holly Wick	3M Center
Jeffrey Hoyle	The Ergonomics Center of NC
Jessica Ellison	EORM
Josh Kerst	Humantech, Inc.
Monica Matlis	Axendia, Inc.
Vic Garrison	Liberty Mutual Insurance
William Lenharth	University of New Hampshire
Paul Grenier	CNA Insurance



Judging at Conference

- At the conference, each team will be judged by members of the ergo cup committee who determine the winner of the ergo cup.
- In addition to the ergo cup, five excellence awards are also presented. These are voted on by conference attendees. One award is presented for each of the five judge criteria.
 - ⇒ Innovation
 - ⇒ Simplicity
 - ⇒ Cost savings/RIO
 - ⇒ Ergonomic Risk Reduction
 - ⇒ Presentation Quality

Applied
Ergonomics

Ergo Cup ©
Competition



Remember

The general theme across all Ergo Cup categories is innovation.

It is a friendly competition.

All teams are given the opportunity to present their project to Ergo Cup Judges and Conference attendees.

Off-the-shelf improvements will not be considered (even if they are great ergonomics solutions and generate an excellent ROI).

Applied
Ergonomics

Ergo Cup ©
Competition