

C E M M

CENTER FOR EXCELLENCE IN MANUFACTURING MANAGEMENT

January 2005

CEMM 2004 Highlights !

In 2004 the CEMM celebrated twelve years as a successful and self-supporting partnership between business leaders and educators dedicated to world class excellence in manufacturing management.

We thank each of the CEMM member companies for their support and involvement last year.

- We welcomed Diamond Innovations as the newest CEMM member! Diamond Innovations is the inventor and one of the world's leading suppliers of manufactured diamond, cubic boron nitride (CBN), polycrystalline diamond and CBN products. All are used in machining, cutting, grinding, polishing and drilling. With sales offices in more than 25 countries around the world, serving a vast global customer base, the company operates manufacturing facilities in Worthington, Ohio, and in Dublin, Ireland.
- The products and services of six CEMM member companies were recognized with displays in the lobby of Management Sciences department in Fisher Hall. The following companies participated: Rolls Royce Energy Systems, TimberTech, Crane Products, TI Automotive, Longaberger and Copeland.
- Jim Foster, the Women's Basketball Coach, addressed the CEMM Board on leadership and team building. Our board is composed of key leaders from each of our member companies.
- The CEMM awarded 5 academic scholarships to MBA students studying Operations Management. All of these scholarships were funded by our member companies.
- Over 600 managers attended our Professional Development Seminars to hear business leaders share their successes and challenges in continuous improvement, lean management and performance improvement initiatives.
- Ross Products Division of Abbott Laboratories was awarded the Fisher College of Business Annual Diversity Award. The CEMM was proud to nominate this community leader for its strong human resource management programs.
- CEMM Research Director Peter Ward received the coveted Shingo Award and was promoted to Management Sciences Department Chair.
- The CEMM continued to be member driven offering education, networking and research benefits for many individuals and companies.

And best of all, the CEMM had the opportunity to work with so many wonderful managers who are committed to excellence in all that they do. The faculty and staff of the CEMM thank you and wish you all continued success in 2005.

Nancy Lahmers
CEMM Administrative Director

Longaberger Hosts Student

Students from around the world visited the Longaberger Company and learned about its rich tradition of basket making and sales. These students participated in the CIBER Case Challenge for undergraduates at Fisher College of Business in November.

Twelve global university teams visited the company's headquarters in Newark and the manufacturing campus in Frazeyburg where they met with key business leaders and watched the production process. The Travel Channel was filming at the Longaberger Company during the students' visit and several were interviewed for a future segment on the television show.

Participating schools included Copenhagen Business School (Denmark), Georgia Institute of Technology, Hong Kong University of Science and Technology (China), Fisher College of Business at Ohio State, Tecnológico de Monterrey (Mexico), University of Dublin (Ireland), University of Michigan, University of North Carolina-Chapel Hill, University of Wisconsin-Madison, San Diego State University, University of Southern California and Brigham Young University.

The competition's 17 judges included executives from Accenture, Ashland Specialty Chemical Company, Ford Motor Company, IBM Corporation, PPG Industries and Worthington Industries. Teams were judged on the content of their suggested strategies as well as the style of delivery of their presentations.

Our thanks to Jim Gimeson, Vice President of Manufacturing and Human Resources, and to Mike Krall, Workshop Manager – Lean, and to all of their team members at The Longaberger Company for their support and encouragement for the Fisher College of Business.

Benefits of CEMM Membership

- Professional Development Seminars led by leading business executives.
- Networking forums focusing on continuous improvement and lean management.
- Cutting edge research by the Management Sciences faculty at The Ohio State University who are ranked 9th in the U.S. according to *U.S. News and World Report*.
- Access to the top undergraduate, MBA and PhD students at The Fisher College of Business through internships, class projects and career placements.
- Brainstorming Sounding Boards on critical business issues.
- Networking in the Lean Leaders Forum, Women in Manufacturing Leadership Forum and the Administrative Assistants Seminars.

Mark Your Calendars Now! Future Quarterly Seminars:

February 4, 2005
May 13, 2005
August 5, 2005
November 11, 2005

February 17, 2006
May 19, 2006
August 18, 2006
December 1, 2006

Center for Excellence in Manufacturing Management

Future Quarterly Professional Development Seminars

Morning (CEMM Members Only)

February 4, 2005 - 10:30 a.m.

Kathleen Smith, Director Diversity, Inclusion and Worklife
Ross Products Division of Abbott Laboratories
“Effectively Managing Diversity in the Workplace.”

May 13, 2005 - 10:30 a.m.

Jeffery Rodger, Business Development Manager, and Todd Manifold, General Manager
Mettler Toledo
The Creation of a Breakthrough Manufacturing Technology Designed Through a “Collaborative Development Model” to Provide Significant Competitive Advantage.

August 5, 2005 - 10:30 a.m.

Bob Higgins, Vice President Manufacturing, Candle-lite Division of The Lancaster Colony Corp.
“The Successful Implementation of Lean Management into a Traditional Manufacturing Environment at Candle-lite to Increase Productivity in a Globally Challenged Business.”

November 11, 2005 - 10:30 a.m.

Jay Mortensen, CPA
Director of Target Costing and Cost Engineering, Maytag Corporation
“Tactical Execution of Design for Manufacturability in a Manufacturing Environment.”

Afternoon (Open to All Manufacturing Managers)

February 4, 2005 - 1:00 p.m.

Jonathon H. Markey, President and Mitchell Krugel, Continuous Improvement Mentor, North Jersey Media Group
“The Lean Newspaper: A Publishing Company’s Journey to Lean Office”

May 13, 2005 - 1:00 p.m.

Kent Sears, Vice President
Manufacturing Processes and Global Manufacturing System Implementation General Motors North America
“Continuous Improvement at General Motors”

August 5, 2005 - 1:00 p.m.

Donna Demerling, Vice President - Supply Chain Transformation
The Timken Company
“The Transformation of the Global Supply Chain.”

November 11, 2005 - 1:00 p.m.

James Gimeson, Vice President of Manufacturing and Human Resources,
The Longaberger Company
“Redesign of Individualized Craft Work into a Lean Cell Manufacturing Process.”

TI Automotive Focus of Display Case

Since joining the CEMM in 2003, **TI Automotive** has shared their vision and methods for lean management (Common Sense Manufacturing) with member companies. Mike Tanner, Group Plant Manager, believes that interaction with other companies and lean practitioners through the CEMM will enable TI to be more successful.

TI's global sales are \$2.2 billion with 106 manufacturing sites and 20,000 employees. With the auto industry as their major customer, they produce brake lines, fuel lines, EGR tubes, transmission tubes, fuel pumps, fuel modules, fuel tanks and control valves, transmission and engine oil cooler lines.



On October 27th TI Automotive welcomed the lean leaders from CEMM Member Companies to their plant in Hebron for a “hands-on” educational day on total Preventive Maintenance. Twenty-six lean leaders attended the session from the following companies: Copeland, Crane, Diamond Innovations, Diebold, Greif, Marzetti, Longaberger, Rolls Royce, Ross, TI Automotive, Mettler Toledo, and Scotts.

Mike Stewart, the Plant Manager at Hebron, welcomed the group. Then Eva Stewart, the Lead Manufacturing Coordinator for TI, conducted a morning session discussing the details

CEMM presents TI Leadership Team with OSU Print as a “Thank You” of the Total Preventive Maintenance Program. At the end of the morning session, the participants were divided up into teams. Each team was assigned a work station in the plant. Also, a TI Automotive TPM resource person was attached to each team, and maintenance and operations personnel were made available to assist each team. During the afternoon the teams applied the knowledge gained in the morning session to their work station. At the end of the day, each team presented a report detailing the recommendations for improvement for their work station. The session ended with a general discussion of the key issues in implementing Total Preventive Maintenance programs, and the participants sharing their experience with this type of program at their plant.

Our thanks to **TI Automotive** for all of their involvement and support to the CEMM.

Welcome To James A. Hill

Assistant Professor, Management Sciences



James A. Hill has been appointed assistant professor of management sciences. He conducts research on production planning and control systems in process industries, including master production planning,

inventory management, supply chain management and supplier development programs.

James joined Fisher College after teaching at Vanderbilt University. He taught courses in operations management, operations planning and control systems and supply chain management. Prior to teaching, James spent five years with Pepsi Cola as a production manager and supplier development manager.

James earned a PhD in operations management at The Ohio State University, an MBA at Case Western Reserve University and a BS from the University of Dayton. Say “hello” to him at future CEMM events.

CEMM Members Support Community

Mettler Toledo is a gold sponsor of the 2004 TopCAT's Award at the Columbus Technology Council's Advancement of Technology Awards Banquet.

Crane Plastics Company, The Longaberger Company, Ross Products Division of Abbott Laboratories and The Scotts Company are all members of the Business Buddy Program at Columbus Children's Hospital.

TimberTech Receives Emerging Entrepreneur Award

Stewart Kemper, President of TimberTech, a division of Crane Plastics Company, received the 2004 Emerging Entrepreneur Award from Ernst & Young. TimberTech is a leading manufacturer of wood composite decking and railing products. They are located in Wilmington and employ 211 with \$55 million in 2003 revenue.

In addition to the Award, TimberTech has become a lifetime member of the Entrepreneur of the Year Hall of Fame. Our congratulations to everyone at TimberTech! Crane Plastics has been a member of the CEMM since 1998. Paul Mollinger is their representative on the CEMM Board.



CEMM Calendar

Upcoming Events:

- Jan. 13: Management Sciences Department Open House for Operations Management Majors
- Jan. 25: Southside Manufacturers Forum at Hirschvogel
- Jan. 31: Cost of Quality Roundtable with Timken
- Feb. 4: Professional Development Seminar
- Feb. 9: Common Sense Manufacturing Update at TI Automotive

Center for Excellence in Manufacturing Management

Member Companies

ABB, Inc.
Boehringer Ingelheim/Roxane
Copeland Corporation / Division of
Emerson Electric
Crane Plastics Company
Diamond Innovations, Inc.
Diebold, Incorporated
Greif Inc.
Lancaster Colony
Longaberger Company

Mettler Toledo
Rolls-Royce Energy Systems, Inc.
Ross Products / Division of Abbott
Laboratories
The Scotts Company
Sonoco-Phoenix
TI Automotive
The Timken Company
Tosoh SMD, Inc.

Co-Directors

William L. Berry (614) 292-3173
John F. Dix (614) 457-6543

Administrative Director

Nancy Lahmers (614) 292-2975

Associate Director—Research and Communications

Peter Ward (614) 292-5294

MBA Assistant Coordinator

Geoff Merchant

Office Administrative Associate

Jackie McClure

Intern Project Coordinator

David Schilling (614) 292-3157

CEMM Distinguished Fellows

Tom Wallace
John F. Dix
David S. Hoyte
Larry P. Ritzman
Peter T. Ward

CEMM Office

Fisher College of Business
660 Fisher Hall - 2100 Neil Avenue
Columbus, OH 43210
(614) 292-3199
Fax: (614) 292-1272

Visit our web site at fisher.osu.edu/cemm