

**CANTON JOINT ENGINEERING
COUNCIL MEMBER SOCIETIES
2014-2015 CHAIRPERSONS**

American Society of Civil Engineers President – Jennie Celik, P.E.	ASCE
American Society of Highway Engineers President – Richard A. LaRocco, P.E., P.S.	ASHE
American Society of Mechanical Engineers Chairman – Tom L. Davis	ASME
American Society for Metals Chairman – Ashley Lane	ASM
Canton Regional Society of Professional Engineers President – Richard A. LaRocco, P.E., P.S.	CRSPE
Institute of Electrical and Electronic Engineers Chairman – Walter Pechenuk	IEEE
Society of Manufacturing Engineers Chairman – Tim Seifert, P.E.	SME
Stark State College Geoff Wopershall, P.E., Assistant Professor	Education
University of Mount Union Dr. Osama Jadaan, Professor	Education
University of Akon Heidi Cressman, Director of Women in Engineering Program	Education

Welcome to the
**SIXTY-FOURTH ANNUAL
NATIONAL ENGINEERS WEEK BANQUET**

Monday, February 23, 2015
Skyland Pines Lodge
Canton, Ohio

Sponsored by
CANTON JOINT ENGINEERING COUNCIL
Established by
**CANTON REGIONAL SOCIETY OF PROFESSIONAL
ENGINEERS**



Visit our website at: www.cjecnet.com

Canton Joint Engineering Council (CJEC)

The Canton Joint Engineering Council, comprised of delegates from seven engineering societies in the Stark County area, was formed by the Canton Regional Society of Professional Engineers in 1970. Its primary function is to coordinate and manage the National Engineers Week banquet held each year in February during the week of George Washington's birthday. In addition to the banquet, highlighted by a top quality speaker, CJEC Engineers Week activities include an engineering design event for high school students held at Stark State College, a MATHCOUNTS contest for 6th through 8th grade students, and the Engineer for a Day program in which engineering minded high school students visit area companies to view applied engineering.

Other functions of CJEC throughout the year include the awarding of scholarships to deserving college engineering students and maintaining a website, www.cjecnet.com. CJEC maintains a technical society program directory so that each engineering group can be informed of other technical programs in the area.

ENGINEERS WEEK COMMITTEE

Chairman.....	Rick Buchanan, PE, IEEE
Scholarships/Awards.....	Carla Giacobone, ASM Rick Buchanan, PE, IEEE
Programs	Reneé Whittenberger, PE, ASCE
Engineer for a Day.....	Brian Werner, PE, ASME
MATHCOUNTS.....	Tim Boron, PE
Website	Scott Dilling, PE, CRSPE
Reservations.....	Jennifer Arn Scott Dilling, PE, CRSPE
Master of Ceremonies.....	Charles Hammontree, PE, PS, ASHE

CANTON JOINT ENGINEERING COUNCIL OFFICERS

President	Rick Buchanan, PE, IEEE
Vice President	Rich LaRocco, PE, PS, ASHE
Treasurer	Carla Giacobone, ASM
Secretary	Dick Cook, PE, PS, ASCE
Executive Secretary	Scott Dilling, PE, CRSPE

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professional development credits!*

NATIONAL ENGINEERS WEEK 1952-2015

Founded by the National Engineers Week Committee, chaired by the National Society of Professional Engineers and IBM, this week is celebrated near the time of George Washington's birthday. The nation's first president was a military engineer and land surveyor. He produced land surveys and designed canals, roads, bridges and fortifications long before the Revolutionary War.

ENGINEER'S CREED

As a professional engineer, I dedicate my professional knowledge and skill to the betterment of human welfare.

I PLEDGE:

To give the utmost of performance;

To participate in none but honest enterprise;

To live and work for according to the laws of man and the highest standards of professional conduct.

To place service before profit, the honor and standing of the profession before personal advantage, and the public welfare above all other considerations.

In humility and with need for divine guidance, I make this pledge.

ENGINEERS WEEK BANQUET

MONDAY, February 23, 2015

SKYLAND PINES LODGE

3550 Columbus Road NE, Canton, Ohio

Welcome.....	Rick Buchanan, PE, IEEE
Pledge of Allegiance.....	Dick Cook, PE, PS, ASCE
Invocation.....	Dick Cook, PE, PS, ASCE
Master of Ceremonies.....	Charles Hammontree, PE, PS, ASHE
Dinner.....	7:00 PM
Presentation of Awards.....	Charles Hammontree, PE, PS, ASHE
Introduction of Speaker.....	Charles Hammontree, PE, PS, ASHE
Speaker.....	Kirt Conrad, Stark Area Rapid Transit Authority Director (SARTA)
Closing/Raffle.....	Charles Hammontree, PE, PS, ASHE

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How Will We Power the Future?



Mr. Kirt Conrad,
Stark Area Rapid
Transit Authority
Director (SARTA)

Kirt Conrad has been the Executive Director/CEO of the Stark Area Regional Transit Authority (SARTA) in Canton, Ohio since 2009. SARTA operates 100 buses with 200 employees. Last year nearly 2.7 million passenger trips were transported by 30 fixed routes or demand response service throughout Stark County. SARTA opened Northern Ohio's first public-private Compressed Natural Gas (CNG) fueling facility. By midsummer, 40 vehicles will be powered by CNG. Over 70,000 gasoline gallon equivalent is dispensed from the CNG station per month. SARTA also operates diesel electric hybrids, biodiesel, and dual fuel GNC/DIESIL vehicles. They are also working with FTA, Ballard, BAE, and El Dorado to deploy Ohio's first long term fuel cell bus demonstration.

From 1996, Kirt worked for the METRO Regional Transit Authority in Akron as planner, grants manager, and planning director. He serves on Calstart's fuel cell infrastructure advisory board for public transit and the Ohio Fuel Cell Coalition's Government Affairs Committee. Kirt is also president of the Transit Health Pool of Ohio, the vice president of the Ohio Public Transit Association and treasurer of the Ohio Transit Risk Pool.

ASHE Awards

Outstanding Highway Project of the Year

Under \$3 million: Paris Avenue/Easton Street Roundabout
DLZ (designer), Central Allied Enterprises (contractor), Stark County Engineer's Office (owner)

Over \$3 million: ATB – 531 – 2.40/2.90 Roadway/Slope Stabilization and Reconstruction

KCI Associates of Ohio (designer), Mark Haynes Construction (contractor), ODOT District 4 (owner)

CRSPE Awards

Imagine Engineering 2nd Grade Coloring Contest

Abigail Hartzell from Strausser Elementary

Kenzie Tran from Sauder Elementary

Lucas from Tuslaw Elementary

\$1500 Scholarships:

Emily Gudaitus, Ohio Northern University

Dylan G. Peoples, The University of Akron

Matthew Rehfus, Ohio State University

Kyle J. Zepp, University of Toledo

MATHCOUNTS

MATHCOUNTS was held February 14 at Stark Parks Exploration Center. Winners qualify for state competition.

2015 Canton Chapter MATHCOUNTS Winning Team

Jackson Memorial Middle School

Coach: Kelly Putney

Zaid Siddiquee, Pete Jordanides, Victor Berni, and Mark Dilling

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HONORS AND AWARDS

CJEC Scholarships

\$500, Stark State Students

Emily Jones - Design Engineering Technology

Alex Kouskouris- Mechanical Engineering Technology

Joseph Stutzman- Civil Engineering Technology

Mike Griffith- Electrical Engineering Technology

\$1000

Dana Cressman – The University of Akron.

Dana Cressman is entering her Junior year working toward a degree in Chemical Engineering. She has maintained a 4.0 GPA and is an active member of the American Institute of Chemical Engineers as well as the Society of Women Engineers having recently been appointed as Treasurer. She is also involved in the NASA Robotics Team as a computer programmer while also coordinating the team's outreach and volunteer events. Last year, the team placed 3rd at the National Robotic Mining Challenge in Florida. Dana has also volunteered through Make a Difference Day, where students from The University of Akron go into the surrounding community and work on a variety of community service projects ranging from Habitat for Humanity to cleaning up parks to helping out churches, and Replay for Kids, which is an ongoing series of events where new and broken toys are brought to The University of Akron and are repaired or modified by engineering students for children with disabilities.

It is with great pride that CJEC is awarding Dana with a \$1,000 scholarship to help further her education pursuits.

SME Scholarships

Tyler Basch –Design Engineering Technology

Ike Mann- Mechanical Engineering Technology

He received a Bachelor in Political Science from Kent State and a Master of Public Administration from the University of Akron. He recently completed a Graduate Certificate in Finance from the Grenoble Graduate School of Business in Grenoble, France and is currently pursuing a Doctorate of Business Administration at Grenoble Ecole de Management focusing on the development of hydrogen fueling infrastructure.



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ENGINEER FOR A DAY

This event is an opportunity for High School juniors and seniors to spend a day with an engineer at companies throughout Stark County during Engineers Week.

18 Participating Schools (121 Students Total)

School (Number of students registered)

Canton Early College HS (5)	Canton South HS (3)
Central Catholic HS (10)	Dalton HS (3)
GlenOak HS (8)	Fairless HS (1)
Hoover HS (10)	Jackson HS (29)
Lake Center Christian HS (3)	Louisville HS (9)
Marlington HS (6)	McKinley Senior HS (3)
Minerva HS (8)	Northwest HS (3)
St. Thomas Aquinas HS (8)	St. Vincent St. Mary (4)
Timken HS (2)	Tuslaw HS (6)

Participating Companies

Bridgestone Americas Tire Operations
Canton City Engineering Dept.
Hammontree & Associates, Limited
Hilscher-Clarke
LG Fuel Systems
Marathon Petroleum Company
ODOT District 4
Stark County Engineer
The Timken Company
Stark State College of Technology
University of Mount Union

THANK YOU TO OUR SPONSORS

The Canton Joint Engineering Council wishes to express sincere appreciation to the following organizations for their contributions to the success of our National Engineers Week programs.

Thank the following sponsors for contributions to the National Engineers Week programs and Scholarship Fund.

Major Sponsors

ARCADIS US Inc
The Beaver Excavating Company
Hammontree & Associates, Ltd
Hendrickson International
IEEE
Leidy Engineering Sales, Inc.

Support Sponsors

IBI/ME Companies

Special thanks to The Timken Company and Marathon Petroleum for their commitment of resources supporting the Engineer For a Day program.

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