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PRESIDENT'S MESSAGE

By Richard Smelker FCC President



Hello again FCC members. We are now in our third month of activities. The Fall OSPE Continuing Professional Development (CPD) Conference, "Emerging Issues in Engineering Management," November 7 & 8, 2013, at Grand Oaks Business Center in Columbus is coming.

Come get 15 CPD hours by attending the entire two day program.

The Imagine Engineering Program is now under way. Material is being sent to the elementary schools. We can expect numerous schools to respond. We, as professional engineers, will visit those schools that have requested an engineer to explain our profession.

Our booklet that we have available illustrates three different types of engineers; Electrical, Mechanical and Civil, with a hint of software engineering. The Imagine Engineering Coloring Program, sponsored by the Engineers Foundation of Ohio (EFO), established in 1999, is a statewide education program for second graders.

This program allows second grade teachers to schedule an in-class visit from a member of FCC. The engineer visits the classrooms in January and February to talk with the children about engineers and their everyday activities. The presentation may include reading a classroom guidebook to the students; talking about local engineering projects, and/or engaging the students in an engineering experiment using everyday items like notebook paper, drinking straws, etc.

Contest entry forms sheets are distributed to the teacher, to allow the students to draw and color a picture of an engineering project or an engineer at work. FCC will pick three winners and award the students prizes.

The winning entries are then sent to the EFO office for the statewide contest. The students who submit the top three entries in the state will also receive educational prizes. Local members of OSPE present the Imagine Engineering program to approximately 6,500 students each year.

NOTE: This month's Luncheon Program Announcement can be found on page three of the Columbus Engineer.

2013-14 Upcoming OSPE Award Nominations

Have you ever considered submitting an employer/colleague for an OSPE award? This year is the time to do it as nominations are being accepted for the following OSPE awards:

- Nov. 13th Professional Development Awards for
 - Construction
 - Industry
 - Private Practice

These three awards are presented to nominated employers of engineering personnel (in either construction, industry, or private practice) who have made the most outstanding contribution to the advancement and improvement of the

engineering profession through employment policies & practices in accordance with established professional practices as outlined in "Guidelines to Professional Employment for Engineers and Scientists".

- Dec. 1st OSPE Young Engineer of the Year Award

This award is for any OSPE member (PE or EIT) in good standing who is age 35 or under as of January 1, 2013.

Don't hesitate, contact Tina Sutermeister, the FCC Awards chair now, at 614-718-3795 or email: tina.sutermeister@alcatel-lucent.com as she can provide you with the application forms and assist you in completing the application requirements to be submitted to OSPE.

STUDENT SCHOLARSHIP

The Franklin County Chapter will once again this year award a \$1,000 scholarship to a deserving student. To be eligible for the Franklin County Chapter scholarship, a student must meet the following criteria:

- be a graduating high school senior;
- have at least a 3.0 (A=4.0) grade point average;
- meet the minimum SAT (Math=600, Reading or Composition=500) or ACT (Math=29, English=25) test scores as set by the National Society of Professional Engineers; and
- be a citizen of the United States and a permanent resident of the following counties: Delaware, Fairfield, Franklin, Hocking, Knox, Licking, Madison, Muskingum, Perry or Union.

Consideration will also be given to the prospective recipient's activities, special recognitions and honors, work experience and their interest in a career in engineering. Recipients may be accepted for enrollment at any college or university and they must be entering an ABET accredited engineering program.

Students can obtain the Scholarship Application by going to the OSPE website www.ohioengineer.com.

The deadline for students to return the scholarship applications to the OSPE office is December 15, 2013. Applications will be sent to the chapter by the end of January 2014 and graded by members of the FCC Scholarship Committee. Anyone interested in serving on the committee should contact Joe Sullivan at joe.sullivan@stantec.com.



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NOV. AUXILIARY EVENT

The Auxiliary to the Franklin Co. Chapter of OSPE has scheduled their annual philanthropic luncheon for Tuesday, Nov. 19, at La Scala Restaurant, 4199 W. Dublin-Granville Rd., Dublin. All funds raised go to support scholarships for engineering students at OSU. The event begins at 11:00 a.m. with a bake sale and small treasures table. Raffle tickets will be sold for wrapped mystery packages contributed by members and worth at least \$5.00. Each will also have a cash envelope containing amounts ranging from 10 cents to \$10.00. A lunch of delicious traditional Italian food will be served family-style at noon.

A bit of history—this auxiliary has gone from being the largest in the country to becoming one of the few remaining. However, even though it is small, it has been able to continue the scholarships through the efforts of the members, guests who come to the meetings, and contributions. Spouses of Chapter members are urged to support the group with dues even if they are unable to attend meetings. Marlene March has arranged interesting programs and tasty luncheons.

Mrs. March will give the invocation and lead the pledge of allegiance. Sharon Eifert is to be hostess. Call Jean Mitchell at 262-7071 to make reservations.



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NOVEMBER FCC-OSPE LUNCHEON

Date: Thursday, November 14, 2013

Place: Worthington Hills Country Club
920 Clubview Blvd S.

Time: Registration: 11:30 AM
Lunch: 12:00 Noon

Cost: \$20 OSPE Members & FCC Auxiliary Members
\$30 Others

Registration: visit fccospe.com
Pay at door or online (fccospe.com)

Program: “FIRST SOLO FLIGHT AROUND THE WORLD BY A WOMAN”

Program Outline: Issues and tribulations encountered by Jerrie Mock during her historic solo flight around the world as told by her sister, Suzan Reid

Presenter: Susan Reid, Sister of Jerrie Mock

Susan, a native of Newark, Ohio, worked as a classroom teacher and school librarian. After retiring with thirty years in the Heath City School System, she worked part-time for Par Excellence Learning Center for eleven years. She also worked part-time for the Pataskala Public Library, automating their system.

Susan received her Bachelor of Science Degree from Ohio University and a Master of Library Science degree from Kent State University.

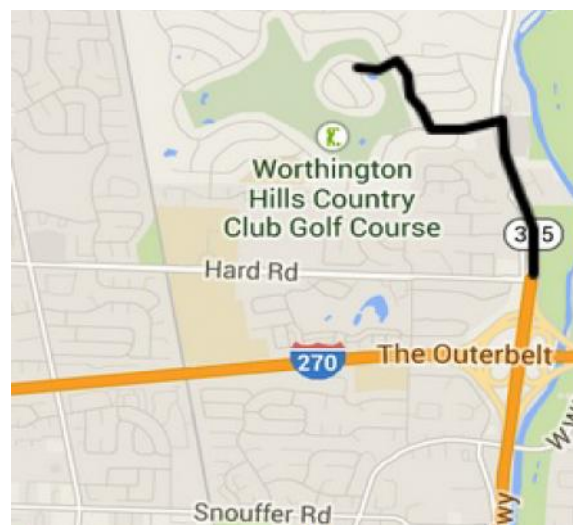
Retirement gave Susan the opportunity to travel extensively, volunteer at Newark’s Midland Theater, and plays more golf. She is a member of The Research Club, Chapter DL of P.E.O., and The Monday Talks, where she served as Vice-President and President. When she joined The Progressive Club, she started her new “career” which is presenting programs. Her favorite program features her sister, Jerrie Mock, who became the first woman to complete a solo flight around the world. Other programs include Women in Flight, Johnny Clem (drummer boy of Shiloh), and Legends of Hollywood.

Susan and her husband, Jerry, have two daughters and two granddaughters.

A certificate for 1 hour of Professional Development for attending the program will be presented at the luncheon.



Map to Worthing Hills Country Club



A History of FCC/OSPE – Riots and USS Hope

(This is the fourteenth issue of the History of Franklin County Chapter, by L.E. Winget, Ph.D., P.E. The content is based on the Frank Geyer's compilation "A History of FCC", 1972.)

FY 1963-64 – The US sent the rocket Mariner IV on a flight near Mars and sent pictures back to earth. President Johnson ordered a major troop build-up in South Vietnam. He also issued an order to increase the draft call. The President signed the Medicare bill. Anti-Vietnam War demonstrations began in most of the major US cities. Race riots broke out in the Watts section of Los Angeles.

The Chapter elected J.A. Cohen as President and R.B. Filbert, Jr. as Vice President. There were 2 Directors, 11 Functional Group Directors and 12 Chairs. The dinner meetings were held at the Neil House, Arlington Arms, Whetstone Park of Roses, Fort Hayes Officers' Club, and the Ilonka Provincial House. A tour was made through the facilities of the Buckeye Steel Castings Company. A joint meeting was held with the Auxiliary in October, highlighting the S.S. Hope. (137 members and guests attended.) A square dance was held at the Park of Roses in November and a dinner dance at the Fort Hayes Officers' Club in January. A Certificate Presentation was held at the April meeting at Fort Hayes. The Annual P.E. Family Picnic was held at the Indian Village Camp, at Griggs Dam.

The topics of the speakers at the luncheons were:

- The Proposed Highway Research Center (Walter Graf)
- The S.S. Hope** (Dr. John Terry)
- Science is Fun (Sandy Hallock)

(** See the short history article.)

The 89th Annual Meeting of the OSPE was held in Columbus in March 30, 31 and April 1. A new class of membership was adopted by OSPE, namely Privileged membership, available to those who were retired, over 65 and had more than 10 years of service.

Ralph Wolfe became the Executive Director of FCC with the offices at 5 East Long Street. The budget for

the FY was \$11,500. Approximately half of the budget was for the salary of the Executive Director. The Chapter was awarded the banner (and accepted by the Past President Underwood) for the outstanding Chapter judged best by OSPE.

Other activities – Dr B.D. Thomas, BMI Director, received the NSPE award for the most Outstanding Contributions to Engineering. F.W. Boulger, BMI, was awarded the CTC "Technical Man of the Year".

Short History of the S.S. Hope

As a result of World War II, many GI's were moved by the poor health conditions that the citizens, and especially the children, were exposed in the South Pacific theater. A medical doctor aboard a destroyer during this period was sufficiently concerned that he requested that a hospital ship be donated for a floating hospital to serve the region. That medical doctor was William B. Walsh, M.D. In 1958, he persuaded U.S. President D. D. Eisenhower to make that donation.

Hence, the S.S. Hope became into being. It took considerable effort to solicit funds from corporations and the general public, and to obtain the technology to re-rig the ship. The program became known as Project Hope. Over the first two years the ship was refitted and equipped and became known as the S.S. Hope, the hospital ship. The call went out for American doctors, nurses, and technologists. These professional people shared their skills and knowledge with the people of developing nations. They taught while healing. For every professional on board, there was a counterpart being trained..

Finally, on September 22, 1960, the SS HOPE set sail from San Francisco bound for Indonesia. While the S.S. HOPE was retired in 1974, the spirit of its voyages lives on in HOPE's land-based programs and through the testimony of the HOPE Alumni. The S.S. HOPE completed 11 voyages traveling to Indonesia, Vietnam, Peru, Ecuador, Guinea, Nicaragua, Colombia, Ceylon (Sri Lanka), Tunisia, Jamaica and Brazil.

Today, the spirit of the SS HOPE lives on through Project HOPE's partnership with the U.S. Navy which sends medical volunteers around the globe to provide health care and health education.

Next: - A Lunar Landing and Water Flourination



Calling all engineers! Would you be interested in participating in a National Engineers Week activity? Do you enjoy working with young people? Then the Future City Competition is for you!

This is an exciting opportunity for teams of 6th, 7th and 8th grade students to work with a teacher and engineering professional to:

- Design a city of the future using SimCity software;
- Construct a scale model from recycled materials;
- Learn excellent oratory and presentation skills
- Learn excellent research and writing skills
- Learn about planning issues such as energy efficiency, transportation grids, aesthetic design, waste management, and use of materials such as ceramics.

We are looking for those working as engineers, those who have an engineering degree, retired engineers, or engineering students who could do any or all of the following:

- Judge at the Ohio Future City Competition on January 18, 2014, from 8-12 at Columbus State Community College (3-4 hour time commitment).



- Judge some of the 300-500 word essays from your own home as they are mailed to you (5-6 hour time commitment).
- Serve as a mentor to a team of students (gr. 6-8) as they work on their SimCity Map, Essay, to-scale Model, and presentation. This time commitment extends over several months beginning in October and averages 30-40 hours, helping students understand engineering contents like scale, and how to correctly incorporate those concepts into their city and their tabletop model. The team might be three students or an entire class of students who send their three best presenters to compete at the state level. As a team mentor, you would be part of the team who will go to January's state contest (one team per school). If your team is selected as the state champ, you will present at the National Competition in Washington, DC during National Engineers' Week in February.

You are needed! For more information, visit www.futurecity.org.

FCC/ OSPE/ NSPE Member Deceased

The Franklin County Chapter, Ohio Society of Professional Engineers and the National Society of Professional Engineers have lost a dedicated, very knowledgeable and active member of these organizations.

On Thursday, October 10, 2013, John "Jay" Troy, age 79, of Westerville, Ohio, passed away. He will be missed by professional associates, legislative leaders, numerous friends and family including his loving wife Joanne; daughter Susan, daughter Linda and her husband Eddie Burch; his sisters, Julie Troy of Connecticut and Bonnie Walsh of California.



FCC Oct. 17 luncheon program held at Worthington Hills Country Club. 52 members and guests attended and heard a presentation on the "I270 / US23 Interchange Redesign / Reconstruction".



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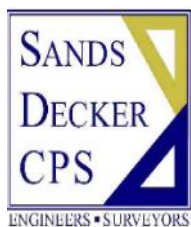
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2013-14 CALENDAR

Nov. 12	5:30 p.m.	FCC Board Meeting @ Korda Nemeth
Nov. 14	Noon	Program: Luncheon – “First Solo Flight Around the World by a Woman”
Nov. 15	5:00 p.m.	Deadline for December <i>Columbus Engineer</i>
Dec. 10	5:30 p.m.	FCC Board Meeting @ Korda Nemeth
Dec. 16	5:00 p.m.	Deadline for January <i>Columbus Engineer</i>
Jan. 8	5:30 p.m.	FCC Board Meeting @ Korda Nemeth
Jan. 14	5:00 p.m.	Deadline for February <i>Columbus Engineer</i>
Jan. 16	Noon	Program: Luncheon – TBA



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