



Columbus Engineer

Official Publication of the Franklin County Chapter of the Ohio and National Societies of Professional Engineers

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PRESIDENT'S MESSAGE

By Devon E. Seal, P.E. / FCC President



This month's issue of the Columbus Engineer contains the first in a series of articles on the six practice-specific engineering Interest Groups (formerly known as Practice Divisions). The Interest Groups are designed to provide members with opportunities to:

- 1) Network within their communities of practice – across geographical lines,

- 2) Build leadership skills and professional alliances,
- 3) Give input on products and services designed to serve the whole engineering community,
- 4) Help recognize leading and emerging engineers within your field with awards and scholarships, and
- 5) Join in mentoring young engineers within your practice community.¹

Each month we will be including an article describing the mission and objectives for one of the Interest Groups:

(Presidents Msg. continued on Page 2)

FCC-OSPE November Luncheon/Seminar Program

DATE: Wednesday, November 9, 2011

PLACE: The Clintonville Woman's Club
3951 N. High St., Columbus, OH

TIME: Registration: 11:15 am
Lunch/Program: 11:30 pm / 12:00 pm
Seminar: 1:00 pm to 5:00 pm

COST: The cost for the luncheon only is \$20/members and \$30/non-members. The cost for the luncheon and seminar is \$150/members and \$200/non-members. Call Chapter at 470-4170 or email registration information to OSPEFCC@aol.com by Oct. 28. Please include name and phone number, your lunch meal choice, number of people attending, and whether you are staying for the entire seminar or just the luncheon. Pay at the door (cash or check payable to FCC-OSPE)

LUNCH: Chicken Rothschild: baked breast of chicken in a creamy, raspberry-dijon mustard sauce topped with grilled vegetables and served with rice pilaf or Glazed Pork Loin: tender roasted and tossed in an Ohio apple glaze served with Au gratin potatoes will be served.

PROGRAM: "Belief Driven Success...How to Rebuild You and Your Business in the New Economy!" and "The Business Attraction Factor...High Impact Growth Strategies"

SPEAKER: Patrick Donadio, MBA is a Certified Speaking Professional (CSP) and Master Certified Coach (MCC). Patrick has empowered audiences nationally and internationally. Since

1986, he has guided leaders and their organizations with powerful presentations and one-on-one business communications coaching. From the boardroom to the frontlines, he shows people how to: increase profits, improve presentation/verbal communications, enhance their credibility, deepen relationships and boost performance — in less time.

A nationally recognized speaker, author, and communication expert, Donadio has spoken with thousands of individuals from Fortune 500 companies to associations, universities, hospitals, and governmental organizations. As a business coach, Donadio works with Executives, Entrepreneurs, Consultants, Engineers and other Professional Services Providers to grow their business, improve communication/presentation skills, increase sales, and enhance their community image.

Patrick received his Certified Speaking Professional (CSP) designation from the National Speakers Association (NSA). He also earned a Masters Certified Coach (MCC) designation from the International Coach Federation, their highest coaching designation.

Donadio has taught at The Weatherhead School of Management, University of Notre Dame, John Glenn School of Public Affairs, The Ohio State University, Ohio University and Columbus State Community College.

"See page 3 for more details on the seminar"

(Presidents Msg. continued from Page 1)

- Professional Engineers in Industry (PEI)
- Professional Engineers in Private Practice (PEPP)
- Professional Engineers in Higher Education (PEHE)
- Professional Engineers in Government (PEG)
- Professional Engineers in Construction (PEC)
- Young Engineers

Membership in an Interest Group is included in your membership dues. If you are not already a member I encourage you to read the articles, decide which Interest Group best fits your engineering practice, and check the box to join one when you renew. If you are already a member of an Interest Group, I encourage you to contact your Trustee to find out how you can become more involved.

We have rescheduled our Business Communications Seminar for November 9, 2011, to avoid a conflict with OTEC in October. If you haven't already placed or updated your reservations via email or phone, please do so right away.

Also, we have an exciting joint-event planned with the local chapter of the American Society of Civil Engineers (ASCE) at the Grange Insurance Audubon Center on November 17. The Design Group will be coming to speak to us about the sustainable aspects of the Center's building design and will also take us on a tour of the facility. We have a great core group of members that regularly attend our events, but I always love to see new faces. Let me know what topics you would like to see presented and if there are things we can do to make it easier for you to attend.

¹ from the NSPE website



Professional Engineers in Industry 2012 NSPE/PEI New Product Award

New and improved products stimulate the life and growth of our country. These benefits result from research and development to which engineers make their unique contribution. This competition recognizes the results of those efforts and the foresight of the companies whose aggressive policies bring new products to the marketplace.

The purpose of the NSPE/PEI New Product Award program is to recognize the full spectrum of benefits that come from the research and engineering of new products. These include added employment, economic development, strengthening of the nation's competitive position internationally, and contribution to the public's standard of living.

Any new product, machine, process, or material that has been developed in the United States may be entered provided that it was first placed on the market between 2006 and 2010.

Entry is free to NSPE members and State Society New Product Award winners. For all other entries there is a \$50 entry fee. Deadline for submissions is Feb. 15, 2012, and awards will be presented by NSPE during the Society's Annual Convention and Exposition in July, 2012.

More information and the official entry form can be found at <http://www.nspe.org/InterestGroups/PEI/Resources/Awards/newproductaward.html>

Joint FCC-OSPE/ASCE November

DATE: Thursday, November 17, 2011
PLACE: Grange Insurance Audubon Center
505 W. Whittier St., Columbus, OH 43215
(614) 545-5475
TIME: Registration: 11:30 am
Lunch: 12:00 pm
Presentation: 12:20 pm with a technical
tour to follow the presentation.
COST: Advance Reservation: Members: \$20.00; Non-Members: \$30.00. Please make your reservations at the ASCE website: www.centralohioasce.com; call 614-218-0686 or email: register@centralohioasce.com

Speaker: Michael Bongiorno, AIA, LEED AP is a principal and senior designer at DesignGroup, an AIA Gold medal firm in Columbus. His current projects include the Columbus Museum of Art Expansion, Columbus School for Girls expansion, McConnell

Arts Center of Worthington and the award winning Grange Insurance Audubon Center. Mike serves on the board of directors of AIA Columbus and the Columbus Center for Architecture and has presented locally on urbanism, density and sustainability. Mike is a cum laude graduate of Pratt Institute School of Architecture in New York City and has lived and traveled extensively abroad.

Michael's presentation will focus on the creative design strategies employed throughout this unique LEED Gold environmental education center. Site strategies for dealing with impacted soils, unstable subsurface conditions, and geo-thermal well challenges will be discussed. Innovative building strategies that take advantage of prevailing winds, daylighting and stormwater management will also be discussed. In addition, Michael will discuss the design team's use of integrated BIM modeling and simulation during the early stages of design.

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

2011 Business Communication Luncheon/Seminar

Luncheon Program: “Belief Driven Success...How to Rebuild You and Your Business in the New Economy

What changes are making it more difficult to grow your business today? How do your beliefs about the economy, your customers, your prospects, the competition, and yourself influence your business growth? Join us for this enlightening presentation as Patrick Donadio, Certified Speaking Professional (CSP) and Master Certified Coach (MCC), answers these questions and discusses how to rebuild your and your business in today’s new economy.



Patrick Donadio

Workshop: “The Business Attraction Factor...High Impact Growth Strategies”

The relationship with your client doesn’t end with the purchase—that’s where it *begins*.

Patrick shows you how to set up a marketing communication system to grow your business by using technology and low-cost, highly effective solutions to: stand out among your competition, attract clients, increase sales, build better relationship, cross sell clients, establish yourself as “the” expert, and build a referral network.

Here is some of what Patrick will cover in this interactive workshop:

- A “Marketing Communications Checklist” (to rate your current use of marketing tools)
- Discuss “Market Segmentation/Niche Marketing”
- A series of “Top Five Lists” you need to build and maintain deeper client relationships
- Learn low cost, high impact “Marketing Tools” to attract, retain and expand your customer base
- Craft an “Action Plan” to implement your new skills and get started attracting more business right away

A certificate for 1 PDH will be presented for attending the luncheon program and a certificate for 4 PDHs will be presented for attending the workshop.

FCC-OSPE AUXILIARY EVENTS

The Auxiliary to the Franklin County Chapter of OSPE has scheduled their annual philanthropic event for Tuesday, November 15, at La Scala Restaurant, 4199 W. Dublin-Granville Rd., Dublin.

The bake sale and small treasures table begin at 11:00 a.m. There will also be a raffle of mystery packages, including one with a cash prize. Proceeds go to help support engineering scholarships to the Ohio State University.

Luncheon will be served at noon. Betty Cuniberti is to be hostess, and Jane Smith will give the invocation and lead the pledge of allegiance.

The December noon luncheon will be on Tuesday, December 13, at Scioto Country Club, 2196 Riverside Dr. Charter members and past presidents will be honored. The Grandview Singers from Grandview High School with Andrew Krega, Director of Choral Music will entertain. Nancy Roehrs is to be hostess, and Elizabeth Vaughn will give the invocation and lead the pledge of allegiance.

Guests are very welcome and urged to attend the meetings and may call Jean Mitchell at 262-7071 to make a reservation.

The Auxiliary will not meet in January.

PROFESSIONAL ENGINEERS in INDUSTRY (PEI)

The National Society of Professional Engineers has several interest groups, one of which is the Professional Engineers in Industry (PEI). About one-third of the total non-student NSPE membership is employed in industry. In the Franklin County Chapter, we have over 58 PEI members from more than 32 companies or retired from industry. Some of the companies are:

American Electric Power
Battelle
Emerson Electric Co.
Lucent Technologies
Rockford Homes Inc

American Showa Inc.
Columbia Gas Transmission - NiSource
Honda of America Manufacturing
NiSource
Worthington Steel

The PEI Vision Statement is:

PEI provides value to NSPE members in industry through the promotion of professional practices and policies, including support of the licensure process for engineers in industry. Our mission includes offerings of educational and professional development opportunities and actions to increase the public awareness of the contribution of professional engineers in industry.

The PEI mission statement is:

Professional Engineers in Industry serve as the leading resource group and advocates for encouraging industry-wide recognition and value for licensed engineers and those seeking licensure.

The objectives of this interest group are to:

- Support the aims of the National Society of Professional Engineers and the Ohio Society of Professional Engineers
- Advance the public welfare
- Promote the professional, social and economic interest of the engineer member
- Encourage and develop a professional attitude among all engineers

To help meet these objectives, the local chapter encourages that the PEI engineers:

- Continue the encouragement and licensure of all engineers
- Support establishing and maintaining high standards of competence and ethical conduct
- Promote public appreciation of the work and achievements of engineers
- Promote continuing education
- Affirm faith in and support of the free enterprise system
- Advance the professional development and economic interests of professional engineers through sound employment practices
- Support the development of legislative and administrative policy which best serves the public and the profession
- Continue to improve the strength of the PEI interest group and its service to the membership
- Encourage participation in community and civic affairs

The NSPE PEI Central Region Vice Chairman and OSPE State PEI Trustee is Howard Jones, P.E.; email hrjones63@yahoo.com.

Your current PEI Trustee for the Franklin County Chapter is Steven F. Wilson, P.E.; email sfwilson@aep.com. If you are interested in joining PEI, please contact Steve Wilson or the OSPE Office, (800) 654-9481 or e-mail admin@ohioengineer.com.

Stay-at-Home Spouses Deserve a Retirement Plan, Too

Contrary to popular belief, retirement planning is not just for employed wage earners. Spouses who forgo a paycheck to stay at home need a financial safety net just as much as their working counterparts. Planning for the financial security of a nonworking spouse can help ensure there is replacement income if circumstances change. Here are some potential strategies for you to consider.

Realize that Social Security is only a partial solution. Even if a stay-at-home spouse never generated much income over the years, Social Security can provide a measure of financial assistance at retirement age. Generally, these benefits will be equal to half of the benefit paid to the working spouse, and if the wage earner should die, a surviving spouse may receive even higher survivor benefits. Yet government-supplied benefits typically are not sufficient to cover all of the costs of living during retirement and must be supplemented by additional income. For this reason, it's important to start saving — sooner, rather than later.

Funding an IRA. IRAs can be a good choice for retirement savings because they may offer valuable tax advantages. The spousal IRA was created specifically for non-wage earners who rely on spousal support. The method of saving with a spousal IRA will depend on whether the income earner in your family is eligible for an employer-sponsored retirement plan.

Essentially, an income earner can make deductible contributions to a spousal IRA if he or she is not eligible to contribute to an employer-sponsored retirement plan. However, if the working spouse is eligible for plan participation, there are income limitations that affect the deductibility of spousal IRA contributions.

The IRS allows a working spouse to contribute to a Roth IRA on behalf of a nonworking spouse, with similar income guidelines as a traditional IRA. It's also possible to make contributions to a traditional IRA on behalf of a nonworking spouse and then convert the savings to a Roth IRA to allow for tax-free withdrawals at retirement age.

Gifting. The IRS gets flack for a lot of things, but they can't be faulted for their spousal gift policy. Married couples can give freely to one another without gift tax consequences. The only caveat is that they must both be U.S. citizens. So if the wage earner wishes to create a more equitable distribution of

assets, he or she is free to do so. As an alternative to making outright gifts to your spouse, you may also choose to hold assets in joint tenancy.

Hiring the non-working spouse. Working spouses who are business owners may want to consider hiring the nonworking spouse to realize certain financial advantages. As an employee, the spouse may qualify for the business's retirement plan—if one exists. In addition, the spouse may generate income that can be put toward saving for the future.

Evaluate insurance coverage. Many families realize the importance of insuring a working spouse to provide ongoing income in the event of injury, illness or death. But nonworking spouses often make important contributions (such as childcare) to running the household that would be expensive to replicate in their absence. Evaluate your insurance levels to ensure adequate coverage for both spouses.

Make retirement planning — for both of you — a priority. Life is unpredictable, which is all the more reason to build and grow a retirement nest egg that will be sufficient for both of you, regardless of who brings home the bacon. Talk to your financial advisor to explore your options.

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FIRST CLASS

OHIO SOCIETY OF
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2011 CALENDAR

Nov. 8	5:30 p.m.	FCC Board Meeting @ Korda Nemeth
Nov. 8		Election Day
Nov. 9	11:30 a.m.	FCC-OSPE Luncheon/Seminar – Clintonville Woman’s Club
Nov. 15	Noon	Auxiliary FCC-OSPE Luncheon - La Scala Restaurant
Nov. 17	Noon	Joint FCC-OSPE/ASCE Luncheon - Grange Insurance Audubon Center
Nov. 24		Thanksgiving Day
Dec. 13	5:30 p.m.	FCC Board Meeting @ Korda Nemeth
Dec. 13	Noon	Auxiliary FCC-OSPE Luncheon - Scioto Country Club
Dec. 15	9:00 p.m.	<u>Deadline for Nov. Columbus Engineer</u> (articles to Tim McCarthy)



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