

# THE DAYTON ENGINEER

VOLUME 7, ISSUE 6

JUNE 2016

D Day Anniversary—6 June  
Juneteenth Day—19 June  
Meteor Watch Day—30 June



Somebody's Birthday—1 June  
Another Birthday—3 June  
Yet Another Birthday—18 June

## THOUGHTS FROM THE BOARD

We are about to conclude the fiscal year for DSPE! Hopefully each member took the opportunity to perform their civic duty and return their ballot voting for DSPE Officers and Board of Directors! These are your fellow members responsible for ensuring that your Society represents the body of Professional Engineers in all branches of the engineering profession, with the view to promoting the public interest as affected by the services of the Engineer, and safeguarding and strengthening the professional body for these purposes. DSPE's outgoing President, and soon to be

Past President, Steve Schultz, has provided leadership to the Board for the past two years by forming and meeting with the Strategic Planning Committee developing a plan designed to consider our Society's goals and objectives for the next five years. Our thanks go out to Steve, not only for his two terms as President, but also to his previous multiple years in developing and maintaining the strong MATHCOUNTS program here in the Dayton area – a program which continues to flourish under the leadership of Chris Brown. As your incoming Board strives to represent the

body of PEs, promote the public interest in our profession, and strengthen the professional body, please consider expanding your contributing role this next year by sharing ideas with your Board on how to best meet these objectives. Also please consider offering yourself in promoting our profession by volunteering for programs such as MATHCOUNTS or Imagine Engineering or offer to present at one of our Society's luncheons.

—Winn Holcombe, P.E.,  
Chapter Vice President

### In This Issue:

- **Texas/Korea Engineer Exchange**
- **Interviewing Tips**
- **Upcoming Chapter Meetings**
- **OSPE/DSPE Calendar**
- **Mini Maker Faire®**

## JUNE BOARD MEETING AGENDA ITEMS

Your Chapter Board will discuss the following at the 14 June board meeting; please contact a board member with your thoughts:

1. Chapter Election Results
2. Treasurer's Report Update
3. Chapter Meeting Speaker Gifts
4. Committee Updates

5. June DSPE Chapter Meeting Preview
6. Constitution/By-Laws Review Update
7. Website Update

## TEXAS PEs TO WORK IN SOUTH KOREA AND VICE VERSA



[Story from NSPE's PE Scope]  
The Texas Board of Professional

Engineers and the Korean  
Professional Engineers  
Association have signed a Mutual  
Recognition Agreement to allow

Texas-licensed engineers to work  
in South Korea, and vice versa.  
This ground-breaking agreement  
was signed in March 2016, under  
the US-Korea Free Trade  
Agreement of 2012.

Texas Board of Professional  
Engineers continues to lead in the  
development of international  
licensure. Texas has also pursued



similar mutual agreements with  
Canada, Mexico, and Australia, as  
well as a Memorandum of  
Understanding with Japan.

## ADVANCING AN ENGINEERING CAREER IN A NON-STEM WORLD

**[This is the first of a series of articles designed to help engineers navigate through process of interviewing for a job.]**

One of the services currently being provided is coaching and mentorship for current as well as emerging leaders, which is of great interest among government employees. While there is a plethora of interviewing books and videos addressing most variations of Google, Microsoft, and other major corporations' uniqueness when it comes to resumes and interviewing, the market is basically mute when it comes to interviewing techniques in support of the government sector. So, in the interest of leveling the playing field, we will be producing a series of short articles that will identify and describe the basic principles that guide government service interviewing

**Rule #1: If you don't say it, it**

**does not count.**

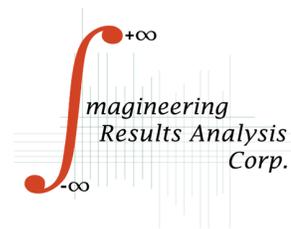
**Explanation:** It appears that this rule is universally misunderstood. Many job seekers believe that all they need to do is to capture their career highlights in the resume. The basic assumption is that the information does not have to be repeated in the interview (after all, it is in the resume). **WRONG!** The fallacy in the argument comes from a lack of understanding of the government interview process. Often, interviewing strategy is predicated on a "fairness principle". The main goal of this principle is to intentionally prevent a board member's influence in the selection board's interview process by providing "inside information" related to the accomplishments of one candidate (normally their favorite). Thus, when executed properly, the fairness principle mitigates the perception that popularity across the organization

will trump technical, managerial competence (unless you are a politician, but we are not talking about that concept here!).

**Lesson: Include all relevant information in all your answers to the selection board, because, in government (and maybe in Industry), if you don't say it, it does not count!**

Commentary and questions are always welcomed!

—*Aurea Rivera, P.E.,  
Imagineering Results Analysis  
Corp.*



## UPCOMING CHAPTER MEETINGS

### JUNE DSPE MEETING—9 JUNE 2016—NOTE THE TOPIC CHANGE



The June 2016 DSPE Chapter meeting will be on 9 June from 12:00 noon to 1:30 PM at the

Engineers Club of Dayton, 114 Monument Ave, Dayton, OH 45402. Mr. David Geckle, ODOT

area engineer, will describe the I-75 at US 6 Slide-in-Place Bridge project, a unique installation of a replacement bridge deck by building the deck alongside the roadway and laterally rolling the deck onto the pillars and abutment. A buffet lunch will be served. The cost is \$20 for members, \$30 for nonmembers and \$10 for students. Attendees

will receive one (1.0) Professional Development Hour (PDH). Those wishing to attend should make your reservations no later than Tuesday, 7 June 2016 with Ed Schlaack by email at [SchlaackE@mcOhio.org](mailto:SchlaackE@mcOhio.org) or by phone at (937) 781-2632 (office).

### JULY DSPE MEETING—14 JULY 2016—NOTE THE TOPIC CHANGE



The July 2016 DSPE Chapter meeting will be on 14 July from 12:00 noon to

1:30 PM at the Engineers Club of Dayton, 114 Monument Ave,

Dayton, OH 45402. Mr. Brian Pollock, Senior Acquisition Official, and Colonel Annette Gablehouse, USAF, 711th Human Performance Wing, will discuss the conversion of two aircraft fuselages to aerospace medical training platforms. A buffet lunch will be served. The cost is \$20 for members, \$30 for

nonmembers and \$10 for students. Attendees will receive one (1.0) Professional Development Hour (PDH). Those wishing to attend should make your reservations no later than Tuesday, 12 July 2016 with Ed Schlaack by email at [SchlaackE@mcOhio.org](mailto:SchlaackE@mcOhio.org) or by phone at (937) 781-2632 (office).

### AUGUST DSPE MEETING—11 AUGUST 2016

The August 2016 DSPE Chapter meeting will be on 11 August from 12:00 noon to 1:30 PM at the Engineers Club of Dayton, 114 Monument Ave, Dayton, OH 45402. The topic for this meeting is Bonds and Insurance presented by Messers Bricker & Eckler Attorneys at Law. A buffet lunch

will be served. The cost is \$20 for members, \$30 for nonmembers and \$10 for students. Attendees will receive one (1.0) Professional Development Hour (PDH). Those wishing to attend should make your reservations no later than Tuesday, 9 August 2016 with Ed Schlaack by email at

[SchlaackE@mcOhio.org](mailto:SchlaackE@mcOhio.org) or by phone at (937) 781-2632 (office).



## UPCOMING DSPE BOARD OF DIRECTORS MEETINGS

The next DSPE Board meeting will be on 14 June 2016 from 5:15 to 6:30 PM at the Wright State University Engineering and Computer Science Dean's office conference room. **No regularly-scheduled Board of Directors meetings in July or August .**

## OUR THANKS TO ODOT AND COUNTY ENGINEERS

Thanks to Ms. Tammy Campbell, P.E., ODOT District 8, Mr. Dave Ley, P.E., ODOT District 7, Mr. Paul Gruner, P.E., P.S., Montgomery County Engineer, and Mr. Johnathan Burr, P.E., P.S., Clark County Engineer, for their program updates at the May DSPE chapter meeting.



Mr. Dave Ley



Mr. Johnathan Burr



Ms. Tammy Campbell



Mr. Paul Gruner

## THE CALENDAR: DSPE, EFO AND OSPE

- |           |  |
|-----------|--|
| 2-4 Jun   | OSPE Spring CPD Conference, Cleveland Airport Marriott   |
| 3 Jun     | EFO & OSPE Annual Meetings   |
| 9 Jun     | DSPE Chapter Meeting, Dayton Engineers Club  |
| 14 Jun    | DSPE Board Meeting, Wright State University Engineering Dean Conference Rm                                 |
| 17 Jun    | OSPE/EFO Budget Committee, OSPE Ethics and LG&A Committees, EFO Board of Trustees, OSPE Board of Directors |
| 21-26 Jun | NSPE Professional Engineers Conference, at the Fairmont Dallas   |
| TBD Jul   | DSPE Installation Dinner, Wellington Grill, Beavercreek (Dayton-Xenia Road)                                |
| 14 Jul    | DSPE Chapter Meeting, Dayton Engineers Club<br><b>No DSPE Board of Directors Meeting in July</b>           |
| 11 Aug    | DSPE Chapter Meeting, Dayton Engineers Club<br><b>No DSPE Board of Directors Meeting in August</b>         |
| 8 Sep     | DSPE Chapter Meeting, Dayton Engineers Club  |
| 13 Sep    | DSPE Board of Directors Meeting  |

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WE'RE ON THE WEB!  
WWW.DSPE.ORG



OSPE is dedicated to the advancement of professional engineers in Ohio and is the single most powerful voice representing all disciplines within the engineering profession. The Dayton Society of Professional Engineers, is a chapter of the OSPE serving the local Dayton Region. DSPE aspires to conduct a monthly chapter luncheon meeting that will serve our members by providing an opportunity to come together to share professional experiences, to network, and to gain continuing professional development through interesting presentations on a variety of technical, management, and ethics topics on all engineering disciplines. **Is there anything you would like to see in the Newsletter? Please let me know: [jon.wheeler@yahoo.com](mailto:jon.wheeler@yahoo.com).**

— Jon Wheeler, P.E., Director, Newsletter Editor

## FINANCIAL CONTRIBUTIONS TO HELP MEET CHAPTER MISSION



Our chapter activities are focused on youth education and scholarships and include **2nd Grade Coloring Contest via ImagineEngineering**, and **Middle School MATHCOUNTS**. These are our Society's flagship events to bring to our youth an awareness of the value of science,

technology, and especially the engineering profession. It requires hands-on participation and financial contributions from our members, that's you and me. Your personal and corporate financial contributions are solicited through our Engineers Foundation of Ohio (EFO) to help us host these events on a local, state, and national level (except for the coloring contest). Please consider making a personal

contribution and soliciting from your company, if they have a community relations department. Contributions through EFO are fully tax-deductible. Please contact us for the tax ID number for your records. Even more important for the success of these events is your hands-on participation. Please contact a board member for opportunities.

## DAYTON MINI MAKER FAIRE® 16 JULY 2016



*(Courtesy Dayton Mini Maker Faire®) "Maker Faire is the Greatest Show (and Tell) on Earth—a family-friendly showcase of invention, creativity and resourcefulness, and a celebration of the Maker*

*Movement. It's a place where people show what they are making, and share what they are learning. Makers range from tech enthusiasts to crafters to homesteaders to scientists to garage tinkerers. They are of all ages and backgrounds. The aim of Maker Faire is to entertain, inform, connect and grow this community."*

*The Dayton Mini Maker Faire will be held on Saturday, 16 July*

*2016, at the Carillon Historical Park.*

*If you are a maker and want to register for the Faire, or if you want to get involved or volunteer, or maybe you have questions, please contact: [makeitdayton@gmail.com](mailto:makeitdayton@gmail.com).*

*If you want to help sponsor the event, contact: [mmasterson@daytonhistory.org](mailto:mmasterson@daytonhistory.org).*