



**THE AMERICAN SOCIETY  
OF**

The Section is located at: Oklahoma Engineering Center, 220 Northeast 28<sup>th</sup> Street, Oklahoma City, OK 73105

The Central Oklahoma Section Newsletter is nominally published nine times per year to convey monthly meeting dates, meeting topics, section activities, and/or other ASME information to its membership.

**Central Oklahoma Section Newsletter**

Volume 17, Number 2, September 15, 2015

**PROGRAM: "Growing Oklahoma's Emerging Small Companies"**

**SPEAKER:** Mr. Scott Meacham, President & CEO, Innovation to Enterprise (i2E)

**DATE:** Thursday, Sept. 24, 2015      **LOCATION:** Okla. Engineering Center  
220 NE 28<sup>th</sup> St, Room 145, OKC, OK



i2E, Inc. is a nationally recognized private not-for-profit corporation focused on growing innovative small businesses in Oklahoma and making a positive impact on the state's economy.

i2E was created in 1997 in response to an OCAST initiative. Since then, i2E has assisted hundreds of entrepreneurs, companies, inventors and researchers turn their innovations into high growth business opportunities for Oklahoma. Their stated mission is "Investing in Entrepreneurs to build successful high growth companies in Oklahoma."

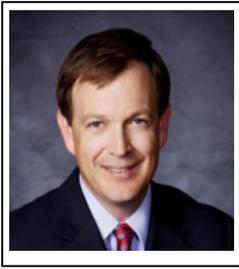
Mr. Meacham will highlight successes where i2E associates work directly with entrepreneurs, researchers and companies so they may achieve goals such as commercializing their technologies, launching and growing new businesses, and obtaining needed capital. I2E's model works for clients because of their high quality business advice, capital and entrepreneurial development, and service as a portal to private resources, public resources, and needed information and expertise.

i2E Client companies have enjoyed higher job, revenue, and capital growth over the state average. Oklahoma likewise benefits from these globally competitive businesses that offer high quality jobs and an enhanced quality of life. **Please join us on September 24 for this meeting.** Attendees will receive 1-PDH Continuing Education credit!

**Time:** 5:30PM Meet & Register at the Okla. Engr. Center      6:00 – 6:30PM: Pizza Meal  
6:30-6:45PM: Introductions and Section Business      6:45 – 8:00PM: Program by Mr. Meacham

**Cost:** **\$5.00 for Sr. and Student Members.** Please place your reservation with Albert Janco (Ph: 405-848-1991 (leave message); e-mail: JANCOA@asme.org) **by 5:00PM on Tuesday, September 22.** PLEASE furnish the name of each person attending and their affiliation (ASME, etc). If a student, please indicate school/university. If a P.E. please indicate if a PDH certificate is desired.

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## **ADDITIONAL SEPTEMBER MEETING INFORMATION**

As President and CEO, Scott Meacham leads i2E's efforts to create knowledge-based jobs in Oklahoma through the development of and investment in high growth companies.

Scott comes to i2E from the Crowe & Dunlevy law firm, which he joined in January 2011 as a shareholder and director. He served as chairman of the banking and financial institutions practice group. Prior to that, he served as the 17th State Treasurer of Oklahoma, an office he held from June 2005 until January 2011.

In addition to his duties as State Treasurer, Scott served on the governor's cabinet as Secretary for Finance and Revenue from January 2003 until January 2011. In this capacity, he was the governor's primary financial and budget advisor and served as the governor's chief negotiator on budget, legislative, tribal and other matters.

Scott formerly served as Chief Executive Officer, General Counsel and Lending Supervisor of First National Bank & Trust of Elk City. Under his leadership, the bank more than doubled in size and saw its profits increase by more than 150 percent. He assumed executive leadership of the bank in 1991 and served as the bank's general counsel since 1989. He continues to be associated with the bank as a member and secretary of the board of directors and a member of the loan, investment and executive committees.

Scott is a certified financial planner, has also practiced law in Clinton, Oklahoma, as a partner in the Meacham & Meacham law firm where his practice focused on banking, oil & gas, real estate, estate planning and commercial litigation.

He currently serves on the Board of Directors of the State Chamber of Oklahoma and is Chairman of the State Chamber's Economic Development and Taxation Committee. He is also a board member and treasurer for the Children's Hospital Foundation, serves on the Board of Trustees of the University of Oklahoma Foundation, and serves on the Governor's Science and Technology Council.

A fifth generation Oklahoman and a graduate of Chickasha High School, Scott holds a Bachelor's degree in finance, a Masters of Business Administration and a law degree, all from the University of Oklahoma.

### **Oklahoma Department of Commerce Responds to Qualcomm Downsizing**

Ms. Kris Sanders, Executive Director of the Oklahoma Society of Professional Engineers (OSPE), was recently alerted by the Oklahoma Department of Commerce (DOC) that the Qualcomm company (San Diego, CA) would be laying off approximately 10 percent of their workforce now with more layoffs pending. Many of the affected jobs are engineering jobs.

At Governor Fallin's request, the DOC plans to reach out to the downsized Qualcomm workers through a very targeted digital advertising campaign. This campaign will direct people to a DOC website landing page where available engineering jobs within our state will be listed. The DOC also reached out to OSPE for assistance in these efforts. Our Oklahoma Department of Commerce is to be commended. See more at <http://okcommerce.gov>. Below are screen-shots from DOC's "Oklahoma Works" program that folks can view on their website.



## Oklahoma Works

Oklahoma Works is an initiative to increase the wealth of all Oklahomans through facilitating quality employment for workers and ready availability of highly skilled talent for business and industry. The initiative is a coalition of state agencies, educational institutions, businesses and other partners.

### Together, we:

- Align education outcomes and workforce and economic development policy
- Create efficiency and collaboration among partner agencies
- Ensure consistency across the state while encouraging local adaptation
- Create the expectation of stellar customer focus for all

### Our Vision

Gov. Fallin's vision is to implement wealth-generating policies so all Oklahomans can achieve the American dream. To accomplish this, the Governor's Council for Workforce and Economic Development will coordinate strategic priorities and plans across education, training and economic agencies, increasing alignment of the entire education and training pipeline.

### Addressing the Skills Gap

Oklahoma has a substantial skills gap in its workforce. As we look to the year 2020, the state's greatest challenge will be increasing the number of students with workforce credentials or associate degrees, as well as increasing the number of college graduates. Current estimates show a 23-point gap between our current workforce and the skilled workforce we will need by 2020.

For Oklahoma businesses to meet labor demands, and for Oklahoma citizens to maintain wealth-building occupations, we must understand that the new minimum for success requires a post-secondary degree or credential. Gov. Fallin created Oklahoma Works to address this crisis.

### Oklahoma Office of Workforce Development Contacts:

Several contacts are listed in association with the Oklahoma Works initiative.

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## NEWS ITEMS OF INTEREST

### ***Boards Say No to Separate Structural Engineer (SE) License***

(courtesy NSPE's *NSPE UPDATE* publication, August 2015)

A motion to establish a protected structural engineering title and establish restricted SE practice rules within the National Council of Examiners for Engineering and Surveying's Model Law was narrowly defeated during the NCEES Annual Meeting in August.

The current Model Law and Model Rules recognize a licensing system that licenses an engineer as a PE with no reference to discipline, and he or she is restricted to practice within areas of expertise. Beginning in 2013, the NCEES Advisory Committee on Council Activities was charged with studying the issue of structural engineering practice and its regulation and make recommendations for revisions to the Model Law and Model Rules.

NSPE encouraged state societies to express their opposition to the structural licensure motion to state licensing boards. The Society believes that the continued recognition of PE licensure as the defining qualification for practice is critical to guaranteeing the trust and protection of the public. Layers of licensing requirements would cloud that perspective and create uncertainty. In addition, PEs who are not fully competent to perform structural engineering are already ethically obligated not to do so, even as they are obligated not to practice in other areas that are beyond their established expertise and competence.

The Society is fully committed to protecting and defending the PE license. In order to successfully define, promote, and protect the PE license, though, professional engineers in all disciplines need to stand united. Efforts to weaken engineering licensure or carve out particular niches within the profession undermine a system of laws designed to protect the public. All PEs must work together to fight attempts to damage the licensure process and place at risk the public health, safety, and welfare.

### **The Future of Engineering Education**

NCEES also adopted a position statement on the future engineering education requirements for licensure as a professional engineer. The statement outlines several pathways for a licensure candidate to obtain the body of knowledge necessary to enter the profession. Licensing boards will maintain autonomy in determining licensure requirements that will best protect the public while using the Model Law and Model Rules as best practice guides.

The NCEES Advisory Committee on Council Activities developed the position statement following a 2014 vote to remove from the Model Law and Model Rules the additional education requirements for engineering licensure that were scheduled to take effect in 2020. These requirements called for an engineering licensure candidate to obtain a master's degree or its equivalent before initial licensure.

### ***Collaboration Defeats Effort to Eliminate Licensure*** (courtesy NSPE's *NSPE UPDATE* publication, August 2015)

On August 20, as the result of extensive advocacy efforts by the Indiana Society of Professional Engineers and NSPE, the Indiana Job Creation Commission rescinded its troubling recommendation to eliminate licensure of the professional engineer.

The JCC, which was created in 2014 to examine the licensing of all of the state's professional boards, released its draft report on June 17 recommending elimination of the PE license in Indiana. The Indiana Society of Professional Engineers (ISPE) and NSPE organized a swift, coordinated response to urge the JCC and Indiana Governor Mike Pence to reverse the recommendation.

ISPE sent a letter to the JCC Chairman Nick Rhoad and Governor Pence's office on June 19 urging them to remove the recommendation. At ISPE's request, NSPE sent a letter addressing both the state and national implications of such a recommendation and urged that the decision not only be reversed but that the final report submitted to the governor's office on July 1 reflect these changes. The governor's office immediately responded stating that it opposed the recommendation. The final report was amended but still stated that there would be further consideration of the licensure of engineers. A public hearing to address this issue further was held on August 20.

ISPE Immediate Past President Scott Haraburda, P.E., Ph.D, testified and the JCC rescinded its recommendation. This is an important victory but it is also an absolutely critical reminder to all states to remain vigilant against efforts to compromise or eliminate professional engineering licensure.

NSPE submitted additional comments strongly urging that the decision be rescinded as part of the meeting's formal record. The Society has been actively monitoring developments around the country and stands ready, willing, and able to collaborate with state societies to oppose any and all such efforts.

**EDITOR'S NOTE:** This is especially troubling. Our own Oklahoma State Board of Registration for Professional Engineers and Land Surveyors often deals with "engineers" that offer services without adequate credentials and/or PE registration. Sadly these efforts, to diminish or eliminate Professional Engineer registration requirements, appear to focus more on money aspects rather than public safety and service quality aspects.

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### **Chair's Corner**

To those who were able to join us at the August 27 Speirs New Technologies [aka "Second Life Batteries"] plant tour meeting – what an informative and entertaining experience. What I found especially interesting was their passion for recycling Lithium-Ion batteries; specifically those used for hybrid or total electric cars.

For our second installment meeting for 2015, we are planning on having a presentation by Scott Meacham, CEO and President of Innovation to Enterprise [i2E]. He will be discussing their initiative to create jobs in Oklahoma through the development and investment of small innovative start-up businesses. Please note the times & details listed above – specifically that there will only be a pizza meal provided so as that you can plan accordingly. All ASME-Central Oklahoma Section members, SWE Section member, AIAA Section members, students, and guests are welcome to join us!

**Tom Betzen**, Chairperson, ASME Central Oklahoma Section

### **Future ASME-Central Oklahoma Section Events**

Date	Location	Program Topic and Speaker
Thursday Sept. 24, 2015	Okla. Engr. Center 220 NE 28th Street, OKC	Speaker: Mr. Scott Meacham, President & CEO, i2E Innovation to Enterprise is an OCAST program to spawn industry and engineering student cooperative projects.
Thursday Sept. 24, 2015	Okla. Engr. Center 220 NE 28th Street, OKC	TENTATIVE: Speaker from OG&E

**Please visit our Section website:**

[https://community.asme.org/central\\_oklahoma\\_section/default.aspx](https://community.asme.org/central_oklahoma_section/default.aspx)

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