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ENGINEERING
SOCIETY**



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Meeting Announcement: Tuesday, March 15, 2016

Relighting a Campus: A Generation of Change in Five Years

About the Presentation

Todd Owen will present how Liberty University is radically changing its culture and image through energy efficient lighting. He will illustrate how poor, haphazard product application can be changed from being two decades behind the times to the front of the race in only a few years. Todd will cover how the University's transition from fluorescent and HID products to LED is paying dividends to the University, as well as how those changes were justified. He will discuss how occupancy sensing, time clocks, daylighting and fully electronic lighting controls offer promises and challenges in different ways. Todd will touch on the rationale behind their color temperature selections and how important centralized automation is for the future of the University.

For consultants, Todd will share his economic analysis techniques to justify the products you specify and get client buy-in throughout the design process, especially as the industry transitions to LED products. For vendors, he will share how today's lighting revolution is exciting for its flexibility and creativity, but more challenging for its lack of industry standardization. Finally, he will share how the public bid process can still be managed to fairly compete radically different products and how consultants should be prepared and proactive in order to have a successful outcome.

About Our Speaker

J. Todd Owen, PE, CEM, CxA, LEED AP

Todd Owen is an electrical engineer who has spent 25 years in the building consulting profession. After college at Virginia Tech, Todd designed primarily schools, courthouses and prisons with Hanover Engineers in Richmond. After returning to his hometown of Lynchburg in 1997, Todd ran a mechanical and electrical consulting engineering firm and began spending more

time in the mechanical and environmental areas. Most recently, Todd spent ten years with Wiley|Wilson as a Senior Engineer and joined the Liberty University staff in October 2015 as their first Director of Engineering and Energy Management.

On the home front, Todd and his wife Missy will celebrate 25 years of marriage in May. They have two children; Hannah, who is studying to become a doctor, and Matthew, who will begin studying cinematography this fall at Liberty University.

Please forward this meeting notice to your friends and colleagues in the lighting industry.

Meeting Information

Date: Tuesday, March 15, 2016

**Place: Montanos Restaurant
3733 Franklin Road, Roanoke, VA 24014**

Time: 6:00 PM, Get Together (Cash Bar)

6:30 PM Dinner and Program

Cost: \$25

RSVP

By Monday, 12:00 PM, March 14, 2016 to

Jacob Jarrett
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