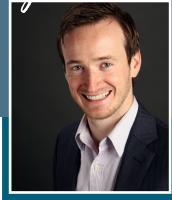


Andrew Tarvin is the world's first Humor Engineer, teaching professionals how to get better results while having more fun through the intersection of technologv. leadership, and humor.

He earned his degree in Computer Science & Engineering from The Ohio State University and began his corporate career at Procter & Gamble, where he managed million-dollar sales & IT projects for a \$350 million business. In parallel, he launched his comedy career, where he has performed 1,000+ shows on topics ranging from the quantification of love to leveraging corporate buzzwords to sound smart.

Since 2012, Andrew has partnered with more than 500 top organizations-including Microsoft, IBM, NASA, the United Nations, and the FBI-on human-centered leadership in an increasingly technological world. He has been featured in The Wall Street Journal, Inc., and FastCompany, and was named a 'Visionary Under 40' by the P&G Alumni Network. His TEDx talk on the skill of humor has been viewed more than twelve million times, only half of which were by his mother. He loves chocolate and prompting ChatGPT to write puns.





(AN)Drew Tarvin

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- EARLY BIRD: December 1 31, 2025 Full Healthcare: \$100 | Associate: \$175
- REGULAR: January 1 31, 2025 Full Healthcare: \$150 | Associate: \$250
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SPRING Agenda

WEDNESDAY FEB 26, 2025

O.UU AIVI	9.00 AIVI	Fightning realth - 2025 Fightning realth
9:00 AM	12:00 PM.	Board Meeting - 2025 Board & State Of
12:00 PM	1:00 PM	THE CRADLE "FUNdraiser"
1:30 PM	2:30 PM	THE CRADLE "FUNdraiser"
2:30 PM	5:00 PM	SPRING SEMINAR REGISTRATION
5:30 PM	6:30 PM	Registration moves to Carolina Terrace
5:30 PM	7:00 PM.,	Seminar Opening Reception

THURSDAY FER 27 202

	HIONSDAI	FEB 27, 2025
	7:00 AM 8:00 AM	Registration/Breakfast
		. Welcome and Program Introduction, Philip Johnson
	8:15 AM 9:15 AM	. KEYNOTE SPEAKER Andrew Tarvin
	9:15 AM 9:30 AM	. Break
	9:30 AM10:30 AM	Lessons Learned for Successful Planning and Implementation of Central Utility Plant (CUP) Upgrades and Replacements, Josh Anderson, PE
	10:30 AM 11:30 AM	. Air Handling Unit Replacements in Active
		Hospital Environments, Greg Turner, PE,
		Jackson Stocksdale, PE, David Noakes, PE,
		Jimmy Peebles, PE
		. ASHE Update/Sustainability, Michael Roberts
	12:0 ⁰ PM 1:00 PM	
	1:00 PM 2:00 PM	. Oh It's just a simple imaging replacement.
		But what does that really mean?
		Jean Lee Pirkey, AIA, Brian Kuebler, AIA,
		Leigh Ann Vogel, PE
1	2:00 PM 2:15 PM	.BREAK
	2:15 PM 3:15 PM	. Associate Forum (Concurrent Session)
	2:15 PM 3:15 PM	. Manufacturing Architecture A Case Study in
		Integrating Prefab Components in Healthcare
		Design & Construction, Migena Dilolli, Gep Pond,
		Jesse Kinsey, Michael Killian
	3:15 PM 4:15 PM	.The Silent Energy Drain: Understanding and
		Controlling Air Infiltration, Craig Scully, PE
	4:15 PM 4:45 AM	. DISTRICT MEETINGS

FRIDAY FEB 28, 202

4:30 PM 6:00 PM NCHEA LOUNGE

7:00 AM 8:00 AM REGISTRATION & BREAKFAST
8:00 AM 9:00 AM Where Does the Water Go? Fenestration Addition
Nicholas Tribble
9:00 AM 9:15 AM BREAK
9:15 AM 10:15 AM Facilities Engineering Response to Operating
Room Fires Andrew Patterson
10:15 AM 11:45 AM DHSR UPDATE DHSR TEAM
11:45 AM 12:00 PM WRAP UP Philip Johnson

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SPEAKERSSessions







Jean Lee Pirkey



Brian Kuebler, AIA



Leigh Ann Vogel, PE



Lessons Learned for Successful Planning and Implementation of Central **Utility Plant (CUP) Upgrades and Replacements**

Josh Andersen, PE, CHC, Dewberry, Dan Powers, DANIS Construction Co LLC, Dane Ferrell PE CEM LEED AP O+M, Siemens Industry, Inc., Justin Howe, Carolina Cat/Gregory Poole

There are many components for successfully planning and implementing Central Energy Plant Upgrades and Replacements. This expert multi-discipline panel discussion will share valuable lessons learned in executing multiple projects of this type. Items covered include these 4 measurable learning outcomes: 1. System Design: Safety, Initial Study and Planning, Key Areas of Importance, Long Lead Items, Planning for Future Expansion, etc. 2. Signs of Trouble: When it is time to replace 3. Planning, Implementation and coordination, coordination, coordination! 4. Closeout: System checks and turnover to the owner

Air Handling Unit Replacements in Active Hospital Environments

Greg Turner, PE - Charlotte Engineers, LLP Jackson Stocksdale, PE - Charlotte Engineers, LLP David Noakes, PE - Climate Systems, LLC Jimmy Peebles, PE - Atrium Health

Our air handling unit is in poor condition, but it serves an essential department, and we can't afford to be out of operation. How can we replace it? Every hospital has this question, and we plan to share some ideas and experiences to help you successfully replace that air handling unit in your active facility.

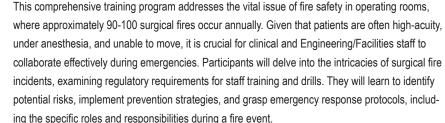
Oh ... It's just a simple imaging replacement. But what does that really



The presentation will explore a comprehensive list of variables impacting the cost, schedule, and performance of imaging projects. We will explain the challenges and opportunities of these imaging projects along with the practical impacts to the built environment and proven project management approaches to achieve project success. Through analysis of past projects, this presentation will analyze imaging locations, classifications, and modalities and explore the impact of each variable on the code requirements, construction conditions, and construction process.

Facilities Engineering Response to Operating Room Fires

Andrew Patterson







Gep Pond





Manufacturing Architecture A Case Study in Integrating Prefab Components in Healthcare Design & Construction Migena Dilolli, Gep Pond, Jesse Kinsey, Michael Killian This presentation will speak to the process of integrating prefabricated exterior panels in a collab-







Where does the water go? Fenestration Addition Nicholas Tribble

exteriors, and overall pre-fabs effect in the construction industry.

This course will assist designers, facility managers, and contractors with identifying the requirements and parameters of an effective cladding water management system. This course will also review the most available field-testing standards for fenestration and provide practical considerations for the design, specification, and administration of field-testing programs.

orative project delivery method. Through case study examination, we will discuss design oppor-

tunities and challenges using Roper Saint Francis – Berkeley hospital, a project that is currently

utilizing prefab panels as a solution. The presentation will discuss opportunities that allow the AEC

industry to be better prepared for a manufacturing future in architecture. To close we will touch on

what a more mature prefabricated process looks like in the factory, how prefabrication benefits and

challenges Enclosure design, what technology is critical when designing and executing pre-fab

In healthcare environments, the control of temperature, humidity and pressure are important. Air

infiltration can wreak havoc on an HVAC system's ability to control energy drain. All too often, the

impact of infiltration is not discovered until a building or space is fully constructed and operational,

at which time it becomes more challenging to correct. Learn about the impacts of infiltration and

factors that influence infiltration rates, along with methods to mitigate and control infiltration.

The Silent Energy Drain: Understand and Controlling Air Infiltration

Learning Objectives:

Craig Scully PE LEED AP

- 1. Understand the necessity of properly designed and installed fenestration flashing systems and review of the most widely used flashing materials
- 2. Understand the value of mock-ups and review actual field conditions that could be avoided
- 3. Understand the appropriate field-testing procedures
- 4. Learn how to specify an effective field-testing program Review practical considerations for an effective field-testing program with project examples



Michael D Roberts PE CHFM SrHE SASHE Advocate Health | Director, Energy Services 2025 ASHE Region 3 Representative NCHEA SUSTAINABILITY LIAISON

UPDATES, SCHEDULE, SPEAKERS, MORE DETAILS ONLINE



