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Spring 2022 Newsletter

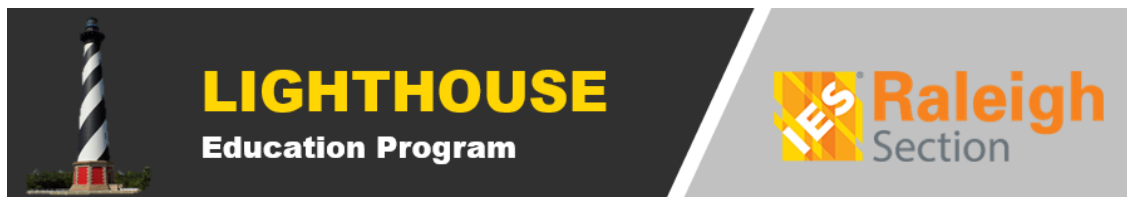
From the Editor

<<First Name>>, it's trade show season!

LEducation had over 7,000 preregistered attendees and over 380 exhibitors and 26 in person session. In my humble opinion, people are ready to get back together! Thanks to our colleagues at IESNYC for sponsoring the sessions! The show floor was jam packed for two days with manufacturers and OEMs, architects, lighting designers, specifiers, energy managers, electrical engineers and more! It was so great to see everyone in person again. [LightFair](#) registrations are now open! Add LighFair to your calendar for May 23-25, 2023 (conference runs May 21-25).

Members, keep an eye on your email for the section ballot. Voting is happening now!

Local Events



Educational Events

Topic: Webinar | Lighting 101: Basics of Circadian Lighting

Date: Thursday, April 13th

Time: 12pm-1pm

Join us THURSDAY (note this is a day change from our usual Friday webinars) for a LIVE webinar featuring Andrea Wilkerson, Senior Lighting Research Engineer at Pacific Northwest National Laboratory.

Andrea will discuss terms commonly used in the lighting industry such as circadian lighting

and melanopic lighting and associated metrics. Key research results to keep in mind when designing lighting for more than visual responses will be presented, along some recent simulation-based research and field research results.

Register here: [Eventbrite](#)

Register for Basics of Circadian Lighting

Social Events

Lumen & Lunch/Lagers are Section monthly informal in-person networking socials. All IES members, guests & those interested in becoming new IES members are invited to join. Lumen & Lagers socials are great venues for Emerging Professionals group to attend for networking, connecting with mentors, gain career advice & friendships.

Update: Socials have been updated to include evening programs for April and June.

Lumen & Lagers Social

Date: Friday, April 20th

Time: 4pm-6pm

Boxyard RTP

900 Park Offices Dr,

Research Triangle Park, NC 27709

RSVP for Lumen & Lagers

Lumen & Lunch Social

Date: Friday, May 19th

Time: 12pm-1pm

Namu

5420 Durham Chapel Hill Blvd,

Durham, NC 27707

RSVP for Lumen & Lunch

Lumen & Lagers Social

Date: Friday, June 15th

Time: 4pm-6pm

Boxyard RTP

900 Park Offices Dr,

Research Triangle Park, NC 27709

RSVP for Lumen & Lagers

Thank you to all our members who attended our live webinars.
As a reminder, you can rewatch any of our recorded webinars on our [IES Raleigh YouTube Channel](#)

We want to hear from you! Do you have an idea for a future educational or social event? Submit your ideas to iesraleighsection@gmail.com

Membership

Let's welcome our newest members, thank you for joining!

Christy McNeese | SESCO Lighting

Gary Neff | Team Lighting

Patrick Sites | Barrett, Woodyard & Associates, Inc.

Member Spotlight

This issue's member spotlight is on Jeff Hungarter!



Jeff Hungarter

"I'M MOST PROUD OF LAUNCHING THE DAYLIGHTING EXPERIENCE CALLED THE CADIANT DYNAMIC SKYLIGHT."

Member of IES Since 2008

Company: Cooper Lighting Solutions
Title: Director, Ambient Recessed/Surface Segment



When did you first hear about the IES and what prompted you to join? I heard about the IES first when I got into product marketing at Philips Lighting (now Signify) in New Jersey. I had been working in lighting for a few years already, but with a new product focused role I was excited to learn more about the science and history of lighting.

At what point in your career did you come to understand lighting was the career path for you?

I think once I got into product management it really became clear that I was falling for lighting. I realized that I would walk into buildings and stare at the ceiling, trying (like most

other IES members) to figure out what type of lighting was being used and if it was our Alto green end cap lamps. The story behind sustainability and the impact that I could have on putting less waste into the world really resonated with me. After that it was moving from traditional to LED technology and that did it for me- light + technology, I was sold!

What is the best thing about the Society? Why do you continue to renew?

Honestly, it's the relationships I've made within the organization and what I've learned from these other light lovers. Attending the IES conferences has been the most educational trade shows and the most fun as well. I really learned a lot of circadian and human health and light from the top scientists and professional in the industry at these conferences. People in the industry like researcher Dr. Mariana Figueiro, lighting innovator Gary Trott, and lighting designer Brienne Wilcox have really inspired me to think differently about innovation around light and health.

Past/Recent Projects

The project I'm most proud of was launching the daylighting experience called the Cadiant Dynamic Skylight. The program took over two years of research from our R&D team, as well as lots of voice of customer from the specification community with early prototypes and working to understand how we could give people the connection to nature that we all desire so much. The result was an amazing daylighting solution that looked like a real skylight and through connected technology could actually be programmed to move the sun across the day. It was an inspiring project to be a part of with a great team coming together to deliver an amazing innovation.

When not serving the advancement of the art and science of lighting, how do you like to spend your free time?

I love spending time playing basketball with my kids and playing tennis with my wife. Honestly, any way to connect with nature whether that's a round of golf or enjoying some rays at an outdoor brewery, I'm in!

Project Feature

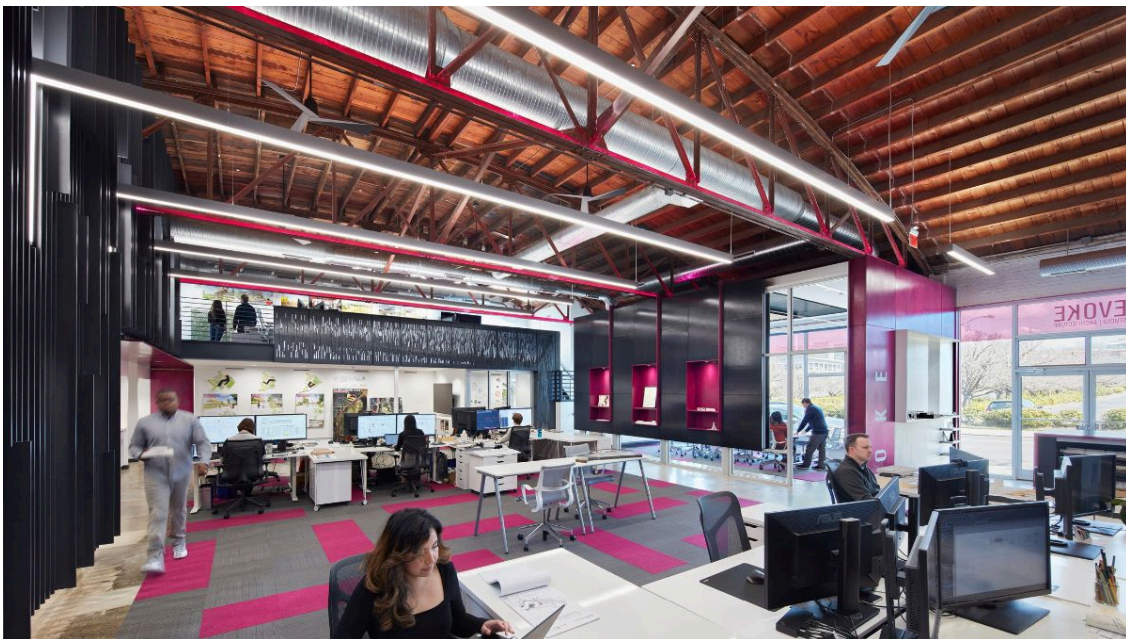
401 Foster

Project submitted by Ervin Kulenica, Director Of Engineering, Principal at O'Brien Atkins Associates, PA
Client: 401 Foster



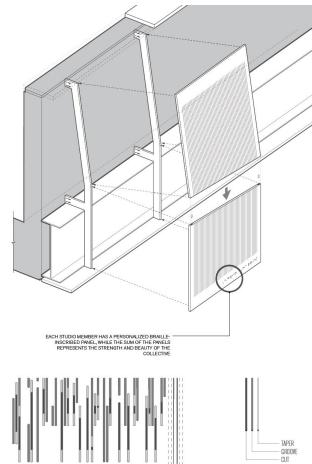
Ervin Kulenica

Director Of Engineering,
Principal at O'Brien Atkins
Associates, PA



Project Description: Durham, North Carolina Project Size: 5,500 SF
Durham is known for an industrial urban fabric borne out of its textile and tobacco origins. Amidst rapid growth in the Triangle, Durham's ethos has been to retain and repurpose the fabric of its industrial past for an emerging creative community. The transformation of 401 Foster draws upon this mission by repurposing a 1930's-era auto shop into EVOKE studio.

Selective demolition removed subdividing partitions to create a centralized open space. This open space forms the communal hub of the studio around which collaborative and supporting program elements are organized. In addition, the connected studio space celebrates the building's bowstring steel trusses, exposed wood ceilings, and concrete floors.

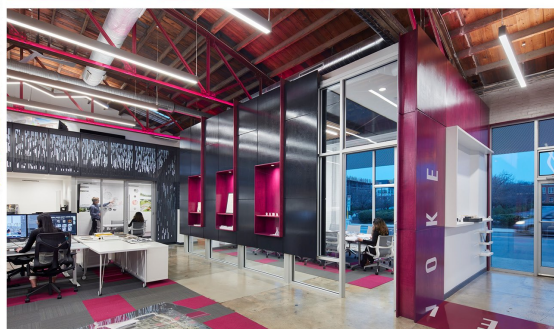
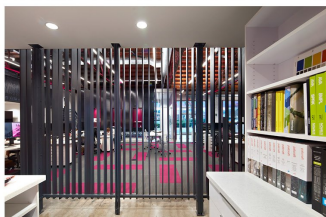
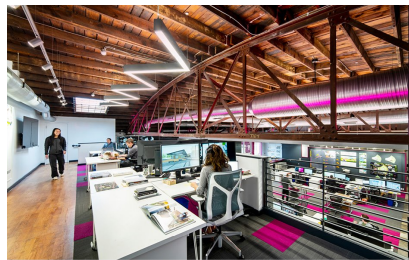


Name at least one unique challenge associated with this project?

One challenge was the low ceilings in the meeting areas, a second was staying in budget. To complement, rather than compete with, the beautiful rawness of these elements, new interventions and lighting are placed in the Hub space which reflects and embraces the hands-on nature of the building's history.

What factors contributed to the success of this project?

Collaboration with architect and lighting representative was a big part of the success of this project. Up-light color changing LED brings texture of wood ceiling to warmth nature and historical perspective of the space. Direct-indirect pendant lights are used in the open space. A beautiful transition from pendant to recessed vertical mounting on the wall is installed at a particular location. Each insertion is strategically placed and reflects the studio's material and fabrication explorations which combine both computer aided technology and traditional craftsmanship techniques. Arrival, gallery and conference areas take advantage of the now-glazed garage door openings along the street allowing for community engagement of the studio's design process to reinforce and cultivate Durham's vibrancy for innovation. Lighting in these spaces is designed to reduce glare and contrast. An art gallery is supplemented with track lighting to finesse gallery pieces and work drawings crafted in the studio.



Design Team:

Lighting Design: Ervin Kulenica, Director Of Engineering, Principal at O'Brien Atkins Associates, PA

Collaboration with Billy Askey, Co-Founder and Design Principal at EVOKE Studio Architecture, and Dawn Tafel, Specification Sales Engineer at Affiliated Lighting + Controls
All photographs © Mark Herboth Photography LLC unless otherwise indicated.

We want to hear from you!

Do you have a cool project you would like featured in our next newsletter?

Submit your projects to iesraleighsection@gmail.com or visit <https://raleigh.ies.org/>

Standards News

Did you know the Lighting Science Collection is Free for All Members?

Log in at <https://lightinglibrary.ies.org/> as a member, and you get full access to the Lighting Science Collection.

Job Postings

Electrical Senior Project Engineer | Affiliated Engineers | Chapel Hill, NC | [AEI Careers](#)

Electrical Project Engineer | Affiliated Engineers | Chapel Hill, NC | [AEI Careers](#)

Electrical Engineer II | Affiliated Engineers | Chapel Hill, NC | [AEI Careers](#)

Electrical Senior Project Engineer – Power Systems | Affiliated Engineers | Chapel Hill, NC
| [AEI Careers](#)

BIM Specialist I | Affiliated Engineers | Chapel Hill, NC | [AEI Careers](#)

Electrical Designer | Apogee Consulting Group | Cary, NC | [Apogee Consulting Group](#)

Electrical Designer | Apogee Consulting Group | Cary, NC | [Apogee Consulting Group](#)

Electrical Engineer | Apogee Consulting Group | Cary, NC | [Apogee Consulting Group](#)

Construction Administrator | Apogee Consulting Group | Cary, NC | [Apogee Consulting Group](#)

Cost Estimator | Apogee Consulting Group | Cary, NC | [Apogee Consulting Group](#)

Assistant Architecture/Engineering Project Manager | Apogee Consulting Group | Cary, NC
| [Apogee Consulting Group](#)

Distributor Sales Representative | Litesource | Greenville/Wilmington, NC | [Litesource Careers](#)

Senior Electrical Engineer (PE) | O'Brien/Atkins Associate | Durham, NC | Dana Dorroh
(dana@onesource-nc.com)

Lighting Instructor (part time) | Institute of Energy Professionals (IEP) | Raleigh, NC |
walterbright@theiep.org

Does your company have an open position in North Carolina, South Carolina or Virginia?
Email us at iesraleighsection@gmail.com. Include position / title, company name, and a company contact or link to the company job listing.

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