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WINTER 2021

Special Announcement

Board or Committee Nominations

Persons interested in a board or committee position with our local IES Raleigh Chapter should contact Katherine Hershey (khershey@teamlighting.com) or the general Raleigh Section inbox (iesraleighsection@gmail.com).

Upcoming Local Events

Educational Events

Writing and Holding a Lighting Specification

[*Register Here*](#)

Wed, Feb 24 | Live Webinar 12-1pm

Speakers: Bob Henderson LC CLE and

Katherine Barnes Lighting Designer LC,CLCP

Glare/Outdoor Lighting with Local Panel Discussion

Wed, March 24 - TBC | Live Webinar 12-1pm

Speakers: Panelist TBC

January program was a hit! Thank you for those who attended

Luminaire Level Lighting Controls (LLLC) Saving more than just time!

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

Welcome New Members

Glenn Edmonds / Greentech Solutions Group

Dr. Nicholas W Medendorp, Jr. / UV Innovators

Greg Johnson / RMF Engineering, Inc. / Volunteer on IES Raleigh Education Committee

Rodel Dating / Associate

Member Spotlight

This issue's member spotlight is on Justin Kobayashi - **3rd Year Emerging Professional**



Justin Kobayashi

Member of IES since 2018

Current role in membership: Emerging Professional

Past Roles in Membership: Vice-President of Roanoke-Blue Ridge Section

Company: Clark Nexsen

Title: Electrical Engineer EIT

Past/Recent Projects: Fralin Biomedical Research Institute at VTC, ECU Innovation Hub, Alamance Community College Biotechnology Center of Excellence, Virginia Tech Corps Leadership and Military Science Building

When did you first hear about the IES and what prompted you to join? I first heard about the IES when I initially started working as an Electrical Engineer at AECOM. From the very beginning, I wanted to learn more about lighting and my engineering mentors told me that the IES would be a great place to do that.

What is the best thing about the Society? Why do you continue to renew? To me, the best thing about the IES and why I will continue to renew into the future, is the educational opportunities. I have learned so much from the IES hosted webinars on different lighting topics and talking with other members. It's a wonderful community and I've made great connections through it.

At what point in your career did you come to understand lighting as a career path for you? I think it was during my first ever project that I realized that lighting could be a career path for me. I was responsible for the lighting calculations and renderings on the project, and I quickly discovered how amazing lighting design is and that lighting design was an actual profession. From that point on, it's been a goal of mine to do lighting design full time and now I have the amazing opportunity to do that while leading Clark Nexsen's Lighting Studio.

When not serving the advancement of the art and science of lighting, how do you like to spend your free time? Hopefully this pandemic will be over soon, because I love to travel and do landscape photography. When I am at home, I enjoy playing my guitar or piano and if it's a nice day outside, I like going biking or playing flag football with friends.

Project Feature

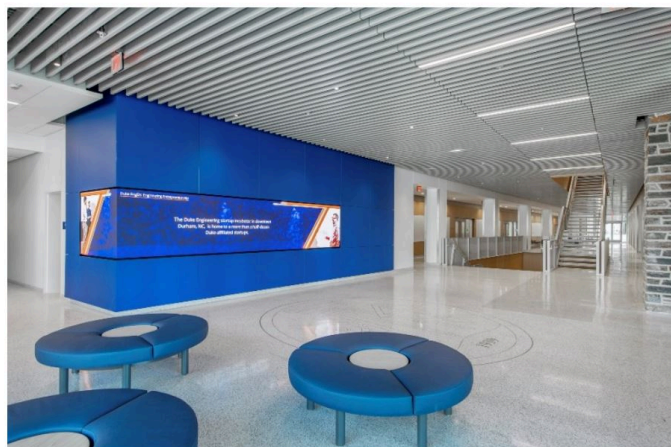
Duke University Pratt Engineering Building Durham, NC

Architect:
Bohlin Cywinski Jackson

Landscape Architect:
Surface 678

Electrical Engineer:
Affiliated Engineers

Lighting Designer:
Pivotal Lighting Design



Project Description: The new engineering building for Duke University is a 150,000 sq. ft. facility to house undergraduate and graduate level Environmental/Civil Engineering, Electrical and Computer Engineering, and Biomedical Engineering. The facility includes spaces for research, teaching labs, maker spaces, active learning classrooms, offices, conference rooms, and a tiered lecture hall. All these functions are organized around a wedge-shaped circulation

core pierced by stairs and openings and topped with a soaring skylight to facilitate daylight penetration.



What factors contributed to the success of this project? The design team developed a clear and consistent vision based on clean lines and unobstructed views carried throughout the entire project.

What was a unique challenge associated with this project? The lighting design team was split between a local office and Chicago office, and the Architect was out of Pittsburgh with no local architect, so the majority of communications and meetings occurred via web conference. This was all well before the pandemic.



Project submitted by Leah Robinson, AEI | Pivotal Lighting Design

Project photos by Charlie Sarratt, Skysite Images

We want to hear from you!

Do you have an exciting project you would like featured in our next newsletter?

Submit your projects to iesraleighsection@gmail.com

Additional Announcements

Illumination Awards

National Illumination Award submissions are OPEN
and the deadline to enter is February 19, 2021!!



Job Postings

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

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

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

Process Development Engineer | Cree Inc. - Durham | [CREE](#)

Does your company have an open position in North Carolina, South Carolina or Virginia that you would like to include in our upcoming newsletter? Email us at iesraleighsection@gmail.com. Include position / title, company name, and a company contact or link to the company job listing. That's it!

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