Dear Emerging Professionals (EPs) and Students

On behalf of the entire EP committee, I would like to welcome you to the 10th EP Workshop held virtually on **Friday, August 21, 2020 (11:00 AM – 5:00 PM ET)** before the IES Virtual Annual Conference 2020. While we face unprecedented times, we are committed to providing a relevant, timely, and engaging virtual EP program this year.

We have great and well-known speakers from the lighting industry that cover a broad spectrum of the most relevant and important topics such as light and health, disruption in lighting, diversity and inclusion, latest technology in lighting design, and other topics. Please make sure to attend the live breakout discussions at the end of the day (4:00-5:00 PM ET) for insights from the speakers and engaging interactions that you help shape with your questions.

Due to the generous contributions of the EP sponsors, the IES is pleased to announce that this year’s virtual EP Workshop is free for all EPs! In addition, a substantial number of EPs (+350) will be able to attend the IES Virtual Annual Conference at no cost. We thank all EP sponsors for this year’s contributions.

We hope that the 10th EP Event will be insightful and valuable for advancing your careers!

Regards,

Yulia Tyukhova,
EP Chair

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Thank you to all those involved in this year’s Emerging Professional Workshop!

**Committee members:**
Chip Israel  
Chris Bright  
Chrysanthe Stockwell  
Daniel Salinas  
Fred Hasler  
Geof Wright  
Ira Rothman  
Lisa Reed  
Yulia Tyukhova

**Sponsors:**
Complete listing on last page

**Lighting Professionals:**
Addie Smith  
Carla Bukalski  
Elizabeth Williams  
Jennifer Jaques  
Sam Koerbel

**IES Staff:**
Charyliz Rodriguez  
Marie Meacham  
Timothy Licitra  
Tom Butters

**Speakers plus bios on pages 4-7**
Antonio Garza  
Jennifer Jaques  
Tanya T. Hernandez  
Bernadette Boudreaux  
Krystle Smith  
Edward Bartholomew  
Kailey M. Lietzke  
Jonathan B. Bartling  
Sam Koerbel  
Nathalie Rozot  
Gary Trott  
Lars J. Christiansen  
Mariana G. Figueiro  
Sara Schonour  
Steven Rosen
**EP DAY WORKSHOP**

**FRIDAY, AUGUST 21, 2020**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>11:00-11:10 AM ET</td>
<td>Opening of the 10th EP event by IES president Antonio Garza.</td>
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<tr>
<td>12:30-12:35 PM ET</td>
<td>“Managing a team and fostering collaboration remotely “ - a quick conversation with a lighting designer (by Sam Koerbel, Lytei).</td>
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<td><strong>Break</strong></td>
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<td>1:00-2:00 PM ET</td>
<td>“Disruptors in lighting” Nathalie Rozot, Sam Koerbel, Gary Trott, and Lars Christensen.</td>
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<td>2:00-2:15 PM ET</td>
<td>“One thing people don’t know about lighting design” (by Sam Koerbel, Lytei).</td>
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<td>2:15-3:00 PM ET</td>
<td>“Application of light and health research: how to do it right.” Mariana Figueiro.</td>
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<tr>
<td>3:00-3:05 PM ET</td>
<td>“Meet Howard Brandston” (by Sam Koerbel, Lytei).</td>
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<td><strong>Break</strong></td>
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<tr>
<td>4:00-5:00 PM ET</td>
<td><strong>Zoom breakout room 1</strong> – “Town Square” with Antonio Garza. Discussion of topics that are important to EPs (e.g. effects of COVID-19 on work, navigating business environments such as conferences, types of training/education available and needed, etc.).</td>
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<td><strong>Zoom breakout room 2</strong> – “Lighting Design” with Sara Schonour and Steven Rosen. Topics related to the profession of lighting design.</td>
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<td><strong>Zoom breakout room 3</strong> – “Disruption and business” with Lars Christensen, Nathalie Rozot, and Gary Trott. Topics related to starting your own business, disrupting the industry, and finding your path.</td>
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<td><strong>Zoom breakout room 4</strong> – “Technology in lighting” with Kailey Lietzke and Jonathan Bartling. Topics related to using the latest technology in the field of lighting design.</td>
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<td><strong>Zoom breakout room 5</strong> – “Diversity and inclusion” with Tanya Hernandez, Bernadette Boudreaux, Krystle Smith, and Ed Bartholomew. Topics related to diversity and inclusion.</td>
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<td></td>
<td><strong>Zoom breakout room 6</strong> – “Light and health” with Mariana Figueiro. Topics related to light and health, lighting research and its application.</td>
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**Description for the zoom rooms:**
Live discussions with the speakers of the EP day and other EPs in the breakout rooms will be shaped by your questions. The general direction of the discussion is guided by the speaker’s presentation earlier in the day. Each room will be moderated by two EP committee members.

The first 15 minutes will be devoted to the fun Kahoot! Trivia game (open https://kahoot.it in your browser). Join us for socializing and fun engagement!

**All attendees must assemble in zoom room #1 at 4:00 PM ET for the Kahoot game. The live discussions will take place in each of the breakout rooms following the game session.**
EP DAY WORKSHOP

SPEAKERS BIO

Antonio Garza
Partner, Iluminacion Total
IES President

Antonio Garza has been an IES member since 1998. He is a mechanical & electrical engineer with more than 25 years’ experience in lighting. He has a Masters degree in Lighting from the University of Colorado. Residing in Monterrey, Mexico, Antonio does specification and sales work for all types of projects. He teaches at the College of Art, Architecture and Design of the Universidad de Monterrey. He is Lighting Certified by NCQLP and is past President of the Mexico Section. He sits on the Board of Directors of the IES since 2015 and currently serves as IES President.

Jennifer Jaques, IES, LC
Owner, Lighting Application Sciences, LLC
IES Past-President 2019-2020

Jennifer Jaques joined the lighting industry in 1995 through employment at the Wide-Lite Corporation, then founded her own company, Lighting Application Sciences, LLC in 2000. In 2007 she became LC certified through National Council of Qualified Lighting Professionals and is the Authorized Texas instructor for all levels of the Lighting Analysts’ AGi32 lighting software. She has been a member of the Illuminating Engineering Society since 1995. She was the IES Annual Conference steering committee chair twice and South Regional director for two terms. In 2013 and August 2018, she received the IES Presidential Award for her work in efforts to promote the society. Most recently she has served as IES Society President 2019-2020 and is currently IES Past President.

Tanya T. Hernandez, PE, LC
Acuity Brands Lighting, Inc
Director, Government & Industry Relations

Tanya Hernandez works on energy regulations, energy codes, and is a liaison to standards development organizations. An electrical engineering graduate from NCSU, she is a PE and LC and has worked in diverse areas of lighting, including technical lead on specification development, certification engineering, electrical engineering and lighting design. Tanya’s passion for lighting is demonstrated in her presentations at the IES Annual Conference and LightFair, and through her active membership in the IES, serving three terms as Raleigh Section President and several years on the Testing Procedures Committee.

Tanya T. Hernandez, PE, LC
Acuity Brands Lighting, Inc
Director, Government & Industry Relations

Bernadette Boudreaux
DLC’s Solid-State Lighting/Horticulture/ NLC programs
Senior Technical Operations Manager

Bernadette Boudreaux provides technical expertise for policy and process development/improvement and manages contracts/policies for application processing. An accomplished and detail-driven product development engineer with 19 years of experience, including product-development at Ford and electrical product-development at Acuity Brands. She was responsible for design/development/launch of 3 major vehicle interiors and 50+ commercial lighting electrical systems. Bernadette earned her BS-Mechanical Engineering from Howard University and is steadfast in continuing education. She is an Emerging Professional member of the IES, member of the IES Technical Procedures Committee and Women In Lighting Design.
Krystle Smith, MIES  
Senior Lighting Designer, RUSHING  
Earning her Master of Fine Arts in Stage Lighting Design from Purdue University, Krystle has a dynamic lighting background ranging from architectural to live entertainment, casinos, architainment and television lighting. Her expertise lies in design, details and in-field coordination—she loves to be on-site during construction to aide in project success. Krystle has been an active IES board member for the Detroit and Puget Sound sections, as well as past Emerging Professional chair for Detroit. She’s currently a Senior Lighting Designer at Rushing Co. in Seattle, WA.

Edward Bartholomew  
Principal, Bartholomew Lighting  
Edward Bartholomew has over twenty-five years’ experience designing architectural lighting systems. He has won numerous lighting design awards while refining evidence-based sustainable lighting strategies. His involvement on every project is focused on a creative collaboration with the client to effectively design sustainable, socially responsible, inspiring, visual environments. Edward has an MFA from the Parsons School of Design in Architectural Lighting Design. He has written numerous articles and serves on several industry committees. He is a thought leader on socially responsible and sustainable lighting. His passion is to expand opportunities for diverse perspectives and cultures, while serving under-represented communities with inspiring design.

Kailey M. Lietzke, LC, PE,  
Associate IALD, EDAC  
Lighting Designer, HGA  
Kailey M. Lietzke’s understanding that light is fundamental to architecture and essential for human well-being, works with teams to determine the extent, nature, and type of lighting that will aesthetically enhance buildings. She strives to make the lighting dynamic sustainable, while remaining sensitive to the intended use of the space. In 2015, Kailey graduated from the Milwaukee School of Engineering with a BS in Architectural Engineering and began working at HGA. Today, she works as a lighting designer and serves as the BIM Manager for the Lighting and Electrical disciplines. Kailey holds both her LC and her PE.

Jonathan B. Bartling, AIA, LEED AP BD+C  
Director of Digital Practice, HGA  
Jonathan Bartling coordinates a team of BIM, virtual reality, computational and fabrication specialists. Jonathan believes in finding innovative solutions and brings technology, design and construction together in a digital environment to address the toughest challenges. A frequent lecturer, he has shared his expertise at numerous symposiums and conferences, including the Monterey Design Conference, Autodesk University and the BIM Future Symposium. Jonathan has a Masters in Architecture and Sustainable Design.
Sam Koerbel  
**Founder, Lytei**  
Sam Koerbel is a cheerleader for lighting. His energy and excitement echo that of his alma mater, The University of Colorado, where he won two Division 1 national championships as CHIP the mascot. Along with an architectural engineering degree focused on the art and science of light, he has a background in sales. His experience as a creative director and professional photographer inspired him to innovate and imagine. Each day he connects with thousands of lighting enthusiasts who learn on-demand with Lytei, a captivating hub that empowers light ideas.

Nathalie Rozot  
**PhoScope, Founder, Phototect**  
Nathalie Rozot has received professional awards from the IES; research grants from NYSCA, NYSERDA and NASA; artistic fellowships from the Graham Foundation for Architecture, MacDowell and NYFA; and sponsorships from NYFA and the Van Alen Institute. Rozot has taught at the New School’s and Versailles and Lille’s schools of landscape architecture’s Masters programs; and she has published, lectured, and juried internationally. She is a MIES and education member of the IALD.

Gary Trott  
**VP of Technology Commercialization, Acuity Brands**  
Gary Trott has a passion for driving the development of breakthrough lighting products that change the way we light the world. This has been the focus of his 25+ year career and he has been the team leader or marketing lead of some of the most significant new product releases in the past two decades. Gary is currently the VP of Technology Commercialization for Acuity Brands where he is driving the implementation of new technologies across the business. His first focus is on additive manufacturing and UV disinfection.

Lars J. Christiansen  
**LIGHTAZ, CEO, Co-founder**  
Lars Christiansen has more than 25 years of international lighting experience from Louis Poulsen Lighting, Legrand and Zumtobel Lighting, where the last 15 years have been in US. With a background in technology and lighting, Lars Co-founded LightAZ a Technology start-up, Search-engine for the professional lighting industry in North America. After years of development LightAZ.com has become the largest and most innovative search platform in North America. Born in Denmark, Lars is a graduate from Copenhagen Business school with a Major in Strategy, Sales and Marketing.
Mariana G. Figueiro, Ph.D.
Director, Lighting Research Center (LRC)
Professor, Architecture at Rensselaer Polytechnic Institute
Mariana G. Figueiro served as the LRC’s Light and Health Program Director since 1999. Dr. Figueiro is well known for her research on the effects of light on human health, circadian photobiology, and lighting for older adults. In 2013 she was elected Fellow of the Illuminating Engineering Society. She is the author of more than 100 scientific articles in her field of research. Her research is regularly featured in national media, including a TEDMED talk.

Sara Schonour, LC, IALD
Vice President, CannonDesign
Sara Schonour leads CannonDesign’s Lighting Studio. She couples her extensive lighting design experience with a deep understanding of architectural design, bringing seamlessly integrated solutions to the broad range of CannonDesign’s clients. Sara is active in the lighting design community, serving as the President of the Designers Lighting Forum of New England (DLF-NE), and teaching as an adjunct professor at the Boston Architectural College (BAC). A recognized leader within the field, Sara is a regular contributor at conferences and industry events, and has been honored with “40 Under 40” recognition from Building Design + Construction, Consulting-Specifying Engineer, and Lighting magazine.

Steven Rosen, FIALD, IES
President & Creative Director, Available Light
It was Steven’s interest in applying theatrical lighting techniques to architectural environments that led to his founding of Available Light over 28 years ago. In hundreds of projects across the globe, his passion for light and design spans commercial/educational interiors, grandly themed hospitality spaces, dinosaurs sunning themselves in natural history museums, and aliens warring in trade show exhibit displays. Steven, a Fellow of the IALD, is Past-President of the IALD Education Trust. He is committed to developing the next generation of lighting designers.
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