BIOSKETCHES OF PARTICIPANTS
Transforming Healthcare and Well-Being through Lighting Workshop

Mary Alcaraz
Senior Project Manager, Children’s Hospital of Philadelphia
Mary is a leader in power engineering and lighting systems for healthcare facilities. She has written numerous articles, won awards for lighting designs, and spoken internationally on healthcare, lighting and energy topics. She is currently a Board Member for the Designing Futures Foundation affiliated with the Charter High School for Architecture + Design in Philadelphia, and a Sub-Chair for the re-write of IES/ANSI RP-29 “Lighting for Hospitals and Healthcare Facilities”. Recent Speaking Engagements include 2016 ASHE Planning Design and Construction, the Healthcare Design 2015 Conference and the 2014 ASHE Annual Technical Conference.

George C. Brainard
Professor, Department of Neurology, Thomas Jefferson University
Dr. Brainard has directed Jefferson's Light Research Program since 1984. This program's research studies the effects of light on neuroendocrine physiology and circadian regulation in humans. Using the techniques of photobiology, radioimmunoassay, and performance testing, this group has documented how various visible and nonvisible light sources influence both hormonal balance and behavior. Current studies include elucidating the action spectrum of melatonin regulation, investigating the phase shifting capacities of light, studying the influence of light on tumor progression, and testing new light treatment devices for winter depression.

Douglas S. Erickson
CEO Facility Guidelines Institute and Senior Advisor, Specified Technologies, Inc.
Doug provides expertise in healthcare facilities planning, design, and construction with more than 40 years of industry experience, including experience as a healthcare facility manager, consultant, an authority having jurisdiction, and the principal advocate representing the American Hospital Association (AHA)/American Society for Healthcare Engineering (ASHE) membership on national codes, standards, and built environment committees. He is a member of ASHE, the National Fire Protection Association (NFPA), and the American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE). He also served on the Joint Commission's Committee on Healthcare Safety for over 10 years. He is a featured speaker at national and local conferences on health care facility codes, standards, guidelines, and environmental infection control. Doug was also selected for ASHE's highest membership award in 2013 – The Crystal Eagle.
**Karyn Gayle**  
*Vice President, Healthcare Vertical, Acuity Brands*

Karyn Gayle is the Vice President of Healthcare at Acuity Brands Lighting, one of the world’s leading lighting, controls and daylighting manufacturers. With more than 16 years of experience in the lighting industry, she is keenly focused on understanding and improving the visual experience of those in the healthcare industry in a sustainable, energy-efficient manner. A strong advocate for the role that advanced lighting systems play in enabling optimized environments for patients, caregivers, staff, and families in healthcare facilities, she works closely with Acuity Brands R&D and product design teams to ensure the company is leading the healthcare space through technological advancements, evidence-based design principles, and voice of the customer insights. Throughout the past several years, Karyn has conducted educational presentations, workshops, focus groups and in-depth seminars on lighting and controls design for healthcare facilities to thousands of participants across North America. She has an MBA in international business and a BBA in marketing from Georgia State University.

**Charles Gianfagna**  
*Consultant, Charles Gianfagna, LLC*

Forty six years of progressive leadership in Healthcare Enterprise Physical Assets Management, Strategic Planning, Design and Construction, Facilities Management, Real Estate Development, Acquisitions and Property Management. Organized, right-sized, and implemented five major capital campaigns including Memorial Sloan Kettering Cancer Center, The General Hospital in Passaic, Kings County Hospital, Lenox Hill Hospital, St Peters Healthcare Partners, on time and on or under budget; in excess of 7 million sq. ft., totaling $3 billion. Prior to relocating my consulting practice to New York, I served as the commissioning officer for Baylor St. Luke’s Medical Center’s (BSLMC) replacement hospital project, in the Texas Medical Center, Houston. The Enterprise capital budget was $1 billion; the replacement scope required over 2 million sq. ft. of new construction in four mega phases.

**Gary Giovinazzo**  
*Alliance Director, CBRE - NYC H+H Corporation*

NYC H+H is one of the largest public hospital systems in the nation composed of 21 Acute Care Hospitals, Long Term Care Facilities, Nursing Homes, Clinics and Diagnostic and Treatment Centers serving all eight and a half million New Yorkers. Prior to his tenure at CBRE, Gary was Associate Executive Director at Metropolitan Hospital Center, one of the H+H facilities, where he retired after 27 years. In his role as Alliance Director he is responsible for the account management as well as all aspects of Physical Plant Operation for all 21 facilities. Mr. Giovinazzo is an active member of the American Society for Healthcare Engineering (ASHE) earning the
designation of Senior (SASHE), the National Fire Protection Association and the Healthcare Facilities Management Society, a local Chapter of ASHE. He holds a NYC Master Electrician License and is a Certified Healthcare Facility Manager (CHFM), a Certified Healthcare Safety Professional (CHSP) and a Certified Healthcare Emergency Professional (CHEP). He is currently serving on a task force for ASHE whose mission is to reduce the 10 most common facility and life safety code finding during Joint Commission surveys.

**Thomas Jung**

*Health Care Planning & Design Consults for Thomas M. Jung Consulting, LLC*

Thomas has 30 years of regulatory experience in the healthcare design field. He spent 24 of those years with the New York State Department of Health's CON Program, assuming increasing levels of responsibility and retiring as Director of the program. Tom joined the Center for Health Design’s Environmental Standards Council in 1996, a major influence on his communication with designers and providers seeking state licensure and approval. He was also involved with developing the Facility Guidelines Institute’s Guidelines for Design & Construction of Health Care Facilities between 1997 and 2013, serving on the Steering Committee, FGI board, and briefly as CEO. Tom has been recognized by Columbia University’s Mailman School of Public Health, the New York Society for Health Planning, and Healthcare Design Magazine as a national health care professional. Retiring from NYS in 2011, Tom currently serves on the Center for Health Design’s Board of Directors, and does limited consulting.

**Wayne Keathley**

*President, CHI St. Luke’s Health/Baylor St. Luke’s Medical Center*

Wayne Keathley was named President of CHI St. Luke’s Health/Baylor St. Luke’s Medical Center on January 1, 2014. He is leading the Baylor St. Luke’s Medical Center in the Texas Medical Center and the expansion of the Medical Center to Baylor College of Medicine’s McNair Campus. Keathley joined Baylor College of Medicine in 2013 as President of the Baylor College of Medicine Medical Center and Health Network. Prior to joining Baylor, he served as President and Chief Operating Officer of Mount Sinai Hospital in New York City for nine years. Under his leadership the Hospital experienced remarkable growth, markedly improved operating and financial performance, and credit strength. It first achieved national ranking as a "Best Hospital" by U.S. News & World Report (ranked 14th) and earned Honor Roll status in 2012. With more than 25 years of hospital operations experience, he has served as Senior Vice President and Chief Operating Officer at St. Peter’s Hospital Health Care Services and previously as Vice President for Operations at Lenox Hill Hospital. Mr. Keathley serves on the Board of Glocal Healthcare Systems-India, is a Senior Executive Advisor to the Horizons Clinic – The Gambia, Africa and is on the Advisory Board of 24 Access by Stimmt Medical, Mexico, D.F. He also serves as Chairman of the Board of Directors of Tunstall Healthcare US. He is particularly interested in improving access to health services in underserved communities. Mr. Keathley holds a Masters of Public Health, Health Administration from Columbia University - Columbia Business School.
Karen Lee  
**Head of Vertical and Applications Marketing for LEDVANCE**
Karen is the head of Vertical and Applications Marketing for LEDVANCE LLC, a fully-owned subsidiary of OSRAM GmbH, and has been in the lighting industry for over 25 years. With an engineering background, she has held roles in R&D, product development, product management, business development, education and marketing for all light source technologies in both general and specialty lighting applications. In her current role, Karen is responsible for presenting lighting system solutions in a way that is most appropriate for achieving end user objectives, including ensuring lighting quality, energy efficiency, optimized maintenance strategies, and achieving business performance goals. Karen is Lighting Certified by the National Council on Qualifications for the Lighting Professions (NCQLP) and is a LEED Accredited Professional. She is an active member of the Illuminating Engineering Society (IES) Health Facilities Lighting Committee, and has served on several committees for the International Association of Lighting Designers (IALD), LIGHTFAIR International, and Greenbuild. Karen holds Bachelor and Master of Science degrees in materials engineering from Brown University.

Dorene Maniccia  
**Senior Project Manager at Philips**
Dorene has 25+ years of experience in lighting design, applications, research, building and lighting systems technologies, engineering, market development and industry relations. At Philips Research she is dedicated to developing application-specific lighting system innovations that benefit people and the environment. Prior to Philips, Dorene spent 12 years with WattStopper, was an Assistant Professor and researcher at RPI's Lighting Research Center, and spent a portion of her career in the design and consulting profession. Dorene's diverse yet deep experiences bring several years of working with major market influencers in both the private and public sectors and all aspects of the light and buildings industry. She is the recipient of multiple lighting design awards, and has published many research papers and trade articles on lighting controls and lighting applications. She holds both a Bachelor's and Masters of Science in Architectural Engineering from Penn State.

Martin Moore-Ede  
**CEO, CIRCADIAN® Light**
Dr. Moore-Ede leads the CIRCADIAN® Light team developing and manufacturing LED luminaires with medically-optimized light spectra for 24/7 industrial and healthcare operations. For over 30 years, Dr. Moore-Ede has been a leading expert on circadian clocks. After experiencing the challenges of fatigue as a surgeon-in-training required to work 36-hour shifts, Dr. Moore-Ede was one of the first to define the challenges of living, working and sleeping in a 24 hour a day, 7-day a week world. As a professor at Harvard Medical School (1975 – 1998), he led the team that located the...
suprachiasmatic nucleus, the biological clock in the human brain that controls the timing of sleep and wake, and pioneered research on how the human body can safely adapt to working around the clock. In 1983 he founded CIRCADIAN® which optimizes 24/7 workforce productivity, health and safety for over half of the Fortune 500 companies. Dr. Moore-Ede graduated with a First Class Honors degree in Physiology from the University of London, and received his medical degrees from Guy’s Hospital Medical School, and his Ph.D. in Physiology from Harvard University. He has published 10 books, and more than 145 scientific papers on circadian physiology and its applications to human health, safety and productivity.

Karen Pharaoh Murphy  
*Senior professional associate with HDR Architecture*

Karen Pharaoh Murphy LC, IALD, LEED AP is a senior professional associate with HDR Architecture and has over 25 years’ experience as an architectural lighting designer. Karen has been published in several magazines and most recently presented at Lightfair’s Healthcare Forum and the 2015 Healthcare Design Conference. She has won multiple IESNA Illumination Design Awards, has developed lighting guidelines for NY Presbyterian and the US Veteran’s Affairs. Karen is currently a member of the IESNA's RP-29 healthcare committee. She is a graduate of Penn State University’s architectural engineering program with a specialty in lighting and electrical systems.

Eunice Noell-Waggoner  
*President of the Center or Design for an Aging Society*

Eunice Noell-Waggoner is President of the Center of Design for an Aging Society. She has practiced interior architectural design for over 30 years. Her current work through the Center involves developing and coordinating demonstration projects to raise awareness of age-related issues along with positive action plans for individuals, local communities and national interests. She has presented at numerous national and international conferences on aging, design and lighting, and authored numerous articles published in design magazines and health journals. She is Lighting Certified (LC) by the National Council on Qualifications for the Lighting Profession. She delivers presentations, publishes chapters and articles in peer reviewed publications, and works with national standard setting organizations, including the Illuminating Engineering Society, ASHRAE, the Facilities Guidelines Institute, the National Institute of Building Sciences, as well as state and local agencies.
Shadab Rahman
Instructor in Medicine, Harvard Medical School; Associate Neuroscientist, Brigham & Women’s Hospital

Dr. Rahman’s research interests are in sleep and circadian neurophysiology – primarily in basic and applied circadian photobiology. He has been studying how the spectral, duration and pattern characteristics of light modulate behavioral, endocrine and molecular outputs that are under the control of the biological clock. Other interests are peripheral rhythms including metabolic, immune and reproductive rhythms. He is exploring the endogenous circadian regulation of these rhythms and the effects of light exposure on these rhythms. Dr. Rahman’s goal is to combine the findings from these two research streams to develop effective photobiologic countermeasures for circadian disruption.

James E. Sheedy
Professor Emeritus at Pacific University

Dr. Sheedy received his optometry degree and his doctorate in physiological optics from the Ohio State University. He was a Clinical Professor at the University of California at Berkeley where he founded the first VDT Eye Clinic in 1985. He is also recognized as an expert in the design and prescribing of progressive addition lenses. He has twice received the Garland Clay Award and the William Feinbloom awards from the American Academy of Optometry. He also received the Distinguished Service Award from Prevent Blindness America. He has over 140 published articles and has participated in the development of numerous ANSI and ISO standards and regulations. Dr Sheedy has earned a reputation as expert in vision at digital displays. This has led to research into hardware and software configurations of desktop, handheld, 3D and augmented reality computer displays. Currently Dr. Sheedy is Professor Emeritus at Pacific University.

Jason Schroer
Principal, Director HKS Houston

“I truly believe that design makes a difference,” declared Jason, an 19-year architectural pro. “Through evidence-informed design, we can prove it.” For more than 19 years, Jason has specialized in designing and planning projects for the healthcare industry. He is a practice leader that focuses on a vast range of healthcare projects. From leading academic medical centers to community hospitals located throughout the United States and abroad, Jason is at the forefront of a variety of healthcare projects including replacement hospitals, specialty hospitals, ambulatory-surgery centers and assorted healthcare renovations. He also believes that humanity connects us more than it divides us. “Because I’ve worked extensively internationally, people frequently ask me, ‘What are the differences between the U.S. and other countries?’ I tell them, “All of us have the need to be healthy and function at a high level on a physical, emotional and spiritual level. Healthcare design has a tremendous impact on every person in the world.”
Ellen Taylor

Vice President for Research at The Center for Health Design

Ellen Taylor is the Vice President for Research at The Center for Health Design, where she leads multiple research initiatives and grant-funded projects. She has a degree in architecture from Cornell University, MBA degrees from Columbia University and London Business School, and she completed her PhD in human factors and designing for patient safety at Loughborough University in the UK. She serves on the Executive Steering Committee for the FGI Health Guidelines Revisions Committee in the US and the Editorial Advisory Board of the Health Environments Research & Design (HERD) Journal.

Bianca van der Zande

Senior Scientist at Philips Research and topic owner for Human Centric Lighting

Bianca van der Zande is a Senior Scientist at Philips Research leading the research team in the area of human-centric lighting: evidence-based lighting solutions for optimum vision, wellbeing and performance. Bianca has over 10 years of experience in the area of lighting research. She has translated scientific knowledge about the biological effects of light into new lighting systems for a broad range of application areas including nursing homes, schools, offices and homes. Her work includes early validation of the ideas and solutions with consumers as well as validation of the product in the field with professional lighting customers. Bianca holds a doctorate in Physical and Colloid Chemistry from the University of Utrecht in The Netherlands.