

Spring 2025 Conference

Sustainable Horizons: Advancing Healthcare Design for a Greener Future

Date & Time In-Person Conference: **Friday, May 30, 2025 – 8:00AM to 3:00 PM**

Location Hyatt at Olive 8
1635 8th Ave Seattle, WA 98101

About Join the [Architecture for Health Committee \(AHC\)](#) for the annual AHC Spring Conference. As healthcare facilities work toward a more sustainable future, the adoption of clean energy and resilient design presents both opportunities and challenges. This conference will explore how healthcare systems can integrate sustainability while balancing operational demands, financial constraints, and regulatory requirements. Through expert insights and real-world case studies, we'll examine the technologies, policies, and strategies driving greener, more efficient healthcare environments.

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| Agenda | 8:00 – 8:30 AM | Networking / Registration Coffee & Light Refreshments |
| | 8:30 – 9:00 AM | Event Introduction <ul style="list-style-type: none">▪ Anthony Collins – AIA Seattle▪ Jim Wolch – AHC Co-Chair |
| | 9:00 – 9:55 AM | Keynote Presentation: Harborview Medical Center Environmental Stewardship <ul style="list-style-type: none">▪ Juan Escalente, Assistant Administrator of Essential Services▪ Ted Klainer, Senior Director of Capital Planning and Development |
| | 9:55 – 10:55 AM | Clean Energy Solutions and Strategies – Panel Discussion <ul style="list-style-type: none">▪ Tom Bowen, Sazan▪ Kevin Charap, MAD Energy NW▪ Dylan Tinnell, AEI Engineers |
| | 10:55 – 11:05 AM | Break |
| | 11:05 – 11:55 AM | Designing for the Future <ul style="list-style-type: none">▪ Andy Drissell, Project Architect, Mahlum▪ Janet Jacobs, Project Architect, Mahlum▪ Justin Chitwood, Project Manager, Mahlum |
| | 11:55 – 12:45 PM | Lunch |
| | 12:45 – 1:35 PM | WSP Presentation: Decarbonizing Healthcare <ul style="list-style-type: none">▪ Ray Swartz, Sr Vice President Properties and Buildings |

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| 1:35 – 1:45 PM | Break |
| 1:45 – 1:47 PM | Sponsor Introduction: Stantec |
| 1:47 – 2:35 PM | Embracing a Broader Vision: Sustainability Redefined at 48X – Smith Group + DPR Construction <ul style="list-style-type: none">▪ Aimee Chan, Principal, Design, Smith Group▪ Jackie Lee, Principal, Smith Group▪ Marshall Andrews, Northwest Sustainability Leader, DPR Construction |
| 2:35– 3:00 PM | Closing Remarks (Architecture for Health Committee) |

SPEAKERS



Keynote Speaker: Juan Escalante, Assistant Hospital Administrator of Essential Services, Harborview Medical Center | Juan Escalante serves as the Assistant Hospital Administrator of Essential Services at Harborview Medical Center, where he oversees Environmental Services, Nutrition and Food Services, and leads environmental sustainability initiatives. For over 20 years, Juan has been an advocate for sustainability by implementing waste reduction programs for major organizations such as the San Diego Padres and Seattle Seahawks. After transitioning to healthcare, he continued driving meaningful change by developing a Sustainability in Healthcare program, launching green initiatives for hospital service teams, and advancing system-wide efforts at Harborview and UW Medicine. Juan currently leads innovative projects focused on reducing greenhouse gas emissions from anesthetic gases and converting food waste into energy through anaerobic digestion—demonstrating his commitment to environmental stewardship in healthcare operations.



Keynote Speaker: Ted Klainer, Senior Director of Capital Planning and Development, Harborview Medical Center | Ted Klainer has worked as a Capital Project Manager at Harborview Medical Center for 15 years. Ted has worked on a wide range of construction projects at the hospital during those years. Those projects include everything from small renovation work to new construction like the Ninth and Jefferson Building. He is the in-house representative for Harborview's MIMP Standing Advisory Committee (SAC) and has held that role for nearly 10 years. Ted is also a member of Swedish Medical Center's First Hill SAC and Virginia Mason Medical Center's SAC. He was also a member of Seattle Housing Authority's Yesler Terrace Citizens Review Committee for nearly 10 years. Ted continues to ensure that Harborview Medical Center is an engaged and contributing neighbor on First Hill by advocating for well-designed new construction that enhances the pedestrian experience on First Hill.



Marshall Andrews LEED AP, TRUE Advisor, Northwest Sustainability Leader, DPR Construction | With over 15 years of experience, Marshall Andrews has displayed a talent and passion for sustainability. He has helped develop in-house estimating tools to calculate the Return on Investment (ROI) for various levels of LEED certification early in the design process, led educational efforts preparing DPR's employees to test and receive the LEED AP and TRUE AP certifications, and developed company programs to support zero waste, electrification, and carbon accounting. His diverse onsite project experience includes sustainable construction for colleges, offices, hospitals, biopharmaceuticals, and data centers, including an AIA COTE Top 10 award. As the Northwest Sustainability Leader, Marshall's early integration has been key for the successful execution between various design and construction disciplines.



Thomas Bowen, Technical Manager, Clean Energy Solutions, Sazän | Tom is the technical lead for Sazan Group's sustainability team and focuses on providing strategic planning, feasibility, and engineering support for our Clients' energy projects. He has 10 years of experience in quality assurance program administration and most recently was a part of Sazan's building Commissioning team. In 2021, he completed a Bachelor of Science degree in mechanical engineering from Washington State University after a 15-year career operating and maintaining naval submarine nuclear power plant systems. He spent six years working on aerospace research and development including a NASA Advanced Innovative Concepts grant and a DARPA novel technologies development grant. Tom has been expertly developing and managing mission critical projects, large and small with diverse teams from multiple disciplines for more than 20 years.



Aimee Chan, AIA, LEED AP BD+C, Design Principal, SmithGroup | Aimee's dual background in sociology and architecture informs her passion for crafting spaces that enhance the human experience. By combining patient-centered care, holistic biophilic design, and sustainable principles, she creates environments that spark emotions, inspire well-being, and prioritize people. Through projects like 48X, Aimee seamlessly integrates sustainable design and community-focused elements, crafting vibrant spaces that benefit individuals and communities while fostering a deeper connection to their surroundings.



Kevin Charap, General Manager, MAD Energy NW | Kevin Charap is the General Manager of MAD Energy NW, a leading solar and electrical design-build firm based in Western Washington. With over 25 years of construction management experience and 15 years specializing in solar PV, Kevin has overseen the successful execution of more than 2,000 solar projects totaling over 20 megawatts. A NABCEP-certified professional in both solar installation and technical sales, Kevin is known for his meticulous attention to detail, commitment to safety and quality, and ability to deliver complex commercial, multi-family, and net-zero energy projects on time and within budget. His leadership has earned multiple industry awards and the trust of clients across schools, tribal buildings, fire stations, and new developments throughout the region.



Justin Chitwood, AIA, Project Manager, Mahlum | In Justin's 10 years of experience, he has led multiple healthcare projects from outset to completion. Through listening, asking questions, and active collaboration, Justin guides team members through complex projects where understanding how existing systems serve the area of work is critical to designing systems that will not force a delay during construction or endanger the operations of the hospitals. Justin actively collaborates with the client, contractor, and design team to provide unique solutions for healthcare facilities.



Andy Drissell, AIA ACHP, Project Architect, Mahlum | Andy approaches architecture with curiosity, seeing each project as an opportunity to enhance community well-being. Since joining Mahlum in 2015, he has led healthcare and K-12 projects, bringing expertise in design, medical planning, and stakeholder coordination. Passionate about research-driven design, he fosters collaboration across Mahlum's studios and engages community members and experts. His work on circadian lighting in healthcare was featured in *Medical Construction & Design* magazine. Andy holds a Master of Architecture from the University of Kansas and is a registered architect in Washington, an ACHA Board-Certified healthcare architect, EDAC-certified, and a LEED-Accredited Professional.



Jackie Lee, AIA, WELL AP, Principal, SmithGroup | Jackie has nearly a decade of experience in healthcare architecture. Her knowledge of prefab construction, building systems and construction types, and design-build delivery have been invaluable in the successful execution of the UC Davis Health 48X Complex, emphasizing an accelerated schedule and speed-to-market delivery. Jackie brings a mix of experience from medical office buildings, senior living, and cancer care centers, offering a unique perspective to each project she leads.



Andy Reed, PE, LEED AP, Technical Director, Mechanical Engineering, WSP | Andrew (Andy) Reed has 38 years of experience integrating HVAC systems for building design across various sectors, including healthcare, higher education, commercial, civic, federal, correctional facilities, and hospitality. He has managed projects from the initial planning stages to the final construction support services. Andy was the Mechanical Engineer of Record (EOR) of the CUP all-electric, LEED Platinum-rated, 580,000 square foot UCI ICMC hospital project in southern California – one of the first of its kind in the United States.

AHC

ARCHITECTURE FOR HEALTH COMMITTEE

A committee of AIA Seattle, serving the Pacific Northwest since 1981



Ray Swartz, PE/MIES/IEEE, Senior Vice President, Regional Business Line Leader, WSP | With 39 years of industry experience, Ray's responsibilities include the leadership of all WSP Property & Buildings staff in the West and design operations and production activities. In addition, Ray acts as the Principal in Charge and the project's Electrical Engineer of Record for all projects within his purview. Ray was the Electrical Engineer of Record (EOR) of the CUP all-electric, LEED Platinum-rated, 580,000 square foot UCI ICMC hospital project in southern California – one of the first of its kind in the United States.