



2016 Medical Design Forum: *Urban Renewal + Integration*

Presented in collaboration with the Architecture for Health Panel (AHP)

Thursday And Friday, February 11 And 12, 2016 | The Mountaineers Seattle Program Center, 7770 Sand Point Way Ne, Seattle | 98115

** all sessions/speakers subject to change*

This year's two-day Medical Design Forum will cover a broad array of topics in healthcare design and explore their impact on communities, especially through the urban lens. Through panel discussions and presentations, leading experts in health, design, community and civic engagement, technology, and construction will examine how these disciplines come together to address the needs and key issues for public health in the greater Seattle area.

THURSDAY, FEBRUARY 11, 2016

8:00 - 8:30 am REGISTRATION + LIGHT BREAKFAST

8:30 – 8:40 PROGRAM: WELCOME + INTRODUCTIONS
Katie Kemezis | Program Manager, AIA Seattle

2016 Medical Design Forum Planning Task Force

- **CHAIR: Lois Broadway**, AIA, NCARB, Principal at TGB Architects
- **Dale Anderson**, AIA, NCARB, LEED AP BD+C, CSBA, EDAC, MBA, GGP, Principal at Salus Architecture and President of the Architecture for Health Panel
- **Heather Burpee**, Research Assistant Professor and Director of UW Discovery Commons, University of Washington, Department of Architecture and the Center for Integrated Design
- **Michael Corbett**, Architectural Product Specialist and Engineer of Capital Equipment at Hill-Rom
- **David Frum**, AIA, ACHA, President at Salus Architecture
- **Charlie Hafenbrack**, LEED AP BD+C, Director of Business Development at GLY
- **Annette Himelick**, Assoc, AIA, EDAC, Healthcare Planner at HDR, Inc.
- **Marguerite Jamieson**, Partner at MAS Architecture
- **Ryan Ramsey**, Medical Planner at Perkins + Will
- **Julie Randolph**, Intern Healthcare Architect at ZGF Architects LLP
- **Kathleen Schaefer**, Project Manager at University of Washington Medical Center
- **Susan Upton**, Senior Plans Reviewer, Construction Review Services at Washington State Department of Health

8:40 – 10:30 URBAN HEALTHCARE: GROWTH AND COMMUNITY ENGAGEMENT
Moderator: David Frum | President, Salus Architecture
Steven Gillespie | Member, Foster Pepper PLLC
Dave Letrondo | Swedish Citizens' Advisory Committee and Architect, Ankrom Moisan
Karen Wolf | Chair of Seattle's Children Hospital Advisory Committee and Senior Policy Analyst, King County Office of Performance, Strategy and Budget

10:30 – 11:00 BREAK

11:00 – 12:00 KEYNOTE PRESENTATION
Dr. Howard Frumkin | Dean, School of Public Health and Professor, Department of Environmental and Occupational Health Sciences, University of Washington

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12:00-1:00 LUNCH

1:15-3:00 **CHAMPIONING PROJECTS WHEN THERE'S NO SPACE TO BUILD**
Moderator: Lois Broadway | Principal, TGB Architects
Hugh Campbell | Healthcare Market Leader, Collins Woerman
Rachel Jenner | Director, Planning & Design, Providence Health & Services
Craig Holt | Project Executive, Andersen Construction

3:00-3:30 BREAK

3:30-5:00 **CENTRALIZING PHARMACY FACILITIES IN THE URBAN LANDSCAPE**
Eric Kastango | Entrepreneur, Sterile Compounding and Quality System Expert Consultant, Clinical IQ
Douglas McNutt | Principal, Salus Architects
Laura Steinmetz-Malato | Pharmacy System Operations Manager, Swedish Medical Center

5:00-5:15 **ADDITIONAL TIME FOR QUESTIONS + CLOSING REMARKS**

FRIDAY, FEBRUARY 12, 2016

8:00 - 8:30 am REGISTRATION + LIGHT BREAKFAST

8:30 – 8:40 am **WELCOME BACK**
Katie Kemezis | Program Manager, AIA Seattle

8:40 – 8:55 **WASHINGTON STATE DEPARTMENT OF HEALTH UPDATE**
John Williams | Program Manager, Construction Review Services, Washington State Department of Health

This session is a brief update from the Washington State Department of Health regarding the Construction Review Services (CRS) program. It discusses current workload, rule development, and process improvements, including CRS's new electronic submittal and review option.

9:00 – 9:45 **PATIENT SAFETY, INFECTION CONTROL, AND CONSTRUCTION HAZARDS – SESSION 1**
Robin Olson-Scribner | Healthcare Epidemiologist, University of Washington Medical Center

9:45 - 10:30 **PATIENT SAFETY, INFECTION CONTROL, AND CONSTRUCTION HAZARDS – SESSION 2**
Larry Lee | Owner/Founder, Pacific Industrial Hygiene, LLC

10:30 – 11:00 BREAK

11:00 – 12:30 **BEHAVIORAL HEALTHCARE FACILITIES**
Dr. Jo Ellen Watson | Program Manager Monroe, UHS/Fairfax Behavioral Health

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Herbert Baker | Project Manager, SABArchitects

Chris O'Higgins | Director of Facilities, Security, IT/IS, Construction, UHS/Fairfax Behavioral Health

12:30-2:00 **LUNCH**

2:00-4:00 **ON THE BOARDS: SWEDISH RENEWAL PROJECT**

Rachel Jenner | Director, Planning & Design, Providence Health & Services

Ryan Ramsey | Medical Planner, Perkins + Will

Marjorie Brown | Project Director, Perkins + Will

Marie Henson | Senior Medical Planner, Perkins + Will

4:00-4:15 pm **ADDITIONAL Q+A TIME + CLOSING**

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KEYNOTE SPEAKERS:



Dr. Howard Frumkin | Dean, School of Public Health and Professor, University of Washington Department of Environmental & Occupational Health Sciences

Howard Frumkin is Dean, and Professor of Environmental and Occupational Health Sciences, at the University of Washington School Of Public Health. He is an internist, environmental and occupational medicine specialist, and epidemiologist who works at the interface of health, sustainability, climate science, energy policy, and the built environment. He previously served at the U.S. CDC as director of the National Center for Environmental Health and Agency for Toxic Substances and Disease Registry, where he established programs in Climate Change and in Healthy Community Design. Dr. Frumkin currently serves on the Boards of the Bullitt Foundation, the Children and Nature Network, and the Washington Global Health Alliance, on the American Institute of Architects Design and Health Leadership Group, and on advisory panels for the Yale Climate and Energy Institute and the National Sustainable Communities Coalition. He is the author or co-author of over 200 scientific journal articles and chapters, and has published various books on environmental health and sustainability.

FORUM SPEAKERS:



Dave Letrondo, AIA LEED AP | Swedish Hospital Citizens Advisory Committee (CAC) member and Architect, Ankrom Moisan Architects

With more than 35 years of experience, Dave has worked extensively as an architect on education, healthcare, lab, retail, mixed-use, high rise, mega block, corporate, and multi-family projects. His local healthcare clients include Swedish, Providence, UW Medical Center, and Healthcare Realty; he has also worked with Urban Visions, Nordstrom, Microsoft, the Space Needle, Vulcan, Amazon, and many others. In all, Dave has worked on more than 15 million square feet of projects.

At the Swedish Cherry Hill campus where he served on the Citizen's Advisory Committee, he was also the architect on numerous facilities, including Cath Labs, Cardio Vascular ORs, Neuro ORs, ICUs, Nursing Units, Executive Assessment Suites, Main Entry Renovation, and Conference Center.



Karen Wolf, AICP | Chair and Senior Policy Analyst, City of Seattle Children's Hospital Advisory Committee and King County, Washington's Office of Performance, Strategy and Budget

Karen Wolf, AICP, is a Sr. Policy Analyst in the King County Office of Performance, Strategy, and Budget. Ms. Wolf is an elected member of the American Institute of Certified Planners Commission, the National Governing Board for the Association. She has more than 25 years of experience working on regional land use issues in King County. Previously, Ms. Wolf served as the co-project manager on the King County HealthScape Initiative – a ground-breaking study integrating public health, climate change, and environmental considerations into land use programs and policies. As an active member of her community, Ms. Wolf is the chair of the Standing Advisory Committee for overseeing the implementation of the Seattle Children's Hospital Major Institution Master Plan. Previously, she served as the Chair of the Citizens Advisory Committee facilitating community involvement in the development of the Master Plan, which outlines the long-range needs of the Hospital.

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Steven Gillespie | Member, Foster Pepper PLLC

Steve helps private and public clients obtain and defend land use entitlements. He advises Seattle's Major Institutions (hospitals, universities and colleges) obtain master plan approvals as well as project-level permits. Steve also litigates land use, environmental, real estate and general matters in tribunals ranging from local hearing examiners to state administrative bodies to courts.



Hugh Campbell AIA | Healthcare Market Leader, Collins Woerman

Hugh Campbell is one of the leading healthcare planners in the country. With deep expertise in hospitals, specialty centers, research laboratories and outpatient facilities, Hugh has facilitated and led some of the country's most complex and innovative healthcare projects – Ann & Robert H. Lurie Children's Hospital of Chicago, Children's Hospital Colorado, Providence St. Vincent Medical Center Portland, Oregon, and Children's Hospital Los Angeles. His 35 years of experience is focused on understanding the needs of healthcare providers and the people they treat to support the efficient delivery of care and ease the stress of patients and their families. He finds great satisfaction in interacting with users, identifying their goals and guiding principles and translating those ideals into efficient plans and supportive, healing environments. With his extensive background in lean design and understanding of the Six Sigma approach to efficiency, Hugh brings a systematic and creative perspective to each project. Hugh has been a featured speaker at the Healthcare Design Conference, American Society for Healthcare Engineering, International Quality and Productivity Center, and American Institute for Architects.



Rachel Jenner | Director, Planning & Design, Providence Health & Services

Rachel Jenner is the Planning & Design Director for Providence Health & Services, currently focused on one of the largest healthcare projects in the country for Swedish Medical Center's First Hill campus. Prior to joining Providence, Rachel worked as a project manager and medical planner with NBBJ, Mahlum, KMD and AHL. She holds a degree in architecture from the University of Hawaii and has spent almost 20 years developing healthcare projects from pre-design through construction. Rachel has a passion for guiding complex groups through the planning and design process, facilitating consensus and developing clear action plans. She comfortably acts as a liaison between architects, engineers, clinicians, executives, jurisdictions and the communities they serve. Outside the office, Rachel is a volunteer with the National Charity League and formerly served as Associate Director for the AIA Pacific Northwest.



Craig Holt | Project Executive, Andersen Construction

Craig Holt is a Project Executive specializing in healthcare projects at Andersen Construction with a career in construction that has spanned the past three decades. The last 14 years of his experience have been spent almost exclusively on healthcare projects, in roles ranging from Superintendent to Project Manager to Project Executive. These varied perspectives have helped shaped his comprehensive project approach, with a focus on effective planning, communication and safety. In addition to facilitating project teams, Craig helps Andersen implement new innovative construction methods. Craig studied Building Construction Technology at Brigham Young University and is currently ASHE Certified and LEED Accredited. He leads Andersen's in-house Lean team, helping jobsites understand and embrace Lean concepts.

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Eric Kastango | Entrepreneur, Sterile Compounding and Quality System Expert Consultant, Clinical IQ

Eric has dedicated his life's work to patient safety through better pharmacy sterile compounding, lean production and quality management practices. Since 1980, Eric has practiced pharmacy in hospital, community, and homecare settings in a variety of roles. He was previously Corporate Vice President of Pharmacy Services for Coram Healthcare and also managed a cGMP outsource manufacturing operation for Baxter Healthcare. He served as an elected member of the USP Experts Committee for Sterile Compounding for the 2005-2010 cycle.

Eric was re-elected to serve on the Compounding Expert Committee (CEC) for the 2010-2015 cycle. He voluntarily resigned his position on the CEC in April 2013. Eric is a Fellow, American Society of Health-System Pharmacists (ASHP), and a highly regarded international expert who frequently consults with industry and clinicians. His many articles on sterile compounding and quality processes have been published in numerous peer-reviewed journals. He has authored textbook chapters on sterile compounding and pharmacy practice, and is a sought-after speaker and trainer. His passion for education is reflected through the popular on-line pharmacy training that he offers through his company, CriticalPoint, and through the Sterile Compounding BOOT CAMP being run at the CriticalPoint Center for Training and Research in Totowa, NJ. A life-long learner, Eric continues to expand his expertise, having completed 65 hours of training in nuclear pharmacy at Purdue University and 80 hours of didactic training for his Six Sigma-Green Belt certification that he started with BD Medical Systems. Eric is the Founder and President of Clinical IQ, LLC, a consulting firm based in Florham Park, New Jersey and CriticalPoint, LLC, healthcare education company based in Gaithersburg, MD and Totowa, NJ.



Douglas McNutt | Principal, Salus Architects

Douglas McNutt's 30 years of architectural experience include leadership roles in project scope development, medical planning, design, scheduling, cost control, client communications, consultant coordination, technical development, contract administration and construction observation. He is highly experienced in educational, research/technology, healthcare, long-term care, commercial, and housing projects.



Laura Steinmetz-Malato | Pharmacy System Operations Manager, Swedish Medical Center

Laura Steinmetz-Malato, PharmD, is a Pharmacy System Operations Manager for the Swedish Health System in Seattle, WA. All aspects of the inpatient pharmacy operation at Swedish First Hill as well as System responsibilities for Compounded Sterile Products, Medication Safety, and Pharmacy Department Policies are her area of responsibility. She earned her Doctorate in Clinical Pharmacy from the University of California, San Francisco. She has also earned certifications in Executive Leadership from Boston University & University of Pennsylvania, Wharton School of Business. As a Lean Six Sigma Kaizen Leader and Pharmacy Management Consultant, Laura has led multiple redesigns efforts in hospitals across the nation that incorporates a culture of safety, worker satisfaction and cost effectiveness. Laura is a licensed Pharmacist in Washington, California, Nevada & Colorado. Laura has held multiple Director of Pharmacy positions from small rural hospitals to large multi-hospital systems throughout the country.



John Williams | Manager at Construction Review Services, Washington State Department of Health

John Williams is the manager the Washington Department of Health's construction review program. John has 20 years of experience with healthcare design and regulation. He is the chair of the International Code Council's Ad-Hoc Committee for Healthcare. He also serves on technical committees for FGI Healthcare Guidelines Revision Committee, NFPA 99, and the Washington State Building Code Council.

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Robin Olson-Scribner | Healthcare Epidemiologist, University of Washington Medical Center

BS, RN, MPH, CIC is a Healthcare Epidemiologist and Infection Control Nurse at the University of Washington Medical Center, where she is the primary contact for infection control in design and construction and building disruption for the medical center and their affiliated clinics. Robin has been a part of the design build team for multiple on and off campus site buildings and structures. She is a graduate of Seattle Pacific University and received her Masters in Public Health from the University of Washington, has been practicing Healthcare Epidemiology and Infection Control since 1986. Robin has been certified in Infection Control since 1990, and is a past president of the Puget Sound Chapter of APIC, holds a faculty position at the UW School of Nursing, and has been a speaker at national conferences on the topic of infection control. She lives in Edmonds, Washington with her husband Jim. They have 3 grown children and 2 grandchildren.

Larry Lee, CIH | Owner/Founder, Pacific Industrial Hygiene, LLC

Larry Lee, CIH is the founder and owner of Pacific Industrial Hygiene LLC. As a newly certified industrial hygienist in 1996, Mr. Lee responded to a 48" sewer line back up in a hospital that flooded Nuclear Medicine and Radiology, Central Sterilization, and the main air handler for the building. This challenge inspired Mr. Lee to develop specific expertise in aspergillosis, and healthcare construction and infection prevention. Mr. Lee has presented on these topics at conference for several years, and for the American Industrial Hygiene Association, the American Conference of Governmental Industrial Hygienists (ACGIH), the Association of Professionals in Infection Control and Epidemiology (APIC), the Northwest Occupational Health Conference of the Puget Sound Section of the AIHA, and was a recipient of the Rochelle Cruz Award at AIHCE 2006 for his presentation on Achieving Contractor Compliance with ICRA Requirements. He authored a chapter on Healthcare Construction for Infection Prevention in Hospital Safety (2nd ed.) and more recently co-authored an educational offering for Ambulatory Clinics titled Construction: Repair and Renovation for APIC (in review). Healthcare construction and infection prevention is a passion that Mr. Lee is always willing to share.

Dr. Jo Ellen Watson | Program Manager Monroe, UHS/Fairfax Behavioral Health



Jo-Ellen Watson, current manager of Fairfax Behavioral Health Unit in Monroe, has worked in health care and behavioral health since the mid 1980's in a variety of positions. Dr. Watson has a long history of working in crisis services in direct service and as a manager in several settings such as at Harborview Medical Center, King County as a Designated Mental Health Professional and as Manager of the Emergency Department Social Workers for Swedish campuses. She was coordinator of King County Crisis and Commitment services directing civil commitment processes for King County. She is a former professor of Sociology and Social Work at Seattle Pacific University. Dr. Watson holds a Ph.D. and MSW from the University of Washington.

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Herbert Baker | Project Manager, SABArchitects



Herbert Baker, ASHE, is a Project Manager with SABArchitecture in Seattle where he has worked for the past 9 years. He has degrees in Biology and Architecture from Tulane University and an MBA from Loyola University in New Orleans. Herbert has more than 25 years of design and project management experience. The last fifteen of those years, he has focused on healthcare and laboratory related projects. Herbert has worked on all phases of a project from feasibility study through construction administration. Project examples range from the partial reconfiguration of an existing clinical suite to a ground up imaging center; from the relocation of a compounding pharmacy to converting a warehouse into a bovine DNA sequencing laboratory. Herbert has worked with some of the Puget Sound's leading Health care providers including Fairfax Behavioral Health, Seattle Children's Hospital, UW Neighborhood Clinics and Harborview Medical Center.



Chris O'Higgins | Director of Facilities, Security, IT/IS, Construction, UHS/Fairfax Behavioral Health

Chris O'Higgins coordinates and controls the activities of the Engineering department, Environmental Services, Linen, Safety and Security, Emergency Management and Construction departments. He is accountable for formulating both Capital and Operational budgets for cost centers, and maintaining efficient, effective and cost saving department operations while keeping in compliance with all Joint Commission, state, federal and regulatory laws, standards and protocols.



Ryan Ramsey, LEED AP BD+C | Medical Planner, Perkins + Will

Ryan Ramsey is a medical planner with an expertise in designing, planning, and programming healthcare facilities. Ryan began his commitment to the specialty of healthcare design with his Master's degree in Architecture + Health, one of only two such programs in the country. As a medical planner, Ryan integrates functionality, operational efficiencies, and the client's strategic goals with his proficient knowledge of Project Delivery, BIM, and Medical Planning. Having worked extensively on the firm's most intricate international and domestic projects, Ryan brings an extraordinary level of planning competence and design perspective to any project team.



Marjorie Brown | Project Director, Perkins + Will

Marjorie is Project Director with Perkins + Will for Seattle's Swedish Hospital's expansion. Licensed in 10 states, she focuses her practice on Healthcare, Corporate and Higher Education. She works closely with CEOs & Executive teams to develop 20 year campus master plans and corporate wide facility strategies that promote brand, vision, growth and sustainability. Marjorie has managed award winning projects for clients such as UO, UW, WSU, ISU, Kaiser Permanente, Kohler, Maytag, HyVee, Pioneer, VA, MultiCare and Providence. She has been encouraging girls into STEM careers, mentoring young architectural grads, empowering women into leadership and promoting equity initiatives throughout her career. She has over 25 years of County, City, AIA and Not-for-Profit Board of Director commitments, serving in various capacities and chair for large scale events such as Two Rivers Art Festival and 2015 National AIA Women's Leadership Summit.

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Marie Henson | Senior Medical Planner, Perkins + Will

Marie Henson is a Senior Medical Planner and Designer at Perkins+Will. She has over 14 years of dedicated healthcare experience and a specialized degree in Architecture and Health from Clemson University. Marie acts as the liaison between planning, design, and interior design to ensure a holistic, integrated, coordinated solution is provided. She is passionate about planning and designing spaces that support and enhance staff, physicians, and patient experiences and ensures provided designs are optimum for flow and future flexibility. She believes when planning and interior design are fully integrated it results in a holistic and unified approach to wayfinding, flow, and functionality. Marie was a planner and designer on UCSF Medical Center in Mission Bay, Palomar Palmarado Health, Sutter Sacramento and numerous outpatient clinics throughout the greater Seattle area. She is now excited and energized by her involvement on Swedish Medical Center's First Hill project.

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