



55th Annual Health Facilities Planning Seminar

LARA and AIA Michigan

Thursday, March 16 – Friday, March 17, 2023

Amway Grand Plaza, Grand Rapids, MI

PURPOSE

The Health Facilities Planning Seminar is held each year to provide architects, engineers, healthcare executives and other interested professionals with the latest available information which will assist them in planning, designing, constructing and maintaining health facilities.

WHO SHOULD ATTEND

The seminar is ideal for all who are concerned with the implications of evolving healthcare technology upon facilities as they plan, design, construct, administer or maintain.

REGISTRATION

The registration fee is \$375 for early registration. THE FEE IS \$450 IF PAYMENT IS RECEIVED AFTER February 21, 2023. No registration fee refunds after that date. A \$25.00 handling fee will be applied for all refunds.

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55th

Health Facilities Planning Seminar

Amway Grand Plaza • March 16-17, 2023

Thursday, March 16, 2023

MORNING SESSION

Moderator: Dave Imesch, Seminar Committee Member

8:15 Welcome – Paul Haselhuhn, AIA & Laura Remus REHS

8:30 IPD Success for The McLaren Greater Lansing Replacement Hospital Team

Austin Holcomb, Pete Kramer, Colin Martin, Keith Berry, LEED AP, Eric Wingelaar, AIA, Kevin Dettling & AO Wood

- Building the team – more than just design and construction
- Structuring the design and construction team
- The use of LEAN principals to foster the tenants of an IPD “light” program
- Design team processes for IPD “light”
- Design assist trade partners contribution to IPD “light”

9:30 Construction in Healthcare

Tim Poszywak and Daniel Gadbois

- Design and project phasing.
- Infection Prevention throughout the project.
- Fire Safety and Interim Life Safety Measures.

10:30 Break

10:45 Emergency Department Design – Lessons Learned from the COVID-19 Pandemic

Benjamin Bassin, MD & Cemal Sozener, MD

- Understand the impact of the pandemic on innovation from the perspective of two practicing ED physicians.
- Learn what rapid design changes were implemented in response to the COVID-19 pandemic out of necessity.
- Gain an understanding of what longer-term design changes are being proposed to ensure patient safety, improve throughput, and increase flexibility for managing mass casualty incidents, future pandemics and other surge events.
- Learn what ED design trends may persist to allow providers better care for patients in post-pandemic emergency medicine.

11:45 Lunch

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AFTERNOON SESSION

Moderator: Ed Pocock, AIA, ACHA, Seminar Committee Member

12:45 E+R=O The Events in Your Life Do Not Dictate the Outcome, Your Chosen Response Does!

Coach Jim Stroker

- Gain clarity of what is in your control and what is not
- Gain an awareness of the power of all leaders gaining clarity of who they are, what they stand for and their first principles
- Develop the big 5: Calm, focus, optimism, confidence and gratitude
- Identify and install an MVP Model of team culture for your teams

1:45 The Latest Codes and Trends in Medical Gas Systems

Kyle McGee

- Basics of Medical Gas Systems & recent changes to NFPA 99 Chapter 5
- Common design/installation issues for zone valve and alarm panels.
- System testing and maintenance, including booms
- On-site Oxygen Generation Systems

2:45 Break

3:00 Urgent or Emergent: The move to freestanding services

Preeta Bajaj, Assoc. AIA, George Paeth, CCCA & Camilla Moretti, AIA, LEED AP BD+C

- Learn about the rise of FSED's & their role in access, quality, & cost of emergency care
- Understand the types of FSED's and their specific requirements, regulations, and limitations
- Explore the nuances of urgent care and emergency care requirements
- Share case studies of freestanding emergency departments/urgent care centers

4:00 "Building a Platform" - Molecular Imaging, Therapy and Radiopharmacy

Anthony Chang, PhD, Laurie Placinski, NCIDQ, EDAC, LEED AP & Ken Pitchford, LEED AP

- Learn how Intelligence Based Precision Medicine enhanced the medical field
- Learn how the built environment needs to conform to support this field
- Explore different risk mitigation tactics that should be taken into account when designing MEP systems
- Learn lesson from post occupancy that is now impacting how BAMF designs, builds and deploys this platform

5:00 Social Hour

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Moderator: Teresa Miller, AIA, LEED AP., Seminar Committee Member

7:30 Breakfast

8:30 How To Develop an Energy Management Master Plan for Your Hospital or Healthcare System

Dan Doyle

- Reducing energy consumption and greenhouse gas emissions from healthcare buildings is increasingly urgent to support human health and the environment
- Learn the 14 steps of a comprehensive energy management plan for healthcare facilities.
- Discuss RCx, MBCx and retrofit options for hospitals.
- Development of master design standards for energy/water efficiency
- Discuss process for incorporating MEP infrastructure upgrades/planning into your energy management master plan

9:30 ICRA 2.0 and Beyond, Safety Risk Assessments, and other Design Considerations

Pier George Zanoni, PE, CIH

- Review key elements of new Infection Control Risk Assessment- ICRA 2.0 tool
- Highlight new features such as the New Table 5: Surrounding Area Assessment
- Value of ICRA in guiding facility design features from HVAC to location of sinks
- Perspective of The Joint Commission regarding ICRA
- What are the FGI Guidelines requirements for Risk Assessments Safety Risk Assessment, Infection Control Risk Assessment, and Infection Control Risk Mitigation

10:30 Break

10:45 Promoting a Fully Engaged Team with Target Value Design

Alan Kranzo, Rodney VanderZand, Brian Crissman, Mike Tarwater & Mike Palmer

- Proactively managing the design to eliminate the need for re-design work
- Understanding the Target Value Design theory and how it positively impacts the Owner
- Developing a fully integrated team approach with complete buy-in
- Managing the design on a weekly basis to provide proactive management rather than reactive value engineering

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Moderator: Pier-George Zanoni, PE, LARA, Seminar Committee Member

11:45 Bureau of Fire Services (BFS) Code Updates

Joe Forro, Rick Day and Pat Riney

- Bureau of Fire Safety organizational & staffing changes
- Navigating BFS website and Accela plan review process
- Highlight current items in Health Care Fire Safety Rules
- Discussion of future rule adoption
- FAQs: BFS project phasing, door locking submittals and more

12:15 Working Lunch/Break

12:30 BCC & BCHS Updates and Code Changes

Pier-George Zanoni, PE, CIHBCC

- Bureau overview and recent changes
- Building Code cycle updates
- Plan review FAQs

BCHS: Heather Hosey

- Update on state and federal regulatory changes related to facilities, agencies, and programs that require state licensure or federal certification.
- Review recent regulatory changes such as reorganization of federal certification activities, new federal rural emergency hospital regulations, FGI standards for state projects, etc.

Speaker

Biographies



Austin Holcomb is the Director of Corporate Construction Management for McLaren Health Care Corporation. In that role, he leads design and construction project delivery for the 14 hospital system. Austin has over two decades of experience in project management across multiple market segments, including over a decade of healthcare project management and healthcare facility management. Most recently he was the Program Manager leading the design, construction and activation teams for the new McLaren Greater Lansing Healthcare Campus. Austin graduated from Rose-Hulman Institute of Technology with a civil engineering degree and is a registered professional engineer.



Pete Kramer is the owner of Kramer Management Group, a Lansing based Program Management and Owner's Representative company. He has over 25 years of experience leading owners through their delivery of projects in the markets of Healthcare, Higher Education, Power/Infrastructure, Gaming and Hospitality, Governmental and Corporate Offices, Retail, and Private Development. Most recently, his company has managed over \$1.5 Billion in healthcare construction projects across the state of Michigan implementing multiple delivery methods and industry best practices. He graduated from the US Military Academy at West Point, with a degree in Mechanical Engineering.



Colin Martin is a Project Executive with Barton Malow in Southfield, Michigan. Through his work in the industry for over the past 25 years he has gained experience and knowledge in a wide range of project types focusing on Healthcare, Mission Critical, Bioscience, and Telco, in all project phases. Colin is an experienced design builder utilizing all aspects of LEAN Principles and has implemented prefabrication initiatives on his projects since 2012. Colin is the Preconstruction and Operations lead, as well as the Prefabrication Champion for the McLaren Greater Lansing Replacement Hospital.

Speaker Biographies



American Hospital Association (AHA).

Keith Berry, LEED AP, As senior project manager, Keith brings extensive project experience and vast knowledge of healthcare facilities. Over the course of his 25-year career with Christman, Keith has overseen more than \$600 million in healthcare construction on projects including replacement hospitals, medical office complexes and various department renovations. Keith has a B.S. in Civil Engineering from Michigan Technological University, is a LEED accredited professional and has received his Certified Healthcare Constructor Certification from the



Eric Wingelaar, AIA is an Architect and Project Manager with HED (Harley Ellis Devereaux) in Michigan. While he has a wide variety of project experience, his primary focus is healthcare. Eric holds a Bachelor of Science in Architecture and a Master of Architecture Degree from Lawrence Technological University. He is a licensed Architect in Michigan (AIA) and Ontario, Canada (OAA) and is also a LEED Accredited Professional.



Greater Lansing.

Kevin Dettling is the Vice President of Construction Sales at Limbach Company. He is responsible for Limbach's Sales & Pre-Construction teams collaborating with Owners, construction managers and engineers to deliver best value to the projects they support. Prior to managing Limbach's sales team, he had 20+ years experience as a Senior Project & Pre-Con Manager for healthcare and other complex projects, mostly in the Design-Assist or Design-Build delivery method. This experience proved beneficial when joining a large design-build team as on McLaren

Speaker

Biographies



AO Wood is a partner and officer with Shaw Electric Co., an ENR 600 subcontractor. Upon graduation from the University of Michigan, A.O. began his career with Shaw Electric as a Project Engineer. He subsequently obtained his electrical Journeyman and Master Electrician licenses. As a Project Manager for Shaw, A.O. managed many of the water, wastewater, and health care projects in which Shaw Electric specializes. These include water treatment projects in Detroit and Ann Arbor, the Emergency Department Expansion at Beaumont Hospital, and Beaumont's Farmington Hills Master Facility Plan. As a stakeholder in Shaw's Strategic Planning initiative A.O. planned and oversaw the implementation of a new project management software system and expanded the Shaw Service & Maintenance division. Most recently A.O. led Shaw's efforts on the McLaren Greater Lansing Replacement Hospital and received a MS in Executive Management for Design & Construction from Northwestern University.



Tim Poszywak Construction Compliance Manager, Beaumont Health. Timothy became the manager of the Construction Fire and Life Safety program in 2012 at Beaumont Health. Timothy is certified in numerous NFPA Standards supporting Fire and Life Safety. Timothy also supports Fire and Life Safety for CMS, Joint Commission, State and Local AHJ surveys and inspections. Timothy originally began his career in the Electrical trades and is a licensed Master Electrician and Electrical Contractor. Timothy has been in the construction industry for thirty-three years with the last twenty-five dedicated to healthcare.



Daniel Gadbois has over 26 years of experience in the construction industry. Throughout his career, he has consistently displayed the highest level of standards to ensure a safe job-site every time. He is responsible for environmental, health and safety awareness and training of all field employees. Dan maintains current knowledge of all federal (OSHA), state (MIOSHA), local and Brinker safety work rules and guidelines effectively develop and update on-site safety plans and procedures for best practices. As Safety Director, Dan will oversee the project to ensure compliance with all on-site safety standards. He will develop the site-specific safety plan including orientation of all workers. He will conduct communication meetings with the entire project team, make scheduled and unannounced site safety inspections, and issue non-compliance reports to trade subcontractors as needed in accordance with safety regulations.

Speaker

Biographies



Dr. Benjamin Bassin, MD is an Assistant Professor of Emergency Medicine at the University of Michigan Medical School. He received his B.S. and M.D. degrees from the University of Michigan and completed residency training in Emergency Medicine at the University of Cincinnati, where he served as chief resident. He has served in a number of process improvement, healthcare facility design and administrative leadership roles at the department and institutional levels. He is the Associate Service Chief for the Department of Emergency Medicine and the Director of Critical Care Operations for the Emergency Critical Care Center (EC3), the first and largest ED-ICU in the U.S. In these roles, he possesses extensive experience in both large traditional emergency department operations and the optimization of early, timely critical care delivery in challenging environments. He is one of a handful of practicing physicians in the U.S. with the Evidenced Based Design and Accreditation and Certification (EDAC) from the national Center for Healthcare Design and lectures around the world on lean facility design and clinician engagement in intelligent design.



Dr. Cemal Sozener, MD is Associate Professor of Emergency Medicine at the University of Michigan Medical School. Following obtaining fellowship training, he practices clinically in the Emergency Department and Critical Care Center and is an active member of the institutional stroke team. He serves as the co-director of the Comprehensive Stroke Program. Dr. Sozener has extensive background and interest in department and hospital operations as well as lean-inspired design and the intersection of healthcare engineering, operations, technology and patient safety. He is involved in a number of institutional projects in this regard, and is an active educator in the lean educational series. He received his B.S, M.Eng and M.D. degrees all from the University of Michigan. He completed his residency training in Emergency Medicine at the University of Michigan, where he also served as chief resident.

Speaker Biographies



Jim Stroker is a Coach with Native Nation Events and has over 30 years of experience within the New Jersey Public School System as a sports coach and a wellness educator. Jim's wellness program has been cited as one of the nation's best, and he was named Teacher of the Year at Benjamin Franklin Middle School in 2011 and was inducted into the New Jersey Coaches Hall of Fame. Jim has impacted hundreds if not thousands of students' lives with his innovative teaching strategies including integrating yoga and meditation into his classroom to help his students develop more mindful responses to the challenges of life. He is also credited with implementing several recognized and award-winning programs for students to combat drugs and obesity, as well as clubs to help kids learn the importance of physical fitness. He is an accomplished three-sport athlete, achieving Varsity honors in baseball, basketball and football, and he received a Bachelor of Science degree in Health and Physical Education from Jacksonville University in Jacksonville, FL, followed by a Master's degree in Athletic Administration from Springfield University.



Kyle McGee is the President and founder of Compliance Solutions, a business that provides testing and consulting programs that focus on healthcare medical gas and ventilation compliance in medical facilities. Kyle's background as a medical gas verifier led him to the idea for Compliance Solutions, and the building of a successful product for the healthcare facilities and their compliance needs.



Preeta Bajaj, Assoc. AIA, is a Senior Medical Planner at HKS who has contributed to new construction and renovation healthcare projects around the world. She enjoys collaborating with stakeholders to formulate design concepts that synthesize ideas from a variety of perspective. A Lean Six Sigma Yellow Belt and EDAC certified professional, she is dedicated to using evidence-based design practices and lean methods to achieve desired patient, staff and operational outcomes. With a background in both architecture and interior design, Preeta firmly believes that thoughtful and compassionate architecture can shape the human experience.

Speaker

Biographies



George Paeth, CCCA is a Senior Construction Contract Administrator at HKS and believes for construction administration to be successful, it requires close collaboration and cooperation between the client, design team and contractor. An adept team leader, skilled in the technical requirements of construction, George brings over 30 years of experience in the field of architecture. This experience extends to the bidding and construction administration phase where his leadership in working with owners and contractors has proven invaluable. His extensive experience in construction management, cost control, value engineering and thorough understanding of construction techniques and construction codes enables him to reach project design objectives through administering the construction contract.



Camilla Moretti, AIA, LEED AP BD+C A native of Brazil, Camilla Moretti's resume includes planning, design and research for large-scale healthcare facilities around the world. A Lean Six Sigma Green Belt, she studies and facilitates workshops on operational, logistical, and functional issues to enable the team and user groups to make design decisions that promote operational best practices and evidence-based design strategies. In addition to her project work, Camilla is heavily involved in applied research projects and how they can lead to innovative design. Her work represents over 10 million square feet and more than 2 billion dollars in domestic and international projects. As the HKS Detroit office Health Studio leader, she has designed projects for renowned healthcare systems such as the Mayo Clinic, ProMedica Health system, Parkview Healthcare, Corewell Health, and Piedmont Healthcare.

Speaker

Biographies



Dr. Anthony Chang, PhD founded BAMF in 2016 to revolutionize the treatment of cancer. With a strong research and clinical background in molecular imaging and nuclear medicine, he was uniquely equipped to understand both the promise of theranostics and the myriad hurdles that stood in the way of U.S. adoption. Since founding BAMF, Anthony has led the BAMF team to overcome these hurdles and realize theranostics' potential. Anthony and BAMF have raised \$43 MM and secured a \$19.5 MM donation from Michigan State University, grown the team to 80+ employees, designed and built the world's most advanced radiopharmacy with accompanying clinic, successfully lobbied for regulatory reform in Michigan, and as of July 2022, opened their Grand Rapids clinic for patients. Anthony earned his PhD in Medical Physics from the University of Texas Health Science Center at San Antonio specializing in diagnostic imaging physics, and received postgraduate training at Yale University's NMR Center and Vanderbilt's Institute of Imaging Science. He holds a BS in Medical Imaging and Radiological Sciences from Chang Gung University, Taiwan. Anthony has more than 20 years of experience collectively in the these specialized fields.



Laurie Placinski, NCIDQ, EDAC, LEED AP joined BAMF in 2020 where she is able to apply her prior healthcare experience with design, including working in oncology at Corewell Health, leading a practice and healthcare market for a national architectural and engineering firm, and working with Herman Miller Healthcare to support design of healing environments. Through this extensive healthcare design experience, she has overseen the design planning and construction of the 60,000 square foot BAMF Health flagship location in Grand Rapids, MI. With her leadership, the proprietary BAMF Playbook containing >5 years of experience has been strategically developed to ensure the feasibility of expansion following a consistent care delivery model, branded experience and overall quality of care. She earned her BA in interior design from Kendall College of Art and Design of Ferris State University.

Speaker

Biographies



Ken Pitchford, LEED AP joined BAMF Health in 2021 to bring in-house construction expertise to the growing BAMF team. Ken brings over 30 years of diverse commercial construction experience to the organization including higher education, K-12, commercial, retail, light industrial, and healthcare. Upon joining the BAMF Team, Ken's experience was invaluable as he led the construction of BAMF's Molecular Imaging & Therapy Clinics, and Global Headquarters in downtown Grand Rapids, MI. Ken will continue to bring his construction acumen to lead construction of BAMF's future Radiopharmacy and clinics around the nation. He earned his BS in Construction Management from Michigan State University.



Dan Doyle is the Illinois Chairman of Grumman|Butkus Associates, a firm of energy efficiency consultants and sustainable design engineers. Dan's career has focused on energy conservation and efficiency improvements in new and existing buildings, especially energy-intensive and mission critical facilities, such as laboratories, hospitals, data centers, and specialized manufacturing facilities. Dan has received multiple awards from organizations such as the ASHRAE and the U.S. Department of Energy for energy conservation retrofits in existing buildings and green building design. He is active in multiple professional associations and recently retired from a lengthy term as Treasurer on the Board of Directors for the International Institute for Sustainable Laboratories (I2SL). He remains active in the international organization and the Great Lakes Chapter. Dan was named a Fellow of ASHRAE in 2020.



Pier-George Zaroni, PE, CIH has been a plan reviewer/ surveyor for the Health Facilities Engineering Section for the past 19 years. He is a registered engineer and Certified Industrial Hygienist. Pier-George received his Bachelor of Science in Engineering from Michigan State University in 1978. Pier-George Zaroni also worked for the Michigan Health and Hospital Association for over twenty years, with ten of those years managing their Occupational Health & Environmental Safety department. In this capacity, Pier-George provided training & consultation on numerous health, safety, and environmental issues as well as health care codes & standards compliance.

Speaker

Biographies



Alan Kranzo leads Real Estate Strategy for Corewell Health System which includes over 23 million square feet in more than 500 different facilities across the state of Michigan. With over 35 years of healthcare experience, Alan collaborates with executive leadership, physician and clinical leaders, and other operational stakeholders to contribute in lowering costs and improving access to care for our patients. Alan is currently leading our new healthcare system through a comprehensive Enterprise Strategic Facility Plan that will provide a long term roadmap aligned with our strategic goals and financial plans. The overarching goal is to provide the healthcare system the optimal real estate portfolio it needs to allow for the best care in a more efficient environment, increasing value, decreasing cost, improving outcomes. Alan has extensive experience in engaging others in a positive working environment as a leader in real estate planning and development, and financial stewardship.



Rodney Vanderzand, RA, LEED AP is an architect and Corewell Health's Manager of Planning and Design for the system. He is responsible for developing and overseeing the corporate standards for the built environment. The creation of clear guidelines for physical spaces will provide a consistent brand experience across the newly formed enterprise. This recognizable brand will provide healthy uplifting environments whether public-facing, clinical or administrative and the quality of space will be consistent with the high quality of care already provided. Rodney's most recent work includes leading the implementation of Corewell Health West's Enterprise Strategic Facility Plan (ESFP) including being the lead planner on the new Grand Rapids Outpatient Center and the Orthopedic Health and Performance Center. Prior to joining Corewell Health, Rodney was a project architect with AECOM/URS and worked on many notable projects including the Michigan Street Development, the MSU College of Human Medicine - Secchia Center, Mary Free Bed Rehabilitation Hospital as well as numerous other healthcare and higher education facilities. His past work has received an AIA design award as well as a U.S. Patent for innovative design solution.

Speaker

Biographies



Brian Crissman Brian Crissman is the The Christman Company's Vice President of National Healthcare Services. Brian's leadership and innovative approach to providing construction solutions, such as workforce development programs and deploying unique project delivery methods, led to his recent promotion to Vice President of National Healthcare Construction. In his 28 years at Christman, Brian has guided the completion of some of West Michigan's largest projects for various hospital systems. This work includes work at Mercy Health and on the Medical Mile for Spectrum Health (now Corewell Health). Projects include cancer centers, replacement hospitals, diagnostic and surgery centers and patient towers, among other facilities.



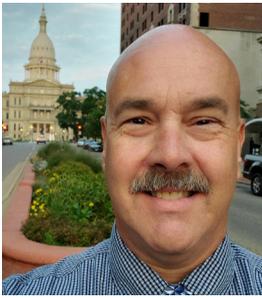
Mike Tarwater is a Senior Project Manager at The Christman Company, where he has been an instrumental leader since 2017. Mike's experience includes executing large-scale, complex facilities that require high attention to detail and proactive management. With over \$350,000,000 of experience in healthcare services, his extensive construction knowledge provides a unique perspective that continuously keeps the end user in mind. His passion lies with providing excellent facilities that ultimately provide life changing care. Mike is currently partnering with Corewell Health (formerly Spectrum Health) as he manages numerous projects throughout West Michigan.



Michael Palmer is an architect and principal with Perkins&Will in Chicago. He is widely recognized for his expertise in managing the design of large, complex projects, including healthcare, educational, and office/ mixed-use facilities ranging in construction cost from \$25 million to over \$700 million. Mike's successfully completed projects include a new building for Ohio University Heritage College of Osteopathic Medicine, two science and engineering buildings at Ohio State, a bank office/mixed-use tower in Charlotte, and Chicago's high-rise Jones High School. He has led the design team on an office-hotel 385M tower currently under construction near Cairo, a hospital tower in Beirut, and several buildings on the all-women university campus in Riyadh, Saudi Arabia. He has degrees from University of Pennsylvania and University of Notre Dame, is a LEED BD+C Accredited Professional and is licensed in several states including the State of Michigan. He is currently working on a new Ambulatory Building for Corewell Health, which is under construction in Grand Rapids, Michigan.

Speaker

Biographies



Joe Forro has an extensive history in fire protection, including firefighting, fire prevention and communications and operations management. Forro joined the United States Air Force to serve in AF Fire Protection. After Basic training and Fire School at Chanute AFB in Rantoul Illinois he was stationed at McGuire AFB NJ where my fire department career received its roots. He then worked as a contingency firefighting instructor, This training provided state-side firefighters the tools to be able to operate affectively in a war time environment. Continuing his service, Joe gained experience from all over the world, from Alaska to the D-Z in South Korea. Following the Air Force, Joe served as the Fire Chief for the Milwaukee International Airport. After settling down in Mid-Michigan with his wife and four kids, Joe began working for the Bureau of Fire Services as the State Administrative Manager where he has been busy identifying efficiencies and expounding on them to create a better experience for our customers, both internal and external.



Rick Day is the Bureau of Fire Services Region 3 Interim State Fire Marshal Supervisor. Rick has been a State Fire Marshal Inspector with the Bureau of Fire Services for over 22 years. He is a NFPA Certified Fire Inspector, NFPA Certified Plan Examiner and a Registered State of Michigan Plan Reviewer of Fire Protection Systems. Rick is a Principal Voting member of 16 NFPA Technical Committees. He has decades of experience inspecting hospitals, surgery centers, hospices, schools, colleges and many other state regulated facilities. He also has extensive experience completing over 500 CMS (Centers for Medicare and Medicaid Services) Deemed Status Surveys of Hospitals, Surgery Centers, and Nursing Homes.

Speaker Biographies



Pat Riney is the Bureau of Fire Services Plan Review Division Manager. He comes to BFS by way of serving with the Grosse Pointe Shores Public Safety Dept as a Public Safety Officer. Prior to Grosse Pointe Shores, Pat was the Executive Director for the Michigan Arson Prevention Committee. At the MAPC, Pat's duties included coordinating the activities of the 40 members, overseeing the Arson Reward program which offered the reward for tips and information that lead to the arrest of arsonists, and developing, promoting and testifying arson prevention legislation. He is retired after more than 28 years with the West Bloomfield Fire Department. Pat worked as a Firefighter/Paramedic, promoted to Fire Inspector and Deputy Fire Marshal. As Fire Marshal, he was responsible for the oversight of all things related to fire prevention (plan review, inspections, fire investigations, and public education, etc.) within the West Bloomfield Fire Services jurisdiction which included the tri-cities of Sylvan Lake, Keego Harbor and Orchard Lake. Pat received a Bachelor of Science degree from Madonna University, attended the Farmington Hills Fire Academy and the Macomb Police Academy. He is a Certified Fire Protection Specialist and a State of Michigan Certified Fire Inspector.



Heather Hosey graduated from Michigan State University with her degree as a registered nurse. She is now the Director of Health Facility Licensing, Permits and Support Division, within the Bureau of Community and Health Systems and the Department of Licensing and Regulatory Affairs. She oversees licensing of health care facilities, health facility engineering, legislative activities, freedom of information act, certification of qualified sign language interpreters, complaint intake, and certified nurse aide, trainer and training program regulatory activities. Heather has worked at the State of Michigan since 2010, she started out as a Health Care Surveyor in hospitals, dialysis facilities, surgical facilities and transplant hospitals. In 2015 she transitioned into management at the State of Michigan in the Complaint Intake Section for health facilities including nursing homes, then in 2018 she moved on to become the Director of Health Facility Licensing, Permits and Support Division. Prior to working for the State of Michigan, she worked in Sparrow Hospital and Port Huron Hospital, gaining experience in medical-surgical care, intensive care, cardiac care and women's health.

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Health Facilities Planning Seminar

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2023 Health Facilities Planning Seminar Committee

Staci Bakkegard, CHC
Douglas C. Hanna, AIA
Julia F. Herschelman, AIA
Dave Imesch
Karl Kowalske, AIA, ACHA, EDAC, LEED AP
Teresa Miller, AIA, LEED AP
Cathy Mosley, Hon. Aff. AIAMI
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