

HEALTH in BUILDINGS HYGEIA 2026

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Thomas H. Phoenix, P.E. ASHRAE Presidential Member



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Presentation title: Improving Building Performance

This program will define the characteristics of a high performing health care facility and discuss how to identify and measure those metrics. A number of tools that can be used to identify and analyze potential measures for improving the operating performance of the building will be shown.

Short CV:

Mr. Phoenix is an ASHRAE Presidential Member, ASHRAE Distinguished Lecturer, and immediate past Chair of the US National Institute of Building Sciences. He is a licensed Professional Engineer with over 40 years' experience in the design of building HVAC, energy, and plumbing systems.

CV:

After working as a Principal in the Architecture/Engineering business for over 34 years with Moser Mayer Phoenix Associates and CPL Architects and Engineers, Thomas Phoenix is now an instructor in the Architectural Engineering Department at North Carolina A&T State University. He has a B.S. degree in engineering from NC State University. He is a Registered Professional Engineer in North Carolina and six other States and has over 40 years of experience in the design, operation, and maintenance of building mechanical and energy systems in commercial, educational, government, and medical office facilities.

Mr. Phoenix has been an active member of ASHRAE (American Society of Heating, Refrigerating and Air Conditioning Engineers) since 1984, and was elevated to the grade of Fellow in 2011. He is an ASHRAE Presidential Member, having served as Society President in 2014-15. He served on ASHRAE's Board of Directors for 11 years and has chaired the Publishing and Education Council and numerous ASHRAE committees. Mr. Phoenix is an ASHRAE Certified Building Energy Modeling Professional (BEMP) and is also an ASHRAE Distinguished Lecturer. He is an ASHRAE Foundation Trustee and was Co-chair of ASHRAE's Task Force for Building Decarbonization in 2021-22.

Mr. Phoenix recently served as Chair of the National Institute of Building Sciences (NIBS) in Washington, DC. He also previously served for six years as Chair of the Advanced Energy Design Guides Steering Committee, which is composed of representatives from ASHRAE, the American Institute of Architects (AIA), the Illuminating Engineering Society of North America (IES), and the US Green Building Council (USGBC).