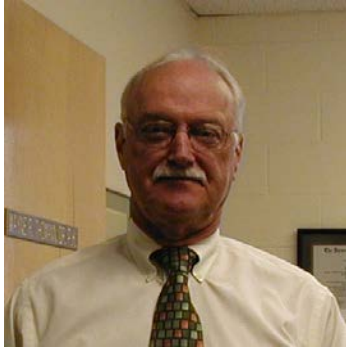




**Wayne Thomann**  
**Biographical Sketch**  
**“The Future of Existing Buildings”**



Wayne Thomann, Doctor of Public Health (DrPH), and Senior Building Consultant with Chelsea Group, is an experienced member of the Chelsea team. Combining his scientific expertise in aerobiology with his practical experience in managing health and safety for Duke University Medical Center, Dr. Thomann brings a seasoned eye to indoor air problems and building science solutions. His work with Chelsea Group includes a wide range of projects relating specialized problems solving and forensic analysis.

Major projects with Chelsea Group include an extensive forensic analysis of Louisiana State University Medical Center, conducting the field work and analyzing chemical and biological contamination following Katrina-related events. His work advanced reconstruction and beneficial use of lower levels of 10 buildings on that campus. Dr. Thomann was also part of the Chelsea team that helped in the recovery of the University of Hawaii from a massive flood that damaged over 40 buildings. A frequent contributor in projects relating to commercial properties, Dr. Thomann has participated in multiple property condition assessments and most recently in conducting “ECO-Audits” – on site sustainability assessments – for multiple office properties.

In addition to his work with Chelsea Group, Dr. Thomann presently has a dual appointment as assistant professor at Duke University Medical Center and the Duke University Nicholas School of the Environment. He currently teaches graduate courses in Biohazard Science/Occupational and Environmental Health and Safety Graduate Curriculum. He also has directed Duke University Medical Center’s occupational and environmental safety and hospital epidemiology programs.

Dr. Thomann presently serves on the committee that is revising the American Society of Heating, Refrigerating and Air-Conditioning Engineers’ (ASHRAE) Standard 62.1, Ventilation for Acceptable Indoor Air Quality, and on the American Society for Testing and Materials’ Committee D22 on Sampling and Analysis of Atmospheres (Indoor Air Quality). He is professionally licensed as a specialist in microbiology with the American Society for Clinical Pathologists and as specialist microbiologist in Public Health and Medical Laboratory Microbiology with the American Academy of Microbiology.



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Dr. Thomann has authored a number of articles on microbial contamination in heating, ventilating, and air-conditioning (HVAC) systems, including the role of moisture and dew points and testing, evaluation, and control methodologies. He also has contributed to the understanding of the airborne dynamics of *Aspergillus* spores and how to prevent their spread.

Dr. Thomann received a bachelor of science and a master of science in Microbiology from the Florida Atlantic University in Boca Raton, Florida. He received a doctor of public health from the University of North Carolina in Chapel Hill, North Carolina.