Merle F. McBride, Ph.D., P.E., Research Fellow, has been at the Owens Corning Center of Science and Technology in Granville, Ohio for 40 years. He received his degrees in Mechanical Engineering from The Ohio State University and is a registered professional engineer in Ohio. His technical focus has been on the energy performance of residential and commercial buildings which he has used in the development of U.S. energy codes and standards. Dr. McBride has been an active member in ASHRAE at the national level since 1976, has served on several Technical Committees, was a contributing author to handbook chapters and served ten years on the Standards Committee. His current committee appointments include: Standards 90.1, 90.2 and 189.1. He has been on all twelve of the ASHRAE Advanced Energy Design Guide committees. Dr. McBride has over 100 publications, was awarded two U.S. patents, and received multiple awards from ASHRAE and industry.