

Mr. Jason Averill presently serves as a fire protection engineer in the Fire Research Division of the Building and Fire Research Laboratory. He is responsible for development, application, and evaluation of computer fire models. His research interests include fundamental fire behavior, computer fire models, applied mathematics, and performance-based design. He received a BS in Civil Engineering (1996) and an MS in Fire Protection Engineering (1998) from Worcester Polytechnic Institute. He is continuing his education at Johns Hopkins University's Mechanical Engineering Department where he will study fundamental aspects of fire plumes.

After receiving his degree, Mr. Averill worked in the Computational Fire Modeling Laboratory at Worcester Polytechnic Institute's Center for Fire Safety Studies. His principle responsibility was the application of a probabilistic computer fire model to Coast Guard Cutters. In 1997, Mr. Averill moved to Gaithersburg, MD as a student intern in the Fire Modeling and Applications Group of the Building and Fire Research Laboratory. His primary achievement was the performance-based design of a 40-story, mixed-use office building for submittal to the 2nd International Conference on Performance-Based Design in May 1998.

Mr. Averill is a member of the National Fire Protection Association, Society of Fire Protection Engineers, and Salamander Society. Additionally, he is a registered Engineer-In-Training in the state of Massachusetts.