

404 Rutger Street  
Utica, New York

Historic Restoration  
Technology Transfer  
Liability Management

### Property History

A unique turn-of-the-century historic residence was marred by severe mold infestation resulting from a catastrophic leak in the roof and substantial water damage. This 4,000 square foot residence is located in Utica's historic Rutger-Steuben Park Historic District with a character and features that are not easily replicated today. Restoration of this once extraordinary neighborhood is a vital element to Utica's economic revitalization.



### Challenge

The mold infestation rendered the structure uninhabitable and posed a substantial health risk to anyone who occupied the building. Synapse, working with the City of Utica and other business partners, created an innovative approach to remove the microbial matter while restoring the historic character of the property.

### Solution

Synapse, through its business relationship with the Sabre / BioOne (a joint venture between Sabre Technical Services and Giuliani Partners), sought a technology transfer of Sabre's innovative microbial matter remedial technology to fumigate mold in a historic residential building. Synapse and Sabre melded traditional tenting techniques with Sabre's chlorine dioxide gas technology to disinfect the entire building without damaging any of the house's structural or mechanical components.

The application of Sabre's chlorine dioxide gas has been used to fumigate and sterilize a number of contaminated buildings, including the American Media Inc. (AMI) building in Florida following the anthrax attacks of 2001. The innovative technology preserved and restored the historic value of the 404 Rutger St. property, which remains a landmark in Utica's Historic District.



Synapse facilitated this project through the financial contributions of Eckardt C. Beck and coordination with the City of Utica, Sabre, and the following nationally-recognized organizations:

- The University of Cincinnati;
- Center for Disease Control and Prevention;
- National Institute for Occupational Safety and Health; and
- AIG Environmental Insurance Company.

These resources were brought to this event for independent third party validation of the mold fumigation technology.