

Date	Presentations and Lectures
1975-78	<b>Boston Energy Conservation Group (including Boston Wind)</b> Boston, MA Passive, Active and Hybrid Solar Heating techniques & architectural design for energy conservation Home design for energy independence
9/9/77	<b>New England Solar Energy Assoc (now NESEA) Regional Conference - Better Thermal Utilization</b> Hartford, CT Case Study - Net Zero Energy Office Building using integrated CPC collectors
3/3/89	<b>Thermosense XI, International Symposium on Aerospace/Defense (SPIE)</b> Orlando, FL Infrared thermography as quality control for foamed-in-place insulation
11/20/96	<b>Condominium Assoc. International</b> Nashua NH 03060 Ice dam Prevention and Remediation for Northeast Condominiums
10/10/98	<b>Thermal Performance of the Exterior Envelopes of Buildings VII</b> Orlando, FL Ice dam Remediation for Northeast Ski-Area Condominiums
12/6/98	<b>Thermosense XX, International Symposium on Aerospace/Defense (SPIE)</b> Orlando, FL  Thermographic Inspection and Quality Assurance of Energy Conservation Procedures for Electric Vehicles
11/12/99	<b>Maine AIA Chapter Meeting</b> Portland, ME Ice dam Prevention and Remediation
11/16/99	<b>Northeast Electric Vehicle Demonstration Project: Cabin Thermal Management</b> Indianapolis, Indiana (DOE, ASHRAE, ORNL) Presented and published - SAE International Conference and Exposition
3/20/02	<b>Restoration and Renovation Exhibition and Conference</b> Boston, MA The Use of Polyurethane Foam Technology in Historic Renovation & Remediation Work
4/28/02	<b>Thetford Energy Committee Workshop</b> Thetford, VT Methods for diagnosing and quality assuring thermal envelopes
6/11/02	<b>Lavallee/Brensinger P.A.</b> Manchester, NH Case Study and Considerations I - Ice Dams Prevention and Remediation Exterior cavity-wall Applications and Infrared Diagnostics and QA Testing
1/29/03	<b>Shepley Bulfinch Richardson &amp; Abbot Architects</b> Boston, MA Specifying air barriers
2/5/03	<b>FREEMAN FRENCH FREEMAN, INC.</b> Burlington, VT Air barriers, vapor barriers, and spray foam insulation
2/25/03	<b>NBF Architects P.C. (Nimtz . Berryhill . Figiel)</b> Rutland, VT Exterior cavity-wall Applications (Holy Family Catholic School project)
1/15/03	<b>Boston Society of Architects</b>
6/23/03	Boston, MA Exterior cavity-wall Applications and Infrared Diagnostics and QA Testing

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3/11/03	<b>WCGF Architects (Woodward, Connor, Gillies, Seleman)</b> Albany, NY Polyurethane foam applications (NY State Teacher's Retirement System Project)
3/31/03	<b>Affordable Comfort National Conference</b> Kansas City, MO Two Part Urethanes
8/14/03	<b>Dunbarton Elementary School planning meeting</b> Dunbarton, NH Ice dam Remediation
10/2/03	<b>Affordable Comfort New England Conference</b> Westford, MA Panelist, "Developing Trade Partners for Building Performance" & "How Not to Get Sued"
10/17/03	<b>Affordable Comfort Regional Conference</b> Rye, NY Building Diagnostics
12/4/03	<b>Boston Society of Architects</b> Boston, MA Infrared Diagnostics and Quality Assurance Testing
10/29/03	<b>Kling Lindquist Architects</b> Philadelphia, PA Cavity Fill applications in existing buildings
2/5/04	<b>Affordable Comfort New England Conference</b> Westchester, NY 2-Part Foam - Insulation, Air Sealing, Infrared thermography
4/28/04	<b>Affordable Comfort National Conference</b> Minneapolis, MN Two Part Urethanes
8/19/04	<b>WFA Group Architects</b> Charlotte, NC Exterior brick cavity-wall applications
9/3/04	<b>PCI Architects (Capital Commons)</b> Hooksett, NH Insulation and Air Sealing, Infrared thermography
10/5/04	<b>ASTM National Conference - Presented QA Protocol</b> Washington, DC Standard Test Method for Identifying Air Leakage Locations by Fan Pressurization and the Introduction of Theatrical Fog (2003)
10/21/04	<b>Centerbrook Architects</b> Centerbrook, CT Design Strategies for high-performance Schools Methods for quality assuring high-performance thermal envelopes
12/16/04	<b>Regional Conference - Icynene</b> Uncasville, CT Injected or Cavity-fill Polyurethane Foam - Market Potential & Installation Techniques.
2/9/05	<b>Vermont Energy Investment Corp.</b> Burlington, VT Insulation and Air Sealing, Infrared thermography
4/14/05	<b>Dore and Wittier Architects</b> Burlington, VT Testing Methods for Quality Assuring the Thermal Envelope

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5/18/05	<b>Affordable Comfort National Conference</b> Indianapolis, IN New Protocol: Air Leakage testing & QA Using Theatrical Fog. (In-field session) Insulating Existing Basements (advanced)
6/22/05	<b>Shepley Bulfinch Richardson &amp; Abbot Architects</b> Boston, MA Unique Polyurethane Foam Applications in Buildings
2005	<b>AIA New Hampshire</b> Bow, NH Leadership in Energy and Environmental Design
6/24/05	<b>Materials &amp; Media 1 - Restoration and Renovation Conference</b> (National Trust for Historic Preservation) Boston, MA The Use of Polyurethane Foam Technology in Historic Renovation & Remediation Work
8/30/05	<b>FREEMAN FRENCH FREEMAN, INC.</b> Burlington, VT Exterior brick cavity wall applications - Building science, details, and techniques
9/1/05	<b>Setting Air Leakage Standards for Buildings</b> (ASHRAE Journal, September 2005)
9/1/05	<b>Banwell Architects</b> Lebanon, NH Exterior brick cavity wall applications - Building science, details, and techniques
9/20/05	<b>Morris Switzer Architects</b> Williston, VT Introduction to polyurethanes Exterior brick cavity wall applications - Building science, details, and techniques
1/3/06	<b>Banwell Architects</b> Lebanon, NH H-P and LEED presentation - Green Woodlands
1/13/06	<b>Banwell Architects</b> Lebanon, NH Details and Specifications (Merrimack Schools)
1/23/06	<b>Carnegie-Mellon University - Center for Building Performance</b> Pittsburgh, PA Design Strategies Avoiding/Minimizing the Occurrence of Failures in Commercial Buildings
1/24/06	Air Barriers Presentation to CMU Facilities Manager
3/28/06	<b>Kennet School District Presentation</b> N. Conway, NH Air Barriers and High Performance Schools - CRP
3/31/06	<b>Vermont High-Performance Schools Conference</b> Technical support for presentation by Banwell Architects Champlain Valley High School Case Study
5/19/06	<b>CSI Vermont Existing Buildings Conference</b> Vergennes, VT Analysis and implementation of Building Envelopes in Existing Buildings
6/20/06	<b>Merrimack School District Presentation</b> Merrimack Valley, NH Air Barriers and High Performance Schools - CRP

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4/23/07	<b>Affordable Comfort National Conference</b> Cleveland, OH Polyurethane Foam Systems
9/13/07	<b>NH High Performance Schools</b> Concord, NH Methods for quality assuring high-performance thermal envelopes
1/22/08	<b>Henry Finch, Architect</b> Waban, MA 02468 Historic renovation and remediation using polyurethane foam technology Historic Buildings, Case Studies and Theoretical Considerations
1/22/08	<b>TRO Jung Brannen</b> Boston, MA 02210 Exterior brick cavity wall applications - Building science, details, and techniques Remediating and Preventing Ice Dams in Cold Climates Red flag review - Project Condos at Bretton Woods
1/22/08	<b>STUDIO LUZ ARCHITECTS, ltd</b> Boston, MA 02210 Topic: Brick Townhouses - Back Bay
1/23/08	<b>Perry Dean Rogers Partners Architects</b> Boston, MA 02109 Exterior Cavity Wall AIA & CRP Red flag review - Project Norwich University
1/23/08	<b>Winn Development</b> Boston, MA 02019 Building Envelope Commissioning for high-performance buildings
4/7/08	<b>ACI Home Performance Conference</b> Pittsburgh, PA The Many Faces of Polyurethane Foam Strategic Air Sealing with SPF
2/13/08	<b>Better Buildings by Design (VEIC-Efficiency VT)</b> Burlington, VT What is on the cutting edge of building technology?
3/13/08	<b>NESEA - Building Energy 08</b> Boston, MA (World Trade Center) Techniques for insulating existing buildings to achieve high-performance building envelopes
4/21/08	<b>University of Minnesota - Graduate School of Architecture</b> St. Paul, MN 55101 Advanced Polyurethane Foam Systems The Exterior Brick Cavity-wall Application - Theory & Details
4/22/08	<b>CERMAK RHOADES ARCHITECTS</b> St. Paul, MN 55101 The Exterior Brick Cavity-wall Application - Theory & Details
4/25/08	<b>Banwell Architects</b> Lebanon, NH Using the Exterior Rain-Screen Cavity-Wall System with the CRP Program
4/30/08	<b>Simpson Gumpertz &amp; Heger</b> Waltham, MA 02453 Understanding the causes of foam failures
4/30/08	<b>Newton North High School</b> Exterior Cavity wall system and Savings using the CRP approach

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4/26/08	<b>Pizzagalli Company - National Construction Managers' Conference</b> Burlington, VT Achieving Low-cost High-performance Building Envelopes
5/10/08	<b>Digital Bridges - Middlebury College</b> Middlebury, VT Modular high-performance building system - Net Zero Project at the South Pole U.S. Patent , Reusable Modular Components for High-performance Buildings
10/17/08	<b>Wessling Architects</b> Quincy, MA Testing Methods for Quality Assuring Thermal Envelope Performance; Supergreen "LAM"
1/18/09	<b>Banwell Architects</b> Lebanon, NH Achieving Low-cost High-performance Building Envelopes
1/12/09	<b>Castle Square - Winn Development</b> Boston, MA Achieving Low-cost High-performance Building Envelopes
2/3/09	<b>Army Corps of Engineers Net-Zero Energy (NZE) Installations &amp; Deployed Bases Workshop</b> Colorado Springs, CO Using Polyurethanes to achieve net-zero buildings Cost reduction protocol for achieving high-performance building envelopes
2/26/09	<b>Shepley Bulfinch Richardson &amp; Abbot Architects</b> Boston, MA Ext. Brick Cavity Wall Design Patent applied - Liquid-Applied Membrane (LAM) expanding air & vapor barrier system Achieving High-performance building envelopes
4/16/09	<b>Carnegie-Mellon University - Department of Civil and Environmental Eng.</b> Pittsburgh, PA Predicting/modeling air barrier performance Building systems for achieving high-performance building envelopes
7/22/09	<b>Shinberg.Levinas Architectural Design</b> Bethesda, MD 20814 Building Envelope Commissioning for high-performance buildings
7/23/09	<b>HNTB Federal Architects</b> Washington, DC Foam 101 - Followup for Fort Lee and other projects
8/3/09	<b>Westford Building Science Symposium</b> Westford, MA Methods for quality assuring high-performance thermal envelopes
9/24/09	<b>Army Corps of Engineers Air Barrier Solutions 2009 Workshop</b> Richmond, VA Achieving Low-cost High-performance Building Envelopes
11/10/09	<b>New York AIA Building Enclosure Council</b> New York, NY All About Exterior Spray Foam (aka "The Perfect Wall")
12/10/09	<b>Thetford Academy Air Barrier Workshop</b> Thetford, VT Air Barriers and High Performance Schools

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1/28/10	<b>Army Corps of Engineers Air Barrier Solutions 2010 Workshop</b> Williamsburg, VA Achieving Low-cost High-performance Building Envelopes
2/10/10	<b>ACI Solutions for Success 2010</b>
2/11/10	Saratoga Springs, NY Low-Rise Buildings: Addressing Party Walls & Brick Walls Strategic Air Sealing: Preventing Future Problems Pressure Diagnostics
3/3/10	<b>Better Buildings: Better Business Conference 2010</b> Wisconsin Dells, WI Ice Dam Prevention & Remediation - Case Study and Theoretical Considerations Basement and Crawlspace Performance Improvement Strategies Second B&C session "by popular demand"
3/9/10	<b>NESEA Conference: BuildingEnergy10</b> Boston, MA (3-9 to 3-11) Workshop - Designing and building The Perfect Wall System using The Cost Reduction Protocol
4/22/10	<b>ACI Home Performance Conference</b> Austin, TX (4-19 to 4-23) Next Generation of Air Sealing (A universal process or achieving ultra-high air barrier performance)
9/30/11	<b>Autonomous Polar Observing Systems Workshop (National Institute of Aerospace)</b> William F. Bolger Center, Potomac, MD The ARRO 2 Project Enclosure System (Poster presentation)
7/29/11	<b>Governor's Institutes of Vermont - Program - Engineering</b> Burlington, VT (UVM) Overview of Cutting-edge Building Technologies
7/30/11	<b>Building America Experts Meeting - Interior Insulation Retrofit of Mass Masonry Wall Assemblies</b> Westford, MA Variations on a (Mass Masonry) Theme - With a Touch of Foam
8/1/11	<b>Building Science Corp, Mark Bomberg, Sure Sill (Mishko Teodorovich, Pres.)</b> Westford, MA SG LAM Concept For Ext. Cavity Walls
11/8/11	<b>CVACA</b> Barre, VT Foam: Uses and Abuses (Introduction, Applications, Safety, and problem solving)
3/26/12	<b>ACI 2012</b> Baltimore, MD Site-applied foam insulation and safety
4/2/12	<b>The Building Enclosure Science &amp; Technology (BEST) Conference</b> Atlanta, GA Building Enclosure Technology and Environment Council's (BETEC) High Performance Buildings - Combining Field Experience with Innovation Mass Masonry Wall Assemblies
4/17/12	<b>Lime Energy Services Co.</b> Huntersville, NC Achieving Low-cost High-performance Building Envelopes
6/28/12	<b>ICC BSA-VT</b> Lake Morey Resort - Fairlee, VT Building codes and standards for the field-applied polyurethane foam industry
7/20/12	<b>DEAP Energy Group</b> Boston, MA Safe and Effective Applications of Foam & Plastic in the Building Envelope

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	<b>PennBOC (Pennsylvania Building Officials Conference)</b>
9/12/12	Bethlehem, PA, Sands Resort Hotel
	Inspecting Foamed Plastics for Code Compliance and Product Quality
	<b>Ohio AIA</b>
	Cleveland, OH, Wyndham Cleveland at Playhouse Square
9/13/12	Safety - Design Practices for Foamed Plastics
9/14/12	Achieving Low-cost High-performance Building Envelopes
	<b>Forest City</b>
9/28/12	Achieving Low-cost High-performance Building Envelopes
	<b>ACI - Mid-Atlantic 2012</b>
10/1/12	Pittsburgh, PA, Westin Convention Center
	Fixing Basements and Crawl Spaces
10/3/12	<b>Michael Baker Corporation</b>
	Achieving Low-cost High-performance Building Envelopes
	<b>ACI - New England Home Performance Conference 2012</b>
	Springfield, MA, MassMutual Center
9/16/12	Diagnostic Pitfalls
9/16/12	Planning and Executing Energy Improvements for Basements and Crawl Spaces
9/17/12	Strategic Air Sealing
<b>Scheduled</b>	
3/5 to 7/	<b>Building Energy 13</b>
2013	Boston, MA, World Trade Center
	The Master's Guide to Designing Spray Foam Insulation Projects
	The Master's Guide to Installing Spray Foam Insulation
Note: Presentation & Training program topics list available upon request	