

SESSION TITLE: **MOISTURE AND RAIN MANAGEMENT**  
SESSION LENGTH: **2-HOUR**

SESSION DESCRIPTION: **LEARN WHY MANAGING RAIN AND MOISTURE IS KEY TO BUILDING PERFORMANCE. REVIEW THE TRANSPORTATION CHARACTERISTICS OF BOTH BULK WATER AND VAPOR DIFFUSION. CAN WE STOP MOLD BEFORE IT REACHES HARMFUL LEVELS? DISCUSS CHARACTERISTICS OF SHEATHING, BUILDING PAPERS, CLADDING, FLASHING, WALL AND ROOF SYSTEMS. LEARN TECHNIQUES FOR PROPER DRAINAGE PLANES, VENTED RAIN SCREENS AND PRESSURE EQUALIZED RAIN SCREENS.**

TOPICS COVERED: **★ REVIEW AUDIENCE DEMOGRAPHICS, REGIONAL CLIMATE ISSUES AND WHY DO WE NEED TO MANAGE RAIN**  
**★ BASIC MOISTURE TRANSPORTATION**  
**★ MATERIAL CHARACTERISTICS:**  
**SHEATHINGS - TYPES, MOISTURE TOLERANCES, PERFORMANCE**  
**BUILDING PAPERS - TYPES, INSTALLATION OPTIONS, PERFORMANCE**  
**CLADDING SYSTEMS - TYPES, INSTALLATION TECHNIQUES, DURABILITY**  
**FLASHING SYSTEMS - ROOFS, WALLS, WINDOWS**  
**WALL SYSTEMS - TYPE, PERFORMANCE, MOISTURE TOLERANCE**  
**ROOF SYSTEMS - TYPE, DRAINAGE, FLASHING**  
**★ WATER MANAGEMENT SYSTEMS AND TECHNIQUES:**  
**BARRIER WALLS - SYSTEM APPROACH**  
**DRAINAGE PLANES - INSTALLATION ISSUES**  
**VENTED RAIN SCREENS - DETAILS AND MATERIALS**  
**PRESSURE EQUALIZED RAIN SCREENS - WHERE AND WHEN NEEDED**

TARGET AUDIENCE: **ARCHITECTS, BUILDERS, CONTRACTORS, DISTRIBUTORS**