



**High Performance Buildings Research Center/
Small Business & Technology Development Center Program**
Building Business/Industry Training 1/2 day Seminar
Agenda

1. General Overview

- Overview of the current Building Industry and positioning your business
- Brief History/ Development and incorporation of Building/Energy Codes
- Effect of “unintended consequences”
- Building a knowledgeable team to make your business more efficient
- Design and planning
- MU/National Healthy Homes Partnership

2. Building Performance/Science; New or Retrofit

- Higher comfort/healthier indoor environment
- The Building Envelope: Wall Assemblies, Roof/Walls/Floor

3. Windows/Doors

- Window design, Labeling and Performance, Door Labeling and Performance

4. Moisture Management

- Prioritizing Moisture Management
- Focus on Flashing
- Envelope issues and their effect on indoor air quality/health

5. HVAC System Performance and technology

- High Efficient HVAC, Ground Source Heat Pump, Fuel types Gas/Electric/Solar
- Air conditioning, Natural Ventilation, Humidity control

6. Plumbing/Electrical

- Water Heating, design, using solar
- Lighting, Appliances, Photovoltaic

Remodeling/Retrofit

1. Market size
2. Limits/ scope of work, Using criteria/ Standards
3. De-construction

Focus on Business Management

1. Building/Remodeling more efficiently *makes your business* more efficient
2. How/why consumers are buying and how the investment benefits them
3. Building Codes and IECC through 2015
Building Code Development/Legislative Issues
4. Managing legal risks in today’s Building/Remodeling
 - Creating a risk management Plan
 - Contracts/Specifications
5. Incentives for developing/building/remodeling
 - Federal/State/Local
6. Marketing today’s building & remodeling
 - Differentiating your business
 - Marketing the added value as an investment
 - Growth of target audience for marketing
7. Financing Energy Efficiency

Questions/Discussion