

# Mark Pierce

## Web Bio

### Information

#### Biography

##### Biographical Statement

A major emphasis of my outreach work focuses on energy efficiency issues in residential buildings. Working closely with Extension Professor Joseph Laquatra, we have completed the eighth year of the Consumer Education Program for Residential Energy Efficiency. This program, a joint project of the Department of Design and Environmental Analysis, 28 Cornell Cooperative Extension Associations, and New York State Energy Research and Development Authority, educates New Yorkers in ways to make their homes more energy efficient and reduce home energy-related costs.

I also work closely with Professor Joseph Laquatra writing articles for both academic and general audience publications on environmental and health issues related to residential buildings.

I also spend significant amounts of time on outreach efforts in support of Extension Educators at local Cornell University Cooperative Extension Associations. In addition I provide educational presentations and materials to professional groups and citizens throughout New York State on a variety of issues related to the built environment.

##### Department Website Summary

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## **Professional**

### **Current Professional Activities**

Member Building Performance Contractors Association of New York State

Member Family and Consumer Sciences Education Association

## **Research**

### **Current Research Activities**

- Continue to work with Professor Joseph Laquatra and Professor Lorraine Maxwell on the Healthy Living and Learning Environments project:
- On-going work with Professor Joseph Laquatra on the Residential Construction Waste Management project to explore strategies to reduce building construction related waste materials.

## **Extension**

### **Current Extension Activities**

Support county Extension Educators in their outreach efforts to improve the health, safety and well being of individuals and families by providing specific research based information to each county Extension Educator that requests it.

Provide educational presentations to a variety of audiences on health and energy issues related to the built environment

Write Fact Sheets, articles and press releases on energy efficiency and indoor air quality issues and publish in print media outlets across N.Y. State

Keep the Department of Design and Environmental Analysis Outreach web-sites up-dated and current

Prepare education exhibits on residential energy efficiency issues and make available to Cornell Cooperative Extension Associations across N.Y. State

## **Education**

## **Education**

M.S. Cornell University: College of Human Ecology,  
Ithaca New York  
Department of Design & Environmental Analysis  
Major: Human-Environment Relations, Minor: Education  
Concentration: Housing.  
Thesis: Environmental & Economic Impacts of Residential Building Product, Construction  
Method, Design, and House Size Choices

B.S. State University of New York: Regents College,  
Albany, New  
Major: Liberal Arts  
Concentrations: Economics; Communications

A.S. State University of New York: Morrisville Agricultural and Technical College Morrisville,  
New York  
Major: Natural Resources Conservation

## **Websites**

### **Related Websites**

[Energy FAQs:](#)

[Housing Fact Sheets](#)

[Housing and Home Environment News](#)

[Consumer Education Program for Residential Energy Efficiency](#)

[Energy Town Meetings](#)

[Residential Construction Waste Management](#)

## **Publications**

### **Selected Publications**

Pierce, M. and J. Laquatra (2011). Accidentally breaking a CFL-is it mayhem? *Home Energy*. 28(6), November/December, pp. 16-18.

Laquatra, J. and M. Pierce (2011). Waste management at the construction site. In S. Kumar (ed.), *Integrated Waste Management, Volume I*. InTech, pp. 281-300.

Laquatra, J. and M. Pierce (2011). Toward more sustainable construction. 3-part series in iGreenbuild. July, September, October.

<http://www.igreenbuild.com/coreModules/content/contentDisplay.aspx?contentID=3602>