

**Cornell University**  
**Housing Research and Education Program**

**Overview and Organization**

Joseph Laquatra, Ph.D., Professor and Department Extension Leader, coordinates housing research, education, and Extension efforts within the Department of Design and Environmental Analysis. Specific elements of the program include special studies courses for undergraduates, graduate advising in the Human Environment Relations major, and Extension activities. Graduate students study sustainable aspects of housing and focus on topics such as affordability, energy efficiency, housing for special populations, indoor air quality, and other relevant subjects. Extension activities are coordinated through two Program Work Teams (PWT) of Cornell Cooperative Extension, for which Professor Laquatra serves as lead co-chair: the Renewable Energy and Energy Efficiency PWT and the Family Economic Resource Management PWT. Professor Laquatra and Extension Associate Mark Pierce coordinate other Outreach efforts by working with appropriate groups, organizations, and agencies.

**Publications**

Laquatra, J.; Coyne, L.; Pierce, M. (2008). Lead in Christmas lights. *Journal of Environmental Health*, 71 (5): 8-11.

Laquatra, J.; Pillai, G.; Singh, A.; Syal, M. (2008). Green and healthy housing. *Journal of Architectural Engineering*, 14 (4): 94-97.

Pierce, M. (2008). Choosing a space heater. Cornell Cooperative Extension Fact Sheet.

**Presentations**

Laquatra, J. and Pierce, M. Home Energy Efficiency and Indoor Air Quality, Two 2-hour workshops for Cornell University employees, Division of Residence Life.

Laquatra, J. The Consumer Education Program for Residential Energy Efficiency (poster presentation). Annual Conference of the Association of Energy Services Professionals. Orlando, FL; January 28, 2008.

Laquatra, J. (panel member). Focus on Green Building, International Builders Show, Orlando, FL; February 13, 2008.

Laquatra, J. Make Your Home an Energy Efficient and Healthy Habitat. Presented to the Cornell Club of Tampa (March 4, 2008), the Cornell Club of Greater Miami and the Florida Keys (March 5, 2008), and the Cornell Club of West Palm Beach (March 6, 2008).

Laquatra, J. Indoor Environmental Quality, presentation to employees of the New York State Department of Health, Albany, NY; April 9, 2008.

Laquatra, J. Trainer. Eliminating asthma triggers and lead poisoning hazards in homes. Two-day training for City and State Health Department employees as part of the *Healthy Homes for Healthy Kids Campaign*, U.S. Department of Housing and Urban Development: Indianapolis (July 22-23, 2008), New Orleans (August 4-5, 2008), Baltimore (September 12-13, 2008), Hartford (November 4-5, 2008).

Laquatra, J. Development of the healthy homes manual. 2008 National Healthy Homes Conference. Baltimore, MD; September 15, 2008.

Laquatra, J. (session moderator and speaker). Healthy homes principles: A primer on the steps to creating a healthy home in rehabilitation projects. 2008 National Healthy Homes Conference. Baltimore, MD; September 16, 2008.

Laquatra, J. The consumer education program for residential energy efficiency. Annual Conference of the Housing Education and Research Association. Indianapolis, IN; October 7-10, 2008.

Laquatra, J. Residential indoor air quality. National Extension Association of Family and Consumer Sciences – Eastern Region Conference. Saratoga Springs, NY; October 15, 2008.

Laquatra, J. The consumer education program for residential energy efficiency. Achieving Greener Communities through Civic, Private and Government Sector Innovation. Mt. Morris, NY; October 28, 2008.

Laquatra, J. The consumer education program for residential energy efficiency. Affordable + Green: Efficiency Housing for Today and Tomorrow. Central Valley, NY; November 13, 2008.

Laquatra, J. Eliminating asthma triggers and lead poisoning hazards in homes. Three-hour training for employees of the U.S. Department of Housing and Urban Development. Washington, DC; December 4, 2008.

## **Outreach Activities**

Extension/Outreach focus is on practical applications of research foci.

Ongoing projects:

- Principal Investigator, Consumer Education Program for Residential Energy Efficiency. Funding source: New York State Energy Research and Development Authority.
- Principal Investigator, Healthy Homes and Healthy Neighborhoods. Funding source: Cooperative State Research, Education and Extension Service and the U.S. Department of Housing and Urban Development.
- Trainer, Reducing Asthma Triggers and Lead Poisoning Hazards in Homes. Funding source: U.S. Department of Housing and Urban Development.
- Principal Investigator, Sprawl and Residential Preferences: Investigating and Building Educational Strategies on New Understandings of Land Use. Funding source: Cornell University Agricultural Experiment Station and Cornell Cooperative Extension.

- Principal Investigator, Improving Household and Community Financial Security Through CCE Money and Energy Management Education, Funding Source: Smith-Lever (competitive).
- Principal Investigator, Energy Efficiency and Indoor Environmental Quality, Funding Source: Smith-Lever (competitive).

### **Biographical Listing**

*Who's Who in America*, 2008.

### **Contact:**

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