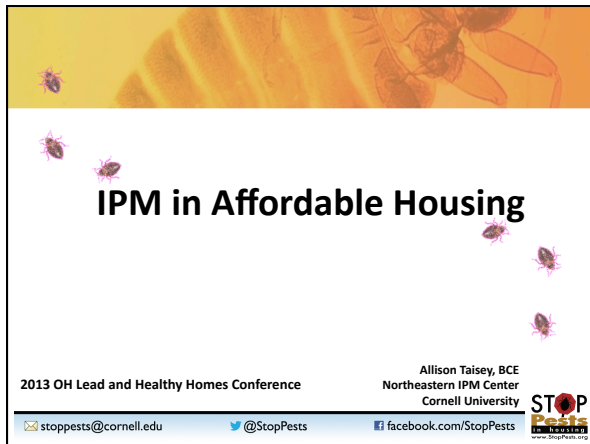


StopPests in Housing Program

www.StopPests.org



IPM in Affordable Housing

2013 OH Lead and Healthy Homes Conference

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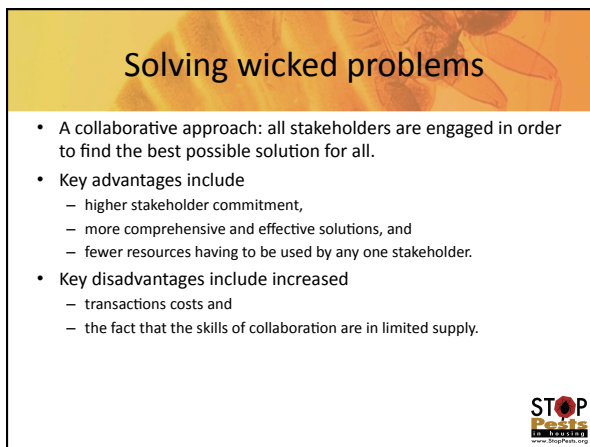


Pest control in affordable housing: a wicked problem (Rittel & Webber, 1973)

It may also be framed as a **social mess** (Horn, 2007):

- No unique "correct" view of the problem;
- Different views of the problem and contradictory solutions;
- Most problems are connected to other problems;
- Data are often uncertain or missing;
- Multiple value conflicts;
- Ideological and cultural constraints;
- Political constraints;
- Economic constraints;
- Often a-logical or illogical or multi-view thinking;
- Numerous possible intervention points;
- Consequences difficult to imagine;
- Considerable uncertainty, ambiguity;
- Great resistance to change; and
- Problem solvers are out of contact with the problems and potential solutions.

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Solving wicked problems

- A collaborative approach: all stakeholders are engaged in order to find the best possible solution for all.
- Key advantages include
 - higher stakeholder commitment,
 - more comprehensive and effective solutions, and
 - fewer resources having to be used by any one stakeholder.
- Key disadvantages include increased
 - transactions costs and
 - the fact that the skills of collaboration are in limited supply.

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We can all come together to Stop Pests

Healthy housing

- Reduction in indoor allergens
- Reduction in pests
- Reduction in pesticides
- Least risk chemicals
- Safe and decent housing
- Public health
- Bed bug management that is effective both in terms of budget and controlling the pest property-wide
- Making a profit in the affordable housing market
- Reduce the risk of staff members bringing home pests
- Increasing the quality of services sought by and offered to affordable housing



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Integrated Pest Management (IPM)

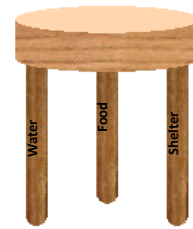
1. Inspect and monitor

2. Identify what's found
3. Determine the scale of response
4. Respond
 - Nonchemical control
 - Change people's behavior
 - Chemical control
 - Biological control
5. Evaluate effectiveness



Know the enemy

- Access
- Food
- Water
- Shelter



Broad goals

- Reduce pest infestation—Allocate pest control time and resources to solve pest problems in focus areas using the steps of IPM
- Reduce the risk of pest infestation—turn units over so that they are pest-free and sealed up, continue to educate staff and residents
- Aim for early detection and rapid response— continue to monitor and inspect

See: IPM: A Guide for Affordable Housing at www.stoppests.org/Guide



Goal

To improve pest control in affordable housing by teaching everyone who works, lives, and plays in housing how to use integrated pest management.

Mission

To eliminate high-level infestations of public health pests from affordable housing.

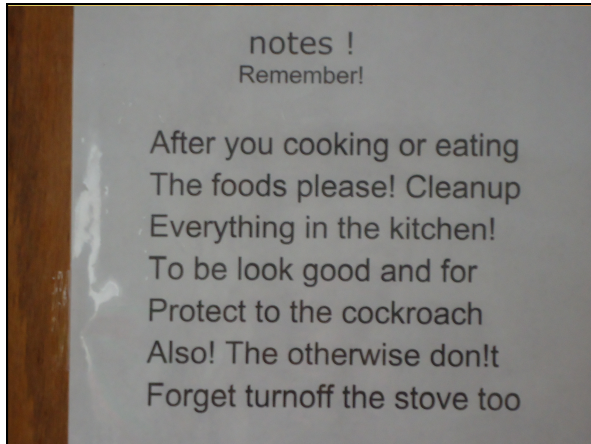
Call to Action

Prevent pests, promote health



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2007-2012 StopPests Outputs and Impacts


- Developed trainings
- Trained trainers
- Trained/supported Public Housing Authorities
- Funded peer educators
- Networked with associations and work groups
- Produced pertinent educational materials
 - www.stoppests.org
 - StopPests Blog
 - Bed Bug Protocol
 - IPM: A Guide for Affordable Housing



StopPests in Housing Program

IAA between USDA and HUD through the Northeastern IPM Center

- Actively work to eliminate documented obstacles to IPM in affordable housing;
- Develop and replicate an IPM implementation process for housing providers to follow;
- Coach at least 70 housing providers through the process; providing—as needed— pre-training guidance, on-site training, and post-training technical assistance; and
- Evaluate IPM in the participating housing communities and gather the data needed to assess a return on investment (ROI) of the Center's efforts.



StopPests in Housing Program

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Getting StopPests involved

1. E-mail StopPests@cornell.edu
2. Name a pilot site and IPM coordinator
3. Work with StopPests on realistic goals
4. Meet minimum requirements
5. Hold an on-site IPM in Multifamily Housing Training
6. Continue to work with StopPests



IPM resources

HUD Notices

- PIH 2011-22: Promotion of Integrated Pest Management (IPM)
- Notice H 2012-5/PIH 2012-17: Guidelines on Bed Bug Control

Websites

- StopPests in Housing Program www.stoppests.org
- The National Center for Healthy Housing: www.nchh.org
- NH OneTouch: www.dhhs.state.nh.us/dphs/bchs/clpp/documents/hhonetouchform.pdf
- The National Pesticide Information Center: www.npic.orst.edu

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