



Healthy Communities

Green solutions for safe
environments

The 30th National Pesticide Forum

New Haven, CT ■ March 30-31, 2012

Yale University School of Forestry and Environmental Studies

convened by

Beyond Pesticides, Environment and Human Health, Inc., and Watershed Partnership

Co-sponsored by

Audubon Connecticut, CATA (Farmworker Support Committee), Citizens Campaign for the Environment, Common Ground, Connecticut Northeast Organic Farming Association, Ecological Health Association, Grassroots Environmental Education, Green Decade/Newton, GreenCape, Hartford Food System, LEAH Collective, Northeast Organic Farming Association Massachusetts Chapter, Northern New Jersey Safe Yards Alliance, Rivers Alliance of Connecticut, SafeLawns Foundation, Sierra Club-Connecticut Chapter, Toxics Action Center, and Yale Student Environmental Coalition

Healthy Communities

The 30th National Pesticide Forum

Yale University ■ New Haven, CT ■ March 30-31, 2012

A Chronological Summary of the Program

Friday, March 30

1:00 - 4:00pm	Organic Urban Farms and Landscapes Tour
5:30 - 6:45pm	Registration
5:30 - 6:30pm	Pesticides 101
6:00 - 10:30pm	Welcome and Keynote
6:00 - 7:00pm	Reception
7:00 - 7:30pm	Welcome
7:30 - 8:30pm	Keynote Speaker: Sandra Steingraber, PhD
8:30 - 10:00pm	Reception and book signing

Saturday, March 31

8:00 - 8:30am	Continental Breakfast and Registration
8:30 - 9:00am	Welcome
9:00 - 9:30am	Keynote: John Wargo, PhD
9:30 - 10:45am	Health and Science Panel
10:45 - 11:00am	Break (<i>move to workshops</i>)
11:00am - 12:30pm	Workshop Block I
	Pesticides and Health: In-depth discussion ■ Genetic Engineering ■ Local Action to Protect Health and the Environment ■ Protecting the Watershed
12:30 - 2:30pm	Lunch and Keynotes
	12:30 - 1:15pm Lunch served
	1:15 - 1:45pm Plenary Speaker: Curt Spalding
	1:45 - 2:15pm Plenary Speaker: Dave Hackenberg
2:30 - 3:45pm	Organic Lawns and Landscapes Panel
3:45 - 4:00pm	Break (<i>move to workshops</i>)
4:00 - 5:30pm	Workshop Block II
	Protecting Pollinators: Beekeeping and beyond ■ Creating Healthy Indoor Environments ■ Organic Lawn and Landscape Policies ■ Fair, Local, Organic Food
5:30 - 7:00pm	Dinner
7:00 - 10:30pm	Plenary, Keynote and Reception
	7:00 - 7:20pm Plenary Speaker: Martha Page
	7:30 - 8:30pm Keynote Speaker: Gary Hirshberg
	8:30 - 10:00pm Reception and book signing

This is a fragrance-free event. No scented body products, please.

Healthy Communities: Green solutions for safe environments

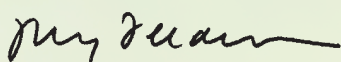
Call to the Conference

We live in a period of growing environmental awareness and change. Communities increasingly recognize the importance of their role and responsibility to step into the breach on questions of community toxic chemical use and exposure and ask what can be done to better protect the health of children, residents, workers, the watershed, wildlife, and the larger environment. The question inevitably gets to a discussion of toxic chemical essentiality – “Do we need the toxic chemical whose uses can be replaced by changing practices and inputs (or products)?” Connecticut communities and state law have been on the leading edge of this community-based movement with local jurisdictions embracing organic land management strategies, a burgeoning organic food production and consumer movement, and state law to remove hazardous pesticides from school turf and playing fields. Meanwhile, we are seeing push back nationally, and pro-pesticide interests are seeking to overturn Connecticut’s school law and maintain a prohibition on local authority to restrict community-wide pesticide use.

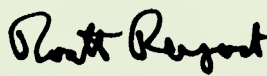
Efforts to replace pesticides with non-toxic strategies are built on a foundation of understanding that we can do better when it comes to the regulation of toxic chemicals. Increasingly, community debate uncovers the limitation of risk-based environmental laws and calls for a precautionary approach that embraces an alternatives assessment of ‘green’ strategies. We learn that organic practices serve as a model for ending pesticide dependency in land and building management with a focus on systems that build in preventive measures (i) by nurturing and utilizing the ecosystem benefits that contribute to healthy soil and plants, and (ii) with exclusion techniques that keep unwanted organisms out of buildings. In both settings, allowable non-toxic products are utilized only as a part of systems that give priority to management practices.

Independent scientific studies in larger numbers support the urgent need to transition from pesticide dependency. The uncertainty of risk calculations, untested health and environmental endpoints, chemical mixtures, and regulatory information gaps leads to hazard recognition long after the damage has been done. The disappearance of honey bees through colony collapse disorder continues to signal the need for a precautionary standard to shift away from systemic pesticides that express themselves in pollen, nectar, and plant tissue. The lack of attention to biodiversity in synthetic chemical-based management strategies that kill the soil food web leads to a cycle of chemical dependency. The promise of genetically modified organisms has faded due to increased pesticide use and insect resistance, and the drifting of engineered genetic traits far from fields planted with the technology. Those who work in agriculture and those exposed to toxic pesticides suffer elevated rates of chronic diseases.

We join together for *Healthy Communities*, the 30th National Pesticide Forum, to discuss the science, policies, and practices that inform us as we advocate for a sustainable future. We do this to advance a climate of collaboration toward practical solutions that are good for the economy, the environment, and health. *Thanks for joining us at the Forum.*



Jay Feldman
Executive Director, Beyond Pesticides



Roult Reigart, MD
Board President, Beyond Pesticides

Healthy Communities

The 30th National Pesticide Forum

Yale University ■ New Haven, CT ■ March 30-31, 2012

Schedule of Events

Friday, March 30

1:00 - 4:00pm

[FIRST PICK-UP AT
COURTYARD HOTEL,
SECOND PICK-UP AT
KROON HALL]

■ Organic Urban Farms and Landscapes Tour

Shannon Raider, farm manager and director of agricultural programs, Common Ground, New Haven, CT

Alex Palluzzi, director, Parks and Recreation Department, Branford, CT

Jerry Silbert, MD, executive director, Watershed Partnership, Guilford, CT

Jacqueline Lewin, outreach coordinator, Yale Sustainable Food Project, New Haven, CT

5:30 - 6:45pm

[ENVIROMENTAL CENTER]

Registration

5:30 - 6:30pm

[BURKE AUDITORIUM]

■ Pesticides 101

Caroline Cox, Beyond Pesticides board member; research director, Center for Environmental Health, Oakland, CA

Bill Duesing, executive director, CT Northeast Organic Farming Association (NOFA), Stevenson, CT

Nelson Carrasquillo, general coordinator, CATA (Farmworkers Support Committee), Glassboro, NJ

6:00 - 6:45pm

[ENVIROMENTAL CENTER]

Reception

7:00 - 7:30pm

[BURKE AUDITORIUM]

■ Welcome

Routt Reigart, MD, president, Beyond Pesticides board president; professor of pediatrics, Medical University of South Carolina, Charleston, SC

Gordon Geballe, PhD, associate dean, Yale School of Forestry and Environmental Studies, New Haven, CT

Nancy Alderman, president, Environment and Human Health, Inc., North Haven, CT

8:15 - 9:00pm

[BURKE AUDITORIUM]

■ Keynote: The Intersection between Human Rights and Environment

Sandra Steingraber, PhD, author and scholar in residence, Ithaca College, Ithaca, NY

9:00 - 10:30pm

[ENVIROMENTAL CENTER]

Reception and book signing

Saturday, March 31

8:00 - 8:30am

[ENVIROMENTAL CENTER]

Continental Breakfast

8:30 - 9:00am

[BURKE AUDITORIUM]

■ Welcome

Jay Feldman, executive director, *Beyond Pesticides*, Washington, DC

Jerry Silbert, MD, executive director, *Watershed Partnership*, Guilford, CT

9:00 - 9:30am

[BURKE AUDITORIUM]

■ Keynote: Essential Lessons from Pesticide History

John Wargo, PhD, *Tweedy-Ordway professor in environmental health and politics*, Yale University, New Haven, CT

Jay Feldman, moderator, executive director, *Beyond Pesticides*, Washington, DC

9:30 - 10:45am

[BURKE AUDITORIUM]

■ Health and Science Panel

Routt Reigart, MD, moderator, *Beyond Pesticides* board president; professor of pediatrics, Medical University of South Carolina, Charleston, SC

Andrea Kidd Taylor, DrPH, *Beyond Pesticides* board member; assistant professor, Morgan State University School of Public Health and Policy, Baltimore, MD

Julia Brody, PhD, executive director, *Silent Spring Institute*, Newton, MA

Allison Aiello, PhD, associate professor of epidemiology, University of Michigan School of Public Health, Ann Arbor, MI

Christian Krupke, PhD, associate professor of entomology, Purdue University, West Lafayette, IN

10:45 - 11:00am

Short break, please move to workshops

Workshops will be held in the Burke Auditorium and classrooms 319 and 321, located on the third floor of Kroon Hall, and classroom G-01, located on the ground floor (one level below the first floor).

Please move to workshops quickly as sessions will begin promptly at 11:00 am.

Saturday, March 31 *continued*

11:00am - 12:30pm ■ Workshops I

1) Pesticides and Health: An In-Depth Discussion

[BURKE AUDITORIUM]

Warren Porter, PhD, *Beyond Pesticides* board member; professor of zoology, University of Wisconsin at Madison, WI

Routt Reigart, MD, *Beyond Pesticides* board president; professor of pediatrics, Medical University of South Carolina, Charleston, SC

Andrea Kidd Taylor, DrPH, *Beyond Pesticides* board member; assistant professor, Morgan State University School of Public Health and Policy, Baltimore, MD

Julia Brody, PhD, executive director, Silent Spring Institute, Newton, MA

Allison Aiello, PhD, associate professor of epidemiology, University of Michigan School of Public Health, Ann Arbor, MI

Caroline Cox, moderator, *Beyond Pesticides* board member; research director, Center for Environmental Health, Oakland, CA

■ Continuing the Health Panel, an expert in low dose effects and chemical mixtures joins this discussion session.

3) Genetically Engineered Food

[CLASSROOM 319]

Jack Kittredge, policy director, Northeast Organic Farming Association: Massachusetts Chapter, Barre, MA

Bill Freese, science policy analyst, Center for Food Safety, Washington, DC

Paula Dinerstein, *Beyond Pesticides* board member; senior counsel, Public Employees for Environmental Responsibility (PEER), Washington, DC

Terry Shistar, PhD, moderator, *Beyond Pesticides* board member, Lawrence, KS

■ As genetically engineered (GE) crops explode on to the market, with the USDA eager to deregulate, consumers and farmers adopt strategies to curtail use.

2) Protecting the Watershed

[CLASSROOM 320]

Gary Robbins, PhD, professor of geology, University of Connecticut, Storrs, CT

Jerry Silbert, MD, executive director, Watershed Partnership, Guilford, CT

Margaret Miner, executive director, Rivers Alliance of Connecticut, Litchfield, CT

Nichelle Harriott, moderator, research associate, *Beyond Pesticides*,

Washington, DC

■ Studies show nearly all surface water and groundwater contain pesticides at detectable levels in Connecticut, the Northeast and around the country. Agricultural and lawn and garden pesticides and fertilizers contaminate our water supply and impact aquatic environments. Discuss what's contaminating our water and what we can do to protect it.

4) Local Action to Protect the Environment

[CLASSROOM G-01]

Nancy Alderman, president, Environment and Human Health, Inc., North Haven, CT

Senator Edward Meyer, Connecticut State Senator, Hartford, CT

Jay Feldman, executive director, *Beyond Pesticides*, Washington, DC

Martin Mador, moderator, legislative and political chair, Sierra Club, Connecticut Chapter, Hartford, CT

■ Connecticut has seen much success in eliminating toxic pesticide use on municipal property. However, because of "preemption laws," communities are blocked from restricting pesticide use on private property, leaving municipalities unable to protect their residents from the adverse effects of pesticide runoff and drift. Legislation (Bill 5121) has recently been introduced in the General Assembly to overturn this law.

Saturday, March 31 *continued*

12:30 - 2:30pm

[BURKE AUDITORIUM]

■ **Lunch and Plenary Speakers**

Lunch will be served at 12:30 pm. Please pick up your lunch in the Environmental Center and return to Burke Auditorium before the plenary speakers begin at 1:15 pm.

Jay Feldman, moderator, executive director, *Beyond Pesticides*, Washington, DC

Working Effectively with EPA

Curt Spalding, *New England Regional Administrator*, Environmental Protection Agency, Boston, MA

Poisoning of the Bees: Messengers for a healthy environment

David Hackenberg, owner and beekeeper, *Hackenberg Apiaries*, Lewisburg, PA

2:30 - 3:45pm

[BURKE AUDITORIUM]

■ **Organic Lawns and Landscapes Panel**

Warren Porter, PhD, *Beyond Pesticides* board member; professor of zoology, University of Wisconsin at Madison, WI

Chip Osborne, *Beyond Pesticides* board member; president, *Osborne Organics*, Marblehead, MA

Carol DiSalvo, integrated pest management coordinator, National Park Service, Washington, DC

Patti Wood, executive director, *Grassroots Environmental Education*, Port Washington, NY

Nancy Alderman, president, *Environment and Human Health, Inc.*, North Haven, CT

Jerry Silbert, MD, moderator, executive director, *Watershed Partnership*, Guilford, CT

3:45 - 4:00pm

Short break, please move to workshops

Workshops will be held in the Burke Auditorium and classrooms 319 and 321, located on the third floor of Kroon Hall, and classroom G-01, located on the ground floor (one level below the first floor).

Please move to workshops quickly as sessions will begin promptly at 4:00pm.

Saturday, March 31 *continued*

4:00 - 5:30pm ■ Workshops II

1) Passing Organic Landcare Policies

[BURKE AUDITORIUM]

Sarah Little, PhD, *toxics use reduction consultant, editor, NOFA Standards for Organic Land Care, Wellesley, MA*

Sue Phelan, *director, GreenCAPE, West Barnstable, MA*

Suzanne Aptman, *director, Northern New Jersey Safe Yards Alliance, Montclair, NJ*

Jeffrey Cordulack, *communications manager, Audubon Connecticut, Greenwich, CT*

Paul Tukey, *founder and spokesman, SafeLawns Foundation, Falmouth, ME*

Sylvia Broude, *organizing director, Toxics Action Center, Boston, MA*

Chip Osborne, *moderator, Beyond Pesticides board member; president, Osborne Organics, Marblehead, MA*

■ Discuss strategies for adopting pesticide-free landcare policies with organizers working in the trenches.

3) Fair, Local, Organic Food

[CLASSROOM 320]

Nelson Carrasquillo, *general coordinator, CATA (Farmworkers Support Committee), Glassboro, NJ*

Bill Duesing, *executive director, CT Northeast Organic Farming Association (NOFA), Stevenson, CT*

Rodger Phillips, *urban farmer, Hartford Food System, Hartford, CT*

Martha Page, *executive director, Hartford Food System, Hartford, CT*

Vanessa Lamers, *community outreach chair, Slow Food Shoreline, New Haven, CT*

Stephanie Davio, *moderator, public education associate, Beyond Pesticides, Washington, DC*

■ Discuss the impact of food choices on our environment and those who grow and harvest what we eat.

2) Creating Healthy Indoor Environments

[CLASSROOM 319]

Matt Wallach, *IPM project director, Beyond Pesticides/Maryland Pesticide Network, Baltimore, MD*

Pat Hynes, *retired professor of environmental health, Boston University, Boston, MA*

Aisha Morris, PhD, *congressional geoscience fellow, Office of U.S. Rep. Rush Holt, Washington, DC*

Robina Suwol, *moderator, Beyond Pesticides board member; executive director, California Safe Schools, Los Angeles, CA*

■ Pesticides are toxic and inefficient. Learn about innovative programs to eliminate toxic pesticide use in hospitals, public housing, and schools, and efforts to pass federal legislation for schools.

4) Protecting Pollinators: Beekeeping and beyond

[CLASSROOM G-01]

David Hackenberg, *owner and beekeeper, Hackenberg Apiaries, Lewisburg, PA*

Christian Krupke, PhD, *associate professor of entomology, Purdue University, West Lafayette, IN*

Ted Jones, *president, CT Beekeepers Assn., Jones Apiaries, Farmington, CT*

Becky Jones, *treasurer, CT Beekeepers Assn., Jones Apiaries, Farmington, CT*

Robert Deschak, *core member, New York City Beekeepers Association, New York, NY*

Peter Jenkins, *attorney, Center for Food Safety, Washington, DC*

Mark Keating, *moderator, senior scientist, Beyond Pesticides, Washington, DC*

■ Learn more about the opportunities and challenges of beekeeping from commercial and urban beekeepers. See bees working up close in a demonstration hive.

Saturday, March 31 *continued*

5:30 - 7:00pm

[ENVIROMENTAL CENTER]

Dinner

7:00 - 8:30pm

[BURKE AUDITORIUM]

■ **Organic Plenary and Keynote**

Lorna Donaldson, moderator, *Beyond Pesticides* board member; owner, Donaldson Farms, Tiptonville, TN

Organic Food Security

Martha Page, executive director, Hartford Food System, Hartford, CT

Keynote: Inventing the Future of Food

Gary Hirshberg, chairman and co-founder, Stonyfield Farm, Londonderry, VT

8:00 - 10:30pm

[ENVIROMENTAL CENTER]

Reception and book signing

Authors will be signing books at the registration table.

Thank You!

Beyond Pesticides would like to thank the organizations that helped make this event possible:

Yale School of Forestry and Environmental Studies,
Environment and Human Health, Inc., Watershed Partnership,
Audubon Connecticut, CATA (Farmworker Support Committee),
Citizens Campaign for the Environment, Common Ground,
Connecticut Northeast Organic Farming Association,
Ecological Health Association, Grassroots Environmental Education,
Green Decade/Newton, GreenCape, Hartford Food System, LEAH Collective,
Northeast Organic Farming Association Massachusetts Chapter,
Northern New Jersey Safe Yards Alliance, Rivers Alliance of Connecticut,
SafeLawns Foundation, Sierra Club-Connecticut Chapter, Toxics Action Center,
and Yale Student Environmental Coalition

Also, a very special thank you to:

Major Supporters: Dr. Bronner's Magic Soaps, Frey Vineyards, NaturaLawn of America, Organic Valley, Stonyfield Farms, and Tabard Inn;
Supporters: Earthbound Farm; **Contributors and Donors:** Bio-Logical Pest Management, Go Organic LLC, and Tech Terra Environmental

BEYOND PESTICIDES, founded in 1981 as the National Coalition Against the Misuse of Pesticides, works with allies for a future free of hazardous pesticides and collaborates with grassroots people and organizations to educate the public on pesticide hazards and promote non-toxic alternatives. The founders felt that without the existence of such an organized, national network, local, state and national pesticide policy would become, under chemical industry pressure, increasingly unresponsive to public health and environmental concerns.

Beyond Pesticides provides useful information on pesticides and alternatives to their use, topics also covered in Beyond Pesticides' quarterly news magazine, *Pesticides and You*, *Daily News blog*, and, the electronic bi-monthly bulletin, *School Pesticide Monitor*. The organization also publishes a wide variety of brochures, information packets, and reports.

Beyond Pesticides believes that people must have a voice in decisions that affect them directly. To assist in this effort Beyond Pesticides maintains several online database resources, including the *Gateway on Pesticide Hazards and Safe Pest Management*, *Pesticide-Induced Diseases Database*, and *Eating with a Conscience*. Beyond Pesticides' staff and board serve as a resource for communities nationwide.

Beyond Pesticides Board of Directors: *Roult Reigart, MD* (President), Medical University of South Carolina, Charleston, SC; *Lani Malmberg* (Vice-President), Ewe4ic Ecological Services, Inc., Cheyenne, WY; *Terry Shistar, PhD* (Secretary), Lawrence, KS; *Caroline Cox* (Treasurer), Center for Environmental Health, Oakland, CA; *Chip Osborne* (At-Large), Osborne Organics, Marblehead, MA; *Paula Dinerstein*, Public Employees for Environmental Responsibility, Washington, DC; *Lorna Donaldson*, Silvertop Institute, Tiptonville, TN; *Jay Feldman*, Beyond Pesticides, Washington, DC; *Warren Porter, PhD*, University of Wisconsin, Madison, WI; *Brett Ramey*, Center for American Indian Community Health at the University of Kansas Medical Center, Kansas City, KS; *Tom Smith*, National Senior Citizens Law Center, Washington, DC; *Robina Suwol*, California Safe Schools, Toluca Lake, CA; *Andrea Kidd Taylor, DrPH*, Morgan State University, Baltimore, MD.

Beyond Pesticides Staff: *Jay Feldman*, executive director; *John Kepner*, project director; *Mark Keating*, senior scientist; *Matt Wallach*, IPM Project Director; *Stephanie Davio*, public education associate; *Nichelle Harriott*, research associate; *Chris Ryan*, program associate.



BEYOND PESTICIDES

701 E Street, SE ■ Washington DC 20003
202-543-5450 phone ■ 202-543-4791 fax
info@beyondpesticides.org ■ www.beyondpesticides.org