

# Sustainable Families, Farms and Food

Resilient communities through  
organic practices



31<sup>st</sup> National Pesticide Forum

University of New Mexico  
Albuquerque, NM ■ April 5-6, 2013

Convened by



Co-sponsored by

Agri-Cultura Network, Amigos Bravos, Cuatro Puertas, Farm to Table, Food and Water Watch NM, Holistic Management International, Mid-Region Council of Governments Agriculture Collaborative (MRCOG), New Mexico Department of Agriculture's Organic Program, Our Endangered Aquifer Working Group, ProgressNow New Mexico, Santa Fe Farmers Market Institute, Sierra Club Rio Grande Chapter, Skarsgard Farms, and South Valley Economic Development Center (SVEDC)

# Sustainable Families, Farms and Food

## The 31<sup>st</sup> National Pesticide Forum

University of New Mexico ■ Albuquerque, NM ■ April 5-6, 2013

### A Chronological Summary of the Program

#### Friday, April 5

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|                |  |
|----------------|--|
| 12:30 - 4:30pm | <b>Food Hub and Organic Gardens Tour</b>   |
| 5:00 - 6:00pm  | Registration   |
| 5:00 - 6:00pm  | <b>Pesticides 101</b>  |
| 6:00 - 10:30pm | <b>Welcome and Keynote</b>   |
| 6:00 - 6:45pm  | Reception  |
| 6:45 - 7:00pm  | Welcome  |
| 7:00 - 8:30pm  | <b>Performance: A Sense of Wonder</b>  |
| 8:30 - 9:30pm  | <b>Keynote Panel: Don Bustos, Clayton Brascoupe, Loretta Sandoval, and Arturo Sandoval</b> |
| 9:30 - 10:30pm | Reception  |

#### Saturday, April 6

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|                   |  |
|-------------------|--|
| 8:00 - 8:30am     | Continental Breakfast and Registration   |
| 8:30 - 8:45am     | Welcome  |
| 8:45 - 9:30am     | <b>Keynote: Andrew Kimbrell</b>  |
| 9:30 - 10:15am    | <b>Keynote: Joel Forman, MD</b>  |
| 10:15 - 11:00am   | <b>Health and Science Panel</b>  |
| 11:00 - 11:15am   | Break ( <i>move to workshops</i> )   |
| 11:15am - 12:45pm | <b>Workshop Block I</b>  |
|                   | Pesticides and Health: In-depth discussion ■ Genetic Engineering<br>■ Foodshed Movement and the New Agrarians ■ Protecting<br>Cultural Food Security and Biodiversity          |
| 12:45 - 2:30pm    | <b>Lunch and Keynote</b>   |
|                   | 12:45 - 1:30pm Lunch served  |
|                   | 1:15 - 1:30pm <b>The Honorable Michelle Lujan Grisham</b>  |
|                   | 1:30 - 2:15pm <b>Keynote: Tyrone Hayes</b>   |
| 2:30 - 3:45pm     | <b>Organic Land Management and Cutting Edge Alternatives</b>   |
| 3:45 - 4:00pm     | Break ( <i>move to workshops</i> )   |
| 4:00 - 5:30pm     | <b>Workshop Block II</b>   |
|                   | Organic Land Management and Cutting Edge Alternatives: In-depth<br>discussion ■ Pollinators and Pesticides ■ Agua es Vida, Water in<br>the Southwest ■ Resilience Planning 101 |
| 5:30 - 7:00pm     | Dinner   |
| 7:00 - 10:30pm    | <b>Plenary, Keynote and Reception</b>  |
|                   | 7:00 - 7:45pm <b>Keynote Speaker: Jeff Moyer</b>   |
|                   | 7:45 - 8:30pm <b>Panel: Kara Bobroff, Richard Moore and Courtney White</b>   |
|                   | 8:30 - 9:00pm Discussion   |
|                   | 9:00 - 10:30pm Reception   |

***Sustainable Families, Farms and Food***  
***Resilient Communities through Organic Practices***  
**Call to the Conference**

It is significant that we begin this conference with a performance about Rachel Carson and protection of the earth – *A Sense of Wonder*. Her landmark book, *Silent Spring*, published in 1962 –just over 50 years ago, provides us with guiding principles and an affirmation of core environmental values, rooted in scientific understanding of biological systems, that are central to the sustainability of our environment and our very existence. We come together to build on those values with sustainable practices in communities and a nation that are threatened by environmental and public health hazards associated with toxic chemical use, their contamination of air, water, land, and food, and their contribution to global climate change.

This conference brings together many of the best minds to address the latest science, discuss policies and practices that nurture health and the environment, to share practical information on how we effect a true transformation in managing our land and buildings. While the problem is not new, we live in a period where for the first time in the chemical age we see that organic land management practices are effective, and compete with chemical-intensive methods in their productivity and profitability. Whether in agriculture, turf and rangeland management, or urban spaces, there are success stories in the southwest, the west, and nationwide that serve as a guide for the transition to resilient, toxic-free communities.

In *Silent Spring*, Ms. Carson writes, “[T]he method of massive chemical control has had only limited success and also threatens to worsen the very conditions it is intended to curb.” This truth has been repeatedly affirmed throughout our history as chemical-intensive practices have created insect and weed resistance, advancing the chemical treadmill of increasing dependency on more and more potent formulations that bring with them unique health and environmental threats. New scientific understandings are emerging and toxic chemical exposures are linked to impacts on children’s health, behavioral effects and learning disabilities, reproductive failures, and increasing numbers of public health diseases associated with endocrine disruption.

The nation’s organic law, under the *Organic Foods Production Act*, supports farmers, land managers, and consumers in continuously improving management and governance decisions as we seek to develop new approaches that recommit us to sustainable practices. In so doing, the underlying standards of the national organic rule advance practices that “maintain or improve soil organic matter content in a manner that does not contribute to contamination of crops, soil, or water by plant nutrients, pathogenic organisms, heavy metals, or residues of prohibited substances.” We apply this concept by not just maintaining, but improving or regenerating the ecosystem in which we live.

The organic solutions are just as real as the environmental and health problems they seek to reverse. This conference is intended to provide us with the latest science to use as tools in seeking to elevate our advocacy, practices, and support of sustainable strategies that are critical to sustaining life. Thanks for joining us!



**Jay Feldman**  
Executive Director, Beyond Pesticides



**Routt Reigart, MD**  
Board President, Beyond Pesticides

# Sustainable Families, Farms and Food

## The 31<sup>st</sup> National Pesticide Forum

University of New Mexico ■ Albuquerque, NM ■ April 5-6, 2013

### Schedule of Events

#### Friday, April 5

##### 12:30 - 4:30pm

[FIRST PICK-UP AT UNM,  
SECOND PICK-UP AT  
HOTEL ANDALUZ]

■ **Organic Urban Farms and Landscapes Tour**  
**Food Hub Fun for Local Flavor: Healthy Food, Healthy Communities, Healthy Economy.** *This year, Beyond Pesticides takes you on a whirlwind tour of a New Mexican food hub. We begin with a visit to the farms of the Agri-Cultura Network, followed by a stop at the South Valley Economic Development Center. We'll make a brief stop at the Veteran Farmer Project at the Alvarado Urban Farm downtown. We'll finish the tour with a visit to the La Montanita Co-op Distribution Center.*

##### 5:00 - 6:00pm

[CENTENNIAL AUDITORIUM]

#### Registration

##### 5:00 - 6:00pm

[CENTENNIAL AUDITORIUM]

#### ■ Pesticides 101

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

##### 6:00 - 6:45pm

[STAMM COMMONS]

#### Reception

##### 6:45 - 7:00pm

[CENTENNIAL AUDITORIUM]

#### ■ Welcome

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

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

**Bruce Milne, PhD**, *director, Sustainability Studies Program, University of New Mexico, Albuquerque, NM*

##### 7:00 - 8:30pm

[CENTENNIAL AUDITORIUM]

#### ■ Performance: A Sense of Wonder

**Kaiulani Lee**, *writer, producer and actress, A Sense of Wonder*

##### 8:30 - 9:30pm

[CENTENNIAL AUDITORIUM]

#### ■ Keynote Panel

**Robin Seydel**, *moderator, membership coordinator, La Montanita Co-op, Albuquerque, NM*

**Don Bustos**, *IATP Community Fellow; program director, American Friends Service Committee-New Mexico, Albuquerque, NM*

**Loretta Sandoval**, *owner, Zulu's Petals Organic Farm, Dixon, NM*

**Clayton Brascoupe**, *program director, Traditional Native American Farmers Association (TNAFA), Santa Fe, NM*

**Arturo Sandoval**, *founder and president, Center for Southwest Culture, Inc., Albuquerque, NM*

##### 9:30 - 10:30pm

[STAMM COMMONS]

#### Reception



## Saturday, April 6

**8:00 - 8:30am**

[SUB LOBBY]

### Continental Breakfast

**8:30 - 8:45am**

[SUB BALLROOM C]

### ■ Welcome

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

**8:45 - 10:15am**

[SUB BALLROOM C]

### ■ Keynotes

### ■ Challenges and Opportunities for a Sustainable Food Future

**Andrew Kimbrell**, executive director, *Center for Food Safety*, Washington, DC

### ■ Environmental Health: Protecting our Future

**Joel Forman, MD**, associate professor of pediatrics and community and preventive medicine, *Mt. Sinai Hospital*, New York, NY

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

**10:15 - 11:00am**

[SUB BALLROOM C]

### ■ Health and Science Panel

**Isaac Pessah, PhD**, professor and chair, *Department of Molecular Biosciences*; director, *Center for Children's Environmental Health*, *University of California, Davis*

**Lynn Carroll, PhD**, senior scientist, *The Endocrine Disruption Exchange (TEDX)*, Paonia, CO

**Warren Porter, PhD**, moderator, *Beyond Pesticides* board member; professor of zoology and environmental toxicology, *University of Wisconsin*, Madison

**11:00 - 11:15am**

### Short break, please move to workshops

Workshops will be held in the breakout rooms Santa Ana A, Santa Ana B, Acoma and Lobo on the upper level of the Student Union Building.

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

## Saturday, April 6 *continued*

11:15am - 12:45pm ■ Workshops I

### 1) Pesticides and Health: An In-Depth Discussion

[SUB ACOMA]

**Joel Forman, MD**, associate professor of pediatrics and community and preventive medicine, Mt. Sinai Hospital, New York, NY

**Isaac Pessah, PhD**, professor and chair, Department of Molecular Biosciences; director, Center for Children's Environmental Health, University of California, Davis

**Lynn Carroll, PhD**, senior scientist, The Endocrine Disruption Exchange (TEDX), Paonia, CO

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

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

■ Continuing the Health Panel, learn more about the cutting edge science that is examining the effects of pesticides on public health, particularly children, even at low levels of exposure. Connect with scientists and experts for an in-depth discussion on their latest research.

### 3) Genetically Engineered Food

[SUB LOBO]

**Isaura Andaluz**, executive director, Cuatro Puertas, Albuquerque, NM

**Eleanor Bravo**, New Mexico organizer, Food and Water Watch, Albuquerque, NM

**Andrew Kimbrell**, executive director, Center for Food Safety, Washington, DC

**Robin Seydel**, moderator, La Montanita Co-op, Albuquerque, NM

■ As the emergent GE labeling movement challenges industrial agriculture, USDA continues to deregulate GE crops. Discuss ways to effect outcomes for consumer choice and farmer protection at the regional and national level.

### 2) Protecting Cultural Food Security and Biodiversity

[SUB SANTA ANA A]

**Clayton Brascoupe**, program director, Traditional Native American Farmers Association (TNAFA), Santa Fe, NM

**Arturo Sandoval**, president, Center for Southwest Culture, Inc., Albuquerque, NM

**Paula Garcia**, executive director, New Mexico Acequia Association, Santa Fe, NM

**Richard Brandt**, manager, Dragon Farm, South Valley Academy, Albuquerque, NM

**Tawyna Laveta**, moderator, program director, Farm to Table NM, Santa Fe, NM

■ Food and culture are indelibly linked both to each other and to the biodiversity of any given region. Discuss approaches that balance the needs of all organisms that share the earth in facing environmental challenges.

### 4) Foodshed Movement and the New Agrarians

[SUB SANTA ANA B]

**Travis McKenzie**, garden coordinator, Project Feed the Hood, Southwest Organizing Project, Albuquerque, NM

**Avery Anderson**, executive director, Quivira Coalition, Santa Fe, NM

**Amanda Rich**, education and outreach coordinator, Erda Gardens, Albuquerque, NM

**Crystiana Baca-Bosiljevack**, graduate student, University of New Mexico, Albuquerque, NM

**Sara Wentzel-Fisher**, moderator, editor, Edible Santa Fe; assistant membership coordinator, La Montanita Co-op, Albuquerque, NM

■ How do we foster greater self-reliance in our local food system? Join a discussion about the new generation of farmers and consumers rising up to fill the cultural and ecological gaps absent in conventional agriculture.

## Saturday, April 6 *continued*

**12:45 - 2:15pm**

[SUB BALLROOM C]

### ■ **Lunch and Keynote**

*Lunch will be served at 12:45pm. Please pick up your lunch before the plenary speakers begin at 1:15pm.*

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

### ■ **A View from Congress**

**The Honorable Michelle Lujan Grisham**, 1<sup>st</sup> District New Mexico, U.S. House of Representatives, Washington, DC

### ■ **Protecting Life: From Research to Regulation**

**Tyrone Hayes, PhD**, professor and research scientist, University of California, Berkeley

**2:15 - 2:30pm**

**Room Change, please move to Ballroom A**

**2:30 - 3:45pm**

[SUB BALLROOM A]

### ■ **Organic Land Management and Cutting Edge Alternatives Panel**

**Lani Malmberg**, *Beyond Pesticides* board member; owner, Ewe4ic Ecological Services, Cheyenne, WY

**Matthew Chew**, assistant research professor, Arizona State University, Tempe, AZ

**Ann Adams**, director of community services, Holistic Management International, Albuquerque, NM

**John McMullin**, owner, Embudo Organic Turkey Farm, Embudo, NM

**Joran Viers**, moderator, county program director, Bernalillo County Cooperative Extension Service Office, New Mexico State University, Albuquerque, NM

**3:45 - 4:00pm**

**Short break, please move to workshops**

*Workshops will be held in the breakout rooms Santa Ana A, Santa Ana B, Acoma and Trailblazer on the upper level of the Student Union Building.*

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

## Saturday, April 6 *continued*

4:00 - 5:30pm ■ Workshops II

### 1) Organic Land Management and Cutting Edge Alternatives

[SUB ACOMA]

**Lani Malmberg**, *Beyond Pesticides* board member; owner, Ewe4ic Ecological Services, Cheyenne, WY

**Matthew Chew**, assistant research professor, Arizona State University, Tempe, AZ

**Ann Adams**, director of community services, Holistic Management International, Albuquerque, NM

**John McMullin**, owner, Embudo Organic Turkey Farm, Embudo, NM

**Joran Viers**, moderator, county program director, Bernalillo County Cooperative Extension Service Office, New Mexico State University, Albuquerque, NM

■ Continuing the Organic Panel, join together with the experts for a detailed discussion.

### 3) Resilience Planning 101

[SUB SANTA ANA A]

**Bruce Milne, PhD**, director, Sustainability Studies Program, University of New Mexico, Albuquerque, NM

**Nelson Carrasquillo**, *Beyond Pesticides* board member; general coordinator, Farmworkers Support Committee (CATA), Glassboro, NJ

**Mike Smolen, PhD**, Paonia, CO

**Kara Bobroff**, founding principal, Native American Community Academy, Albuquerque, NM

**Jessica Rowland**, moderator, lecturer and education coordinator, Sustainability Studies Program, University of New Mexico, Albuquerque, NM

■ Explore the ability of humans and ecosystems to develop resilience in a context of pesticide use, water shortages, and hazardous food production systems, with specific application to farmworker health and community mosquito management.

### 2) Pollinators and Pesticides

[SUB SANTA ANA B]

**Les Crowder**, organic beekeeper; author, *Top Bar Beekeeping*; president, New Mexico Beekeepers Association, Dixon, NM

**Loretta McGrath**, project director, Pollinator Partners, Farm to Table NM, Santa Fe, NM

**Andrew Kimbrell**, executive director, Center for Food Safety, Washington, DC

**Nichelle Harriott**, moderator, staff scientist, *Beyond Pesticides*, Washington, DC

■ Native pollinators and commercial honey bee hives, increasingly threatened by pesticide exposure, will be the focus of this workshop in the context of what is known and uncertain, regulatory issues, advocacy and beekeeping practices.

### 4) Agua es Vida, Water in the Southwest

[SUB TRAILBLAZER]

**John Olivas**, chairman, Mora County Commissioner; owner and operator, JACO Outfitters, LLC; traditional community organizer, New Mexico Wilderness Alliance, Mora, NM

**Janet Greenwald**, volunteer coordinator, Citizens for Alternatives to Radioactive Dumping; facilitator, Our Endangered Aquifer Working Group, Albuquerque, NM

**Paul Robinson**, research director, Southwest Research and Info Center, Albuquerque, NM

**David Zaber**, emergency management coordinator, Wisconsin Department of Agriculture, Madison, WI

**Michael Jensen**, moderator, communications director, Amigos Bravos, Taos, NM

■ Protecting our water resources is the focus of this discussion, with real world examples of surface water diversions of water resources, the range of laws intended to protect health and the environment, and groundwater extraction for oil and gas exploration in NM.



## Saturday, April 6 *continued*

**5:30 - 7:00pm**

[STAMM COMMONS]

**Dinner**

*Building location change to Centennial Engineering*

**7:00 - 7:45pm**

[CENTENNIAL AUDITORIUM]

■ **An Organic Future: How We Apply What We Know**

*Jeff Moyer, farm director, Rodale Institute, Kutztown, PA*

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

**7:45 - 8:30pm**

[CENTENNIAL AUDITORIUM]

■ **Keynote Panel**

*Courtney White, founder and creative director, Quivira Coalition, Santa Fe, NM*

*Richard Moore, program director, Los Jardines Institute; senior advisor, Southwest Network for Environmental and Economic Justice, Albuquerque, NM*

*Kara Bobroff, founding principal, Native American Community Academy, Albuquerque, NM*

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

**8:30 - 9:00pm**

[CENTENNIAL AUDITORIUM]

■ **Closing Discussion**

**9:00 - 10:30pm**

[STAMM COMMONS]

**Reception**

# Thank You!

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

University of New Mexico Sustainability Studies Program, La Montanita Co-op, Agri-cultura Network, Amigos Bravos, Cuatro Puertas, Farm to Table, Food and Water Watch NM, Holistic Management International, Mid-Region Council of Governments Agriculture Collaborative, New Mexico Department of Agriculture's Organic Program, Our Endangered Aquifer Working Group, ProgressNow New Mexico, Santa Fe Farmers Market Institute, Sierra Club Rio Grande Chapter, Skarsgard Farms, South Valley Economic Development Center (SVEDC)

**Also, a very special thank you to:**

**Major Supporters:** Frey Vineyards, NaturaLawn of America, Organic Valley, National Cooperative Grocers Association, and Tabard Inn

**Supporters:** Dr. Bronner's Magic Soaps, Earthbound Farm, and Stoneyfield Farm

**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; *Nelson Carrasquillo*, Farmworkers Support Committee (CATA), Philadelphia, PA; *Paula Dinerstein*, Public Employees for Environmental Responsibility, Washington, DC; *Lorna Donaldson*, Donaldson Family Farms, Tiptonville, TN; *Jay Feldman*, Beyond Pesticides, Washington, DC; *Warren Porter, PhD*, University of Wisconsin, Madison, WI; *Brett Ramey*, University of Kansas Medical Center, Kansas City, KS; *Robina Suwol*, California Safe Schools, Toluca Lake, CA; *Andrea Kidd Taylor, DrPH*, Morgan State University, Baltimore, MD.

### **Beyond Pesticides Staff**

*Jay Feldman*, executive director; *Stephanie Davio*, forum coordinator; *Nichelle Harriott*, senior scientist; *Drew Toher*, public education associate; *Xoco Shinbrot*, program associate; *Matt Porter*, research fellow; *Matt Wallach*, IPM project director.



## **BEYOND PESTICIDES**

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