

## Pesticide Safety Education & Disease Diagnostic Highlights



### *Pesticide Safety Education:*

**Thia Walker** – Pesticide Coordinator  
970-491-6027 PI Sci Bldg C211A  
[cepep@ColoState.edu](mailto:cepep@ColoState.edu)

Interests include pesticide & worker safety education; IR-4 & minor use pesticide registration; and pest management  
[www.colostate.edu/Depts/SoilCrop/extension/CEPEP/](http://www.colostate.edu/Depts/SoilCrop/extension/CEPEP/)

### *Plant Disease Diagnostics:*

**Tamla Blunt** – Diagnostician  
970-491-6950 PI Sci Bldg E215  
[plantlab@lamar.colostate.edu](mailto:plantlab@lamar.colostate.edu)

**Ned Tisserat** – Plant Pathologist  
970-491-6527 PI Sci Bldg C137  
[Ned.Tisserat@ColoState.edu](mailto:Ned.Tisserat@ColoState.edu)

Interests include plant disease diagnostic clinic; Great Plains Diagnostic Network & Colorado IPM Coordinator; ornamental & turf pathology research & extension; co-director of the Center for Crop Biosecurity

<http://www.gpdn.org/DesktopDefault.aspx>

## CSU Cooperative Extension Pest Management Work Team



### **Co-Leaders:**

Howard Schwartz & Thaddeus Gourd

### **Team Members:**

BSPM Extension & Research Specialists

### **District Liaisons:**

Alan Helm, Mike Bartolo, Robert Hammon

### **Associate Members:**

Mike Bartolo, Bruce Bosley, Robert Cox, Karen Crumbaker, Rob Davidson, Bill Ekstrom, Samuel Essah, Assefa Gebre-Amlak, Ron Godin, Thaddeus Gourd, Robert Hammon, Alan Helm, Yvette Henson, Tom Holtzer, Tom Hooten, Kurt Jones, Joe Julian, Tony Koski, Patrick McCarty, Ron Meyer, C. J. Mucklow, Steve Newman, Bill Nobles, Alison O'Connor, Carol O'Meara, Mark Platten, Ramesh Pokharel, Laurel Potts, Joel Reich, Marvin Reynolds, Irene Shonle, Mary Small, Curt Swift, Wilma Trujillo, Curtis Utley

### **Additional BSPM Research Scientists with Interests & Resources in Insects & Invasive Plants**

Lou Bjostad - Chemical Ecology & Insect Behavior  
Cynthia Brown - Ecology of Invasive Plants  
Ruth Hufbauer - Ecological Genetics and Biological Control of Invasive Plants  
Boris Kondratieff - Insect Systematics & Taxonomy  
Andrew Norton - Insect Ecol. & Biological Control

## BSPM - I P M



**Colorado State University**  
**Bioagricultural Sciences & Pest Management**  
**Plant Science Building – Main Office C129**  
**Fort Collins, CO 80523-1177**  
**Thomas Holtzer, Dept. Head, 970-491-5261**  
[Thomas.Holtzer@ColoState.edu](mailto:Thomas.Holtzer@ColoState.edu)

Management of weeds, insect pests and plant diseases is one of the most costly inputs that clientele in agriculture, the green industry and consuming households must finance every year in Colorado. There is a long-term need for a comprehensive, high quality, statewide diagnostic network and integrated pest management system encompassing the disciplines of entomology, plant pathology and weed science. Pest activity and severity are dynamic and thus demand for management education and a systems approach will be ongoing.

There is no other agency or organization that can assume the applied research and outreach Pest Management program of BSPM and other extension and research personnel throughout Colorado.  
<http://www.colostate.edu/Depts/bspm/>

### **Pest Management Focus Areas & Issues:**

**Agricultural Ecosystems (dryland, irrigated)**  
**Horticulture and Urban Ecosystems**  
**Forest and Range Ecosystems**  
**Residential and Public Ecosystems**  
**Cross-Cutting, Prioritized IPM Issues**

### Entomology IPM Highlights



**Whitney Cranshaw** - Entomologist:  
970-491-6781 PI Sci Bldg C201  
[Whitney.Cranshaw@ColoState.edu](mailto:Whitney.Cranshaw@ColoState.edu)

Interests include insect and mite pests of vegetables, trees, shrubs & ornamentals; management of insects organic crops and households; insect identification; 4-H entomology; onion thrips; psyllids of tomato and potato; and flea beetles

**Frank Peairs** - Entomologist:  
970-491-5945 Insectary 102  
[Frank.Peairs@ColoState.edu](mailto:Frank.Peairs@ColoState.edu)

Interests include insect and mite pests of alfalfa, barley, corn, dry bean, millet, sorghum, sunflower and wheat; grasshoppers in pasture and range; Russian wheat aphid; corn spider mites; dryland cropping systems; on-line pesticide guide

<http://www.ext.colostate.edu/pubs/insect/pubs.html>

<http://www.highplainsipm.org/>

### Plant Pathology IPM Highlights



**Bill Jacobi** – Plant Pathologist:  
970-491-6927 PI Sci Bldg C202  
[William.Jacobi@ColoState.edu](mailto:William.Jacobi@ColoState.edu)

Interests include diseases of forest and shade trees; and their relationships to environmental factors; with emphasis on rusts, cankers, and root diseases

**Howard Schwartz** – Plant Pathologist:  
970-491-6987 PI Sci Bldg C205  
[Howard.Schwartz@ColoState.edu](mailto:Howard.Schwartz@ColoState.edu)

Interests include diseases of dry bean and onion; dry bean white mold; viral diseases of onion; and digital image resource access  
<http://www.colostate.edu/Orgs/VegNet/>

**Deborah Young** – Plant Pathologist:  
970-491-1377 PI Sci Bldg C209  
[deborah.young@ColoState.edu](mailto:deborah.young@ColoState.edu)

Interests include IPM and environmental stewardship of the built environment; decreased risks from pests and the tactics used to control them and change in policy through working with the community to steward environmental health

### Weed Science IPM Highlights



**George Beck** – Weed Scientist:  
970-491-7568 Weed Lab 116  
[George.Beck@ColoState.edu](mailto:George.Beck@ColoState.edu)

Interests include pasture, range and non-crop noxious weed management; noxious and invasive weed ecology; public policy / legislation; and alfalfa extension education

**Scott Nissen** – Weed Scientist:  
970-491-3489 Weed Lab 115  
[Scott.Nissen@ColoState.edu](mailto:Scott.Nissen@ColoState.edu)

Interests include weed management in vegetable and field crops including dry bean, onion, potato, sugarbeet; weed seedling id.; and herbicide behavior in plants

**Phil Westra** – Weed Scientist:  
970-491-5219 Weed Lab 112  
[Phil.Westra@ColoState.edu](mailto:Phil.Westra@ColoState.edu)

Interests include weed management in field crops including corn, millet, barley, wheat, sorghum, sunflower; bioeconomic modeling of weeds; field bindweed and Canada thistle management, jointed goatgrass; and herbicide resistant weed management

<http://www.jointedgoatgrass.org/>