

CURRICULUM VITAE

University of Idaho

NAME: Hirnyck, Ronda E.

DATE: October 30, 2017

RANK OR TITLE: Professor, Statewide Pesticide Program Coordinator

DEPARTMENT: Southern District, Cooperative Extension, College of Agricultural and Life Sciences

OFFICE LOCATION AND CAMPUS ZIP:

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DATE OF FIRST EMPLOYMENT AT UI: October 11, 1997

DATE OF TENURE: March 18, 2008

DATE OF PRESENT RANK OR TITLE: July 1, 2010

EDUCATION BEYOND HIGH SCHOOL:

Degrees:

M.S., 1983, Entomology, University of Nebraska, Lincoln, Nebraska

B.S., 1977, Wildlife Cons. & Mgmt., University of Wyoming, Laramie, Wyoming

A.A., 1974, Cowley County Community College, Arkansas City, Kansas

Additional Coursework for Credit:

University of Idaho, AdEd 405, Lifespan Development, Spring 2000.

Certificates and Licenses:

National Institutes of Health, Protecting Human Research Participants. Certificate No. 969762

Idaho Pesticide Applicator Consultants License

EXPERIENCE:

Teaching, Extension and Research Appointments:

Professor, Statewide Pesticide Program Coordinator, University of Idaho Southern Extension District, Cooperative Extension, July 1, 2010-present.

Associate Professor, Statewide Pesticide Program Coordinator, University of Idaho, District II Cooperative Extension, June 22, 2003-June 30, 2010.

Pesticide Program Coordinator, University of Idaho, Boise Research and Extension Center (80% Extension, 20% Research), October 11, 1997-June 22, 2003. Research: Development of new pesticides for minor crop producers through the USDA/IR-4 program. Extension: Managing pesticide programs and serving as State Liaison Representative (SLR) for national programs by supplying pest management data on Idaho's commodities and obtaining tolerances for pesticides on food and feed crops. Supervising the Director of the Idaho IR-4 Western Region Field Center and Program Specialist. Serving as liaison with commodity growers and the Idaho State Department of Agriculture. Gathering, storing and disseminating information on the use, registration and legal aspects of pesticide use to the Idaho public, government and University personnel.

Graduate Research Assistant, Department of Entomology, University of Nebraska - Lincoln, Lincoln, Nebraska, May 1981-May 1983.

Teaching, Extension and Research Appointments (cont.):

Research Technician II, School of Life Sciences, University of Nebraska-Lincoln, Lincoln, Nebraska, May 1979-May 1981.

Research Station Caretaker and Project Assistant, Department of Zoology and Physiology, University of Wyoming-National Park Service Research Center, Moran, Wyoming, September 1977-August 1979.

Non-Academic Employment including Armed Forces:

Bureau Chief, Idaho State Department of Agriculture, Agrichemical Standards Bureau, Boise, Idaho, 1993-97. Responsible for managing program managers, supervisors and clerical support for the Bureau. Programs in the Bureau included pesticide, fertilizer, soil and plant amendment registrations, certification and licensing of pesticide applicators, ground and surface water protection programs, endangered species programs and the Idaho OnePlan. Also responsible for strategic planning for the Bureau and Division, personnel issues relating to the Bureau, budget development and implementation, legislation development and maintenance of computer databases for registration and accounting programs. Handling clientele and legislative calls involving technical issues, mediation and problem solving. Involved with several national committees and working groups relating to the technical issues of pesticides and nutrients.

Agrichemical Specialist, Idaho State Department of Agriculture, Agrichemical Standards Bureau, Boise, Idaho, 1991-93. Program manager for the state registration of pesticides, fertilizers, soil and plant amendments and the endangered species protection program.

Sales Representative, CIBA-GEIGY Corporation, Agricultural Division, (Greensboro, North Carolina), Miliona, Minnesota, 1983-91.

TEACHING ACCOMPLISHMENTS:**Areas of Specialization:**

Pesticide Regulations, Pesticides and Food Safety, Pesticides and Environmental and Human Health Risks, Pesticide Safety Education.

Materials Developed:**Workbooks, Manuals:**

Potato Growers of Idaho and R.E. Hirnyck. 2005. Best Management Practices and Integrated Pest Management Standards Checklist for Quality Potatoes.

Web Pages:

Hirnyck, R.E., J. Lucero, E. Bechinski, M. Boese-Empey. 2015. Idaho Pest Management Center. Complete rebuild. www.uidaho.edu/extension/ipm.

Hirnyck, R.E., J.D. Neufeld, D. Carlson, D., and W. Newbill. 2011. Idaho OnePlan Soil Fumigant Management Planner. <http://www.oneplan.org/PAR/>

Neufeld, J.D., R.E. Hirnyck, D. Carlson, and W. Newbill. 2009. Idaho OnePlan Pesticide Application Recordkeeping. <http://www.oneplan.org/PAR/>

Hirnyck, R.E. 2010. Idaho Pest Management Center Website, expanded pesticide safety and pests sections. <http://www.uihome.uidaho.edu/ipm/>

Hirnyck, R.E. and M. McCarthy. 2009. Idaho Pest Management Center Website, new website developed with major expansion. <http://www.uihome.uidaho.edu/ipm/>

Hirnyck, R.E., et. al. 2006-2007. Idaho Pest Management Center Website expanded pesticide registration section. <http://www.ag.uidaho.edu/ipm/>

Hirnyck, R.E., et.al. 2005. Idaho Pest Management Center Website expanded webpages. <http://agweb.ag.uidaho.edu/ipm/>

Web Pages: (cont.)

- Hirnyck, R.E., et.al. 2004. Idaho Pest Management Center Webpage expanded webpages.
<http://agweb/ag.uidaho.edu/ipm>.
- Hirnyck, R.E., et.al. 2003. Idaho Pest Management Center website.
<http://agweb.ag.uidaho.edu/ipm/>

Student Interns Supervised:

- Gilbert Rangle, Undergraduate in Agricultural Economics, University of Idaho College of Agriculture and Life Sciences, Caldwell, ID May-August, 2012.

Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.:

- Hirnyck, R. University of Idaho PSEP Outreach and Teaching. U.S. EPA Region 10 Pesticide Programs meeting, Seattle, WA, October 18, 2017.
- Hirnyck, R. University of Idaho Pesticide programming in southern Idaho. Parma Lions Club, Parma, ID, September 12, 2017.
- Hirnyck, R. Water Quality and Pesticide Performance. Pesticide Recertification Workshops:
 Washington County Weed Control Tour and meeting, Cambridge, ID, June 8, 2017.
 PNW Grain Storage Association Idaho Meeting, Burley, ID, May 18, 2017.
 Magic Valley Agri Action Ag Show, Twin Falls, ID, February 3, 2017.
 Western Idaho Ag Show, Caldwell, ID, January 24, 2017.
 Owyhee County Soil Conservation District Meeting, Marsing, ID, December 15, 2016.
 Canyon County Recertification Workshop, Caldwell, ID, December 14, 2016.
 Gem County Recertification Workshop, Emmett, ID, December 13, 2016.
 Fremont County Recertification Workshop, St. Anthony, ID, December 9, 2016.
 Magic Valley Recertification Workshop, Jerome, ID, December 8, 2016.
 Magic Valley Recertification Workshop, Burley, ID, December 7, 2016.
 Procrastinator's Clinic, Lewiston, ID, November 2, 2016.
 Valley County Recertification Workshop, Donnelly, ID, November 1, 2016.
- Hirnyck, R. Pesticide Safety for Master Gardeners, Master Gardener Classes:
 Canyon County Master Gardeners, Caldwell, ID, April 17, 2017.
 Ada County Master Gardeners, Boise, ID, March 31, 2017.
- Hirnyck, R. and S. Takatori. Managing Voles and Gophers. Idaho Water Users Association Meeting, Boise, ID, February 17, 2017.
- Hirnyck, R. and S. Takatori. Pesticide Stewardship. Western Idaho Ag Show, Caldwell, ID, January 25, 2017.
- Hirnyck, R. Pesticide Issues and Updates. Idaho Eastern Oregon Seed Association Annual Meeting, Nampa, ID, November 29, 2016.
- Hirnyck, R., S. Takatori, J. Neufeld. Southwestern Idaho Pesticide Safety Education Pre-License Workshop. Caldwell, ID. March 13-17, 2017.
- Hirnyck, R. S. Takatori, D. Finklenberg. Northern Idaho Pesticide Safety Education Pre-License Workshop. Lewiston, ID. March 7-10, 2017.
- Hirnyck, R., S. Takatori, D. Gunn. Eastern Idaho Pesticide Safety Education Pre-License Workshop. Idaho Falls, ID. February 28-March 1, 2017.
- Hirnyck, R., S. Takatori, S. Hines. Magic Valley Idaho Pesticide Safety Education Pre-License Workshop. Jerome, ID. February 7-10, 2017.
- Hirnyck, R. Pesticide Use and Food Safety. University of Idaho Eat Smart Idaho Advisors Training, August 5, 2016.
- Hirnyck, R., S. Takatori, J. Neufeld. Southwestern Idaho Pesticide Safety Education Pre-License Workshop. Caldwell, ID. March 15-18, 2016.
- Hirnyck, R. S. Takatori, D. Finklenberg. Northern Idaho Pesticide Safety Education Pre-License Workshop. Lewiston, ID. March 1-4, 2016.
- Hirnyck, R., S. Takatori, D. Gunn. Eastern Idaho Pesticide Safety Education Pre-License Workshop. Idaho Falls, ID. February 23-26, 2016.
- Lucero, J. and R. Hirnyck. National Ag Health Study. Southwestern Idaho Spanish Pesticide Training, modified for Spanish audience, Caldwell, ID. February 24, 2016.
- Hirnyck, R., S. Takatori, S. Hines. Magic Valley Idaho Pesticide Safety Education Pre-License Workshop. Jerome, ID. February 16-19, 2016.

Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc. (cont):

- Hirnyck, R. Protecting Pollinators. Pesticide Recertification Workshops:
 Lincoln County NRCS Meeting, Shoshone, ID, February 5, 2016.
 Magic Valley Agri Action Ag Show, Twin Falls, ID, February 4, 2016.
 Western Idaho Ag Show, Caldwell, ID, January 26, 2016.
 Gem County Pesticide meeting, Emmett, ID, December 17, 2015.
 Canyon County Pesticide meeting, Caldwell, ID, December 16, 2015.
 Magic Valley Pesticide program, Burley, ID, December 16, 2015.
 Magic Valley Pesticide program, Jerome, ID, December 15, 2015.
 Procrastinator's Clinic, Lewiston, ID, November 4, 2015.
- Lucero, J., R. Hirnyck. Ag Health Study. Pesticide Recertification Workshops:
 Southern Idaho Grain Storage Pesticide Conference, Burley, ID, May 20, 2016.
 Western Idaho Ag Show, Caldwell, ID, January 26, 2016.
 Far-West Ag Conference, Twin Falls, ID, January 13, 2016.
 Canyon County Pesticide meeting, Caldwell, ID, December 16, 2015.
 Owyhee County NRCS meeting, Marsing, ID, December 10, 2015.
- Lucero, J., R. Hirnyck. Integrated Pest Management; Understanding Spiders. Idaho Nursery and Landscapes Association, Boise, ID, January 20, 2016.
- Hirnyck, R. and J. Neufeld. OnePlan Pesticide Applicator Recordkeeping. Pesticide Recertification Workshops:
 Western Idaho Ag Show, Caldwell, ID, January 26, 2016.
 Far-West Ag Conference, Twin Falls, ID, January 13, 2016.
- Hirnyck, R. Managing Voles in Crops. Pesticide Recertification Workshops:
 Idaho Alfalfa Seed Growers meeting, Caldwell, ID, January 12, 2016.
 Idaho Sugar beet Growers meeting, Burley, ID, December 10, 2015.
 Idaho Sugar beet Growers meeting, Boise, ID, December 9, 2015.
- Hirnyck, R. and J. Neufeld. Using Online Pest Management Tools. University of Idaho Potato Conference, January 21, 2015.
- Hirnyck, R. and J. Lucero. Personal Protective Equipment. OSHA Safety Fest. Boise, ID. January 20, 2015.
- Hirnyck, R. EPA Updates. Idaho Eastern Oregon Seed Association Annual Meeting. Nampa, ID. December 2, 2014.
- Hirnyck, R. Managing Pesticide Resistance. Pesticide Recertification Workshops:
 Valley County Workshop, Cascade, ID, June 3, 2015.
 Agri-Action Ag Show, Twin Falls, ID, February 5, 2015.
 Southwest Idaho Feed and Grain Association Meeting, Twin Falls, ID, February 4, 2015.
 Caldwell Ag Show, Caldwell, ID, January 21, 2015.
 Gem County Workshop, Emmett, ID, December 12, 2015.
 Canyon County Workshop, Caldwell, ID, December 11, 2015.
 Owyhee County NRCS Workshop, Marsing, ID, December 10, 2015.
 Magic Valley Workshop, Jerome, ID, December 4, 2015.
 Magic Valley Workshop, Burley, ID, December 3, 2015.
- Hirnyck, R., S. Takatori, J. Neufeld. Southwestern Idaho Pesticide Safety Education Pre-License Workshop. Caldwell, ID. March 17-20, 2015.
- Hirnyck, R. S. Takatori, D. Finkleberg. Northern Idaho Pesticide Safety Education Pre-License Workshop. Lewiston, ID. March 3-6, 2015.
- Hirnyck, R., S. Takatori, D. Gunn. Eastern Idaho Pesticide Safety Education Pre-License Workshop. Idaho Falls, ID. February 24-27, 2015.
- Hirnyck, R. S. Takatori, S. Hines. Magic Valley Idaho Pesticide Safety Education Pre-License Workshop. Jerome, ID. February 17-20, 2015.
- Hirnyck, R. Managing Pesticide Resistance with a Good Recordkeeping Tool. North Idaho Procrastinators's Clinic. Lewiston, ID. October 28, 2014.
- Hirnyck, R. Idaho's Extension Efforts to protect water quality from pesticide impacts. Columbia River Toxics Workinggroup meeting. Walla Walla, WA. July 2, 2014.
- Hirnyck, R., S. Takatori, J. Neufeld. Southwestern Idaho Pesticide Safety Education Pre-License Workshop. Caldwell, ID. March 18-21, 2014.

Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc. (cont):

- Hirnyck, R. S. Takatori, D. Finkleberg. Northern Idaho Pesticide Safety Education Pre-License Workshop. Lewiston, ID. March 4-7, 2014.
- Hirnyck, R. S. Takatori, S. Hines. Magic Valley Idaho Pesticide Safety Education Pre-License Workshop. Jerome, ID. February 18-21, 2014.
- Hirnyck, R. The Label is the Law. Idaho Nursery and Landscape Association Conference. January 22, 2014.
- Hirnyck, R. How Pesticides are Registered. Environmental Care Association annual meeting. Boise, ID. December 12, 2013.
- Hirnyck, R. and S. Takatori. Food Safety and Pesticide Use. GEAPS annual meeting. Pocatello, ID. November 21, 2013.
- Hirnyck, R. and D. Carlson. Using BMPS to protect natural resources from nutrients and pesticides. Idaho Sustainable Ag Conference. Nampa, ID. November 14, 2013.
- Hirnyck, R. Cleaning Pesticide Sprayers. Pesticide Recertification Workshops:
 Magic Valley Ag Expo, Twin Falls, ID, January 30, 2014.
 Idaho Potato Conference, Pocatello, ID, January 23, 2014 (2 workshops).
 Canyon County Workshop, Caldwell, ID, December 12, 2013.
 Gem County Workshop, Emmett, ID, December 11, 2013.
 USDA Owyhee County Workshop, Marsing, ID, December 10, 2013.
- Hirnyck, R. Cleaning Pesticide Sprayers. North Idaho Procrastinator's Clinic. Lewiston, ID. October 16, 2013.
- Hirnyck, R., S. Takatori, J. Neufeld. Southwestern Idaho Pesticide Safety Education Pre-License Workshop. Caldwell, ID. March 19-22, 2013.
- Hirnyck, R. S. Takatori, D. Finkleberg. Northern Idaho Pesticide Safety Education Pre-License Workshop. Lewiston, ID. March 5-8, 2013.
- Hirnyck, R. S. Takatori, S. Hines. Magic Valley Idaho Pesticide Safety Education Pre-License Workshop. Jerome, ID. February 19-22, 2013.
- Hirnyck, R. Pesticide Labels and Safety. PNW Stored Grain and Warehouse Conference. Coeur d'Alene, ID. February 14, 2013.
- Hirnyck, R., S. Takatori, D. Gunn. Eastern Idaho Pesticide Safety Education Pre-License Workshop. Idaho Falls, ID. February 5-8, 2013.
- Hirnyck, R., D. Carlson, J. Thomas, D. Clarke. Agricultural Best Management Practices to Protect Water Quality. Pesticide Recertification Workshops:
 Caldwell Ag Show, Caldwell, ID, January 30, 2013
 Owyhee County NRCS, Marsing, ID, December 13, 2012
 Canyon County Extension, Caldwell, ID, December 12, 2012
 Gem County Extension, Emmett, ID, December 11, 2012
 Magic Valley Extension, Jerome, ID, December 6, 2012
 Magic Valley Extension, Burley, ID, December 5, 2012
- Hirnyck, R. How to Read a Pesticide Label. Idaho Horticulture Expo. Boise, ID. January 23, 2013.
- Hirnyck, R. Mint Growers Pest Management Survey using TurningPoint, Mint Growers Annual Meeting, Nampa, ID. December 7, 2012.
- Hirnyck, R. Pesticide Updates and the Pesticide Recordkeeping Program, Idaho Eastern Oregon Seed Association Annual Meeting, Nampa, ID. December 4, 2012.
- Hirnyck, R. Pesticide Safety for Master Gardeners, Ada County Extension Master Gardeners, Boise, ID. November 2, 2012.
- Hirnyck, R., D. Carlson, J. Thomas, and D. Clarke. Agricultural Best Management Practices to Protect Water Quality. North Idaho Procrastinator's Clinic. Lewiston, ID. October 18, 2012.
- Hirnyck, R. The Basics for a School IPM Program. Idaho School IPM Workshop. Boise, ID. September 2, 2012.
- Hirnyck, R. Pesticide Use and Food Safety. Southern District Master Food Safety Class. Boise, ID. April 20, 2012.
- Hirnyck, R. S. Takatori, D. Gunn. Eastern Idaho Pesticide Safety Education Pre-License Workshop. Ft. Hall, ID. March 6-8, 2012.
- Hirnyck, R., S. Takatori, L. Clayton. North Idaho Pesticide Safety Education Pre-License Workshop. Lewiston, ID. February 29-March 2, 2012.

Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc. (cont):

- Hirnyck, R. S. Takatori. Urban Horticulture Pesticide Safety Education Pre-License Workshop. Nampa, ID. January 16-17, 2012.
- Hirnyck, R. The ABC's of Pesticide Resistance. Pesticide Recertification Workshops:
Canyon County Pesticide Meeting, Caldwell, ID. December 15, 2011
FarWest Conference, Twin Falls, ID. January 9, 2012.
- Hirnyck, R., J. Neufeld, and W. Newbill. OnePlan Pesticide Applicator Recordkeeping and Fumigant Management Planner. Pesticide Recertification Workshops:
Idaho Farm Bureau Conference. Couer D'Alene, ID. January, 2012.
Caldwell Ag Show, Caldwell, ID. January 25, 2012.
Potato Conference, Pocatello, ID. January 18, 2012.
FarWest Conference, Twin Falls, ID. January 10, 2012.
Caldwell, ID. December 14, 2011.
Sugar Beet Conference. December 13, 2011.
- Hirnyck, R. Heinz 57 for Pesticides. Pesticide Recertification Workshops:
Emmett, ID. December 13, 2011.
Caldwell Ag Show, Caldwell, ID. January 25, 2012.
- Hirnyck, R., J. Neufeld. Mint Pest Management Survey. Mint Growers Conference. Nampa, ID. December 8, 2011.
- Hirnyck, R., J. Neufeld, and R. Mahler. CIG Project for Lower Boise:
Lower Boise River Watershed Council, Boise, ID. May 8, 2012.
Canyon County Soil and Water Conservation District, Caldwell, ID. December 8, 2011.
- Hirnyck, R. and S. Takatori. The Label is the Law, Sometimes. Pesticide Recertification Workshops:
Palmer, AK. February 22, 2012.
Twin Falls, ID. December 8, 2011.
Burley, ID. December 7, 2011.
- Hirnyck, R. IR-4 and What's New with Pesticides:
Western Idaho Fruit School, Weiser, ID. February 7, 2012.
Idaho Eastern Oregon Seed Association Annual Meeting. Boise, ID. November 30, 2011.
- Hirnyck, R. and S. Takatori. Pesticide Updates and Labeling Issues. UI Extension educators workshop. Jerome, ID. November 9, 2011.
- Hirnyck, R. Soil Fumigants Buffers and Latest Label Changes. National Pesticide Certification and Training Conference. Portland, OR. August 10, 2011. Invited presentation.
- Hirnyck, R., S. Takatori, and J. Neufeld. Southwest Idaho Extension pesticide applicators pre-license class. Caldwell, ID. March 15-16, 2011.
- Neufeld, J.D., R. Hirnyck, and W. Newbill. Idaho OnePlan Pesticide Reporting Software Program. Pesticide Applicator Training. Caldwell, ID. March, 15, 2011.
- Hirnyck, R., S. Takatori, and S. Hines. Magic Valley Extension pesticide applicators pre-license class. Jerome, ID. March 7-8, 2011.
- Hirnyck, R., S. Takatori, and L. Clayton. North Idaho Extension pesticide applicators pre-license class. Lewiston, ID. March 2-4, 2011.
- Hirnyck, R., S. Takatori, and D. Gunn. Eastern Idaho Extension pesticide applicators pre-license class. Idaho Falls, ID. February 23-24, 2011.
- Hirnyck, R. and J. Chumley. The Alaska Field Guide to Potato Pests Project. Alaska Produce Growers Conference. Palmer, AK. February 15, 2011.
- Neufeld, J.D., R. Hirnyck, and W. Newbill. Idaho OnePlan. Pesticide Recordkeeping Software. Sugarbeet Research Review. Twin Falls, ID. February 15, 2011.
- Hirnyck, R. Pesticide Issues Facing PNW Growers and the New Online Pesticide Applicator Recordkeeping Tool. North Idaho Extension Cereal Schools:
Greencreek, ID. February 7, 2011.
Lewiston, ID. February 8, 2011.
Bonners Ferry, ID. February 9, 2011.
- Newbill, W., J.D. Neufeld, and R. Hirnyck. Idaho OnePlan. Pesticide Recordkeeping Software. Clearwater Supply Company Winter Seminar. Ontario, OR. February 2, 2011.
- Hirnyck, R., J. Neufeld, and W. Newbill. Idaho OnePlan Pesticide Recordkeeping Software. University of Idaho Potato Conference. Pocatello, ID. January 19, 2011.

Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc. (cont):

- Hirnyck, R. Pesticide Safety and Personal Protective Equipment.
Snake River Sugar Beet Conference. Twin Falls, ID. January 14, 2011.
Owyhee County Soil Conservation District Pesticide Recertification, Marsing, ID. December, 7, 2010.
- Neufeld, J.D., R. Hirnyck, and W. Newbill.. Idaho OnePlan. Pesticide Recordkeeping Software. Snake River Sugar Beet Conference. Twin Falls, ID. January 14, 2011.
- Neufeld, J.D., R. Hirnyck, and W. Newbill. Pesticide Applicator Recordkeeping Software, Idaho and Oregon Alfalfa and Clover Seed Growers Winter Meeting. Caldwell, ID. January 13, 2011.
- Hirnyck, R. Soil Fumigants Label Changes:
Idaho and Oregon Alfalfa and Clover Seed Growers Winter Meeting, Caldwell, ID. January 13, 2011.
Canyon County Pesticide Recertification Class. Caldwell, ID. December 8, 2011.
- Hirnyck, R. Pesticide Safety for Master Gardeners. Ada County Master Gardener class. Boise, ID. December 14, 2011.
- Hirnyck, R. The IR-4 Project. Idaho Mint Growers Annual Meeting. Nampa, ID. December 9, 2011.
- Neufeld, J.D., R. Hirnyck, and W. Newbill. Pesticide Applicator Recordkeeping Software. Canyon County Pesticide Applicator Recertification Training. Caldwell, ID. December 8, 2010.
- Newbill, W., J.D. Neufeld, and R. Hirnyck. Pesticide Applicator Recordkeeping Software. Idaho Eastern Oregon Seed Association. Nampa, ID. December 6, 2010.
- Hirnyck, R., J.D. Neufeld, and W. Newbill. Idaho OnePlan. Pesticide Recordkeeping Software. Owyhee County Soil Conservation District Pesticide Recertification, Marsing, ID. December, 7, 2010.
- Neufeld, J.D., Hirnyck, R and Newbill, W. Idaho OnePlan. Pesticide Recordkeeping Software. Sugarbeet Research Review. Twin Falls, ID. November 16, 2010.
- Hirnyck, R.E. 2010. Pesticide Information You Need to Know. Idaho Extension Educators Pesticide Workshop, Twin Falls, Idaho, October 27.
- Hirnyck, R.E. 2010. Pesticide Updates, Endangered Species and NPDES Permits. Northern Idaho Procrastinators Clinic, Lewiston, Idaho, October 20.
- Hirnyck, R.E. 2010. Pesticides Updates and the UI Pest Management Center. Northern Idaho Extension Educators Pesticide Workshop, Lewiston, Idaho, October 19.
- Hirnyck, R.E. and M. McCarthy. 2010. Pesticide Basics. Canyon County Master Gardeners class, Caldwell, Idaho, March 17.
- Hirnyck, R.E. 2010. The University of Idaho Pesticide Management Program, Idaho Vandals luncheon, Boise, Idaho, March 3.
- Hirnyck, R.E., S. Takatori and D. Gunn. 2010. Eastern Idaho pesticide applicators pre-license class, Pocatello, Idaho, February 18-19.
- Hirnyck, R.E. 2010. Enhancing Food Safety. University of Idaho Crop Protection Seminar, Pocatello, Idaho, February 16.
- Hirnyck, R.E. 2010. Environmental Fate of Pesticides, two presentations:
Sustainable Agriculture Symposium, Fruitland, Idaho, February 11
Canyon County Pesticide Program, Caldwell, Idaho, December 11, 2009.
NRCS Grower Meeting, Marsing, Idaho, December 9, 2009.
- Hirnyck, R.E. 2010. What is the IR-4 Program? Oregon State University Entomology Short Course, Ontario, Oregon, February 9.
- Hirnyck, R.E., S. Takatori and S. Hines. 2010. Magic Valley pesticide applicators pre-license class, Twin Falls, Idaho, February 1-2.
- Hirnyck, R.E. 2010. Enhancing Food Safety. University of Idaho 42nd Annual Potato Conference, Pocatello, Idaho, January 20.
- Hirnyck, R.E. 2010. The IR-4 Project and Idaho Results. FarWest Agribusiness Annual Idaho Conference, Jackpot, Nevada, January 13.
- Hirnyck, R.E. 2009. IPM, EPA and New Chemicals for the Ag Industry. Idaho Eastern Oregon Seed Association Winter Meeting, Nampa, Idaho, December 2.
- Neufeld, J., W. Newbill and R. Hirnyck. 2009. OnePlan Pesticide Application Recordkeeping. Harvest Farms grower meeting, Nampa, Idaho, November 23.
- Hirnyck, R.E. 2009. What's New with Pesticides for 2009-2010. Northern Idaho Procrastinators Clinic, Lewiston, Idaho, October 28.

Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc. (cont):

- Hirnyck, R.E. and M. McCarthy. 2009. Pesticide Storage and Spill Management. District II Extension Professional Applicators pre-license class, Caldwell, Idaho, March 18.
- Hirnyck, R.E. 2009. Pesticide Formulations and Pesticide Labels and Safety. Ft. Hall Professional Applicators pre-license class, Ft. Hall, Idaho, March 5-6.
- Hirnyck, R.E. 2009. Pesticide Formulations, Pesticide Labels and Safety, and Pesticide Storage and Spill Management. District I Extension Professional Applicators pre-license class, Lewiston, Idaho, February 25-27.
- Hirnyck, R.E., L. Blecker, W. Jones. 2009. How to Use the New IPM Scouting Manual for Potatoes (presented in Spanish). Idaho Potato Conference, Pocatello, Idaho, February 19.
- Hirnyck, R.E. W. Jones. 2009. Field Guide to Potato Pests in English and Spanish. Idaho Potato Conference, Pocatello, Idaho, February 19.
- Hirnyck, R.E. 2009. IR-4 Needs You! FarWest Idaho Winter Conference, Jackpot, Nevada, January 7.
- Hirnyck, R.E. 2009. Environmental Fate of Pesticides. City of Boise Parks and Recreation Department, Boise, Idaho, January 5.
- Hirnyck, R.E. 2009. Soil Fumigants Re-registration. Canyon County Extension Pesticide Recertification class, Caldwell, Idaho, December 16.
- Hirnyck, R.E. 2009. How Pesticides are Registered. Idaho Environmental Care Association annual meeting, Boise, Idaho, December 10.
- Hirnyck, R.E. 2009. Pesticide Refresher and Updates for 2009. Idaho Eastern Oregon Seed Association annual meeting, Nampa, Idaho, December 3.
- Hirnyck, R.E. 2008. Pesticide Registration and How it Works. Intermountain Grain and Commodity Storage annual meeting, Pocatello, Idaho, November 6.
- Hirnyck, R.E. 2008. Minor Use Pesticide Registration Programs. Idaho State Seed Council meeting, Nampa, Idaho, May 8.
- Hirnyck, R.E. 2008. Pesticide Labels. University of Idaho District II pesticide licensing workshop, Caldwell, Idaho, April, 4.
- Hirnyck, R.E. 2008. Environmental Fate of Pesticides. University of Idaho District II pesticide licensing workshop, Caldwell, Idaho, April 4.
- Hirnyck, R.E. Pesticide Safety and Updates. Four presentations for Statewide pesticide recertification classes:
- Cascade, Idaho, April 9, 2008
 - Pocatello, Idaho, February, 21, 2008
 - Caldwell, Idaho, December 18, 2007
 - Emmett, Idaho, November 29, 2007
- Hirnyck, R.E. Year of the Label: What has happened since FQPA. Four presentations for Statewide pesticide recertification classes:
- Fort Hall, Idaho, February 21, 2008
 - Blackfoot, Idaho, February 26, 2008
 - Ontario, Oregon, February 13, 2008
 - Nampa, Idaho, December 5, 2007.
- Hirnyck, R.E. and L. Downey Blecker. 2008. Pesticide Safety blacklight activity/presentation. University of Idaho District II Spanish speakers pesticide safety education program, Weiser, Idaho, February 20.
- Hirnyck, R.E. 2008. Pesticide Primer. University of Idaho Ada County Master Gardener program, Boise, Idaho, February 13.
- Hirnyck, R.E. 2007. Pesticide Safety Education Program Updates. University of Idaho Extension District II and III, Caldwell and Twin Falls, Idaho. October 2-3.
- Hirnyck, R.E. 2007. District II Pesticide Training, Caldwell, Idaho. July 12.
- Hirnyck, R.E. 2007. Integrated Pest Management and Conservation Planning. Natural Resources Conservation Service Technical Staff Training, Boise, Idaho. May 22.
- Hirnyck, R.E. and L. Downey. 2007. Pesticide Safety for Spanish Speakers. District II Spanish speaking pesticide handler training, Weiser, Idaho, February 28.
- Hirnyck, R.E. 2007. Gardening with Pesticides. Payette County Master Gardener class, Fruitland, Idaho. February 22.

Hirnyck, R.E. 2007. Pesticide Toxicity-What Does it Mean? FarWest Chemical Association Idaho Meeting, Jackpot, Nevada. January 9.

Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc. (cont):

Hirnyck, R.E. 2006. Pesticide Updates. Idaho Eastern Oregon Seed Association Meeting, Boise, Idaho. December 12.

Hirnyck, R.E. 2006. A Greener Potato with Integrated Pest Management. Idaho Environmental Summit, Boise, Idaho. December 5.

Hirnyck, R.E. 2006. Did you say “Pesticides”? Pacific Northwest Aerial Applicators Alliance, Boise, Idaho. November 7.

Daniels, C.H. and R.E. Hirnyck. 2006. Additional Resources for the Information you need. PNW Water Quality/IPM Educators Workshop, Moscow, Idaho.

Hirnyck, R. E. and J. Gallian. 2006. Pest Management Strategic Planning: Your Voice in the Future of Sugarbeet Production. 2006 Snake River Sugarbeet Conference, Nampa, Idaho.

Hirnyck, R.E. and L. Downey. 2006. Pesticide Handling and Storage. District II Spanish speaking pesticide handler training, Parma, Idaho.

Hirnyck, R.E. 2005. Pesticides 101. Two presentations for District II Extension Pesticide Recertification Classes:

Mountain Home, Idaho, December 13.

Emmett, Idaho, December 14.

Hirnyck, R.E. 2005. What’s Happening with Pesticides in Idaho and the PNW. Two presentations for Pesticide Recertification Classes:

District II Extension, Caldwell, Idaho, December 13.

IEOSA Seed Growers Workshop, Nampa, Idaho, November 17.

Hirnyck, R.E. 2005. What’s Coming Down the Road for Chemical Controls? Idaho Eastern Oregon Seed Association Annual Meeting, Boise, Idaho.

Hirnyck, R.E. 2005. Pesticide Labels 101. Southwest Idaho Weed Control Association Fall Weed Control Seminar, Caldwell, Idaho.

Downey, L.A. and R.E. Hirnyck. 2005. Idaho Pest Management Center. Sustainable Ag/Small Farms Conference, Boise, Idaho.

Bechinski, E.J. and R.E. Hirnyck. 2005. Idaho Potato IPM Certification Standards—2004 Pilot Project. WERA Annual meeting, Wilsonville, Oregon.

Hirnyck, R.E. 2005. Water, Wildlife & Pesticides in the West: Pest Management’s Contribution to Solving Environmental Problems, Regional IPM Symposium, Portland, Oregon.

Hirnyck, R.E. 2005. Pest Management Strategic Planning and Organic Potatoes. Organic Potato growers meeting, Twin Falls, Idaho.

Hirnyck, R.E. and L.A. Downey. 2005. Pest Management Strategic Planning for the Western Region. Western Region Pest Management Strategic Plans Meeting, Portland, Oregon.

Downey, L.A.* W. Jones* and R.E. Hirnyck. 2005. IPM Spanish Scouting Manual. (*translated by Downey and Jones). Idaho Potato Conference, Pocatello, Idaho.

Hirnyck, R.E. 2004. Pest Management Risk Mitigation. Integrated Soil Nutrient and Pest Water Quality Education Pacific Northwest Workshop, Corvallis, Oregon.

Hirnyck, R.E. 2004. Pest Management Strategic Planning. Sugarbeet Working Group annual meeting, Twin Falls, Idaho.

Hirnyck, R.E. 2004. Pesticide Updates. Idaho Eastern Oregon Seed Association annual meeting, Boise, Idaho.

Hirnyck, R.E. 2004. Pesticide Updates—What’s to be Reviewed by EPA? Tri-state Mint Industry meeting, Boise, Idaho.

Hirnyck, R.E. 2004. Idaho’s IPM Certification Efforts. Idaho Potato Conference, Pocatello, Idaho.

Hirnyck, R.E. 2004. Pesticides and Organic Production—Their Impact on the Food Supply. Two presentations for the University of Idaho Extension District I Extension Nutrition Program on successive days:

Coeur d’Alene, Idaho, August 3.

Bonnors Ferry, Idaho, August 2.

Hirnyck, R.E. 2004. Pesticides and Organic Production—Their Impact on the Food Supply. University of Idaho Extension District I Food Safety Advisors class, Coeur d’Alene, Idaho.

Hirnyck, R.E. 2003. Pesticide Updates—What’s to be Reviewed by EPA? University of Idaho pesticide recertification class, Emmett, Idaho.

Hirnyck, R.E. 2003. Pesticide Updates—What's to be Reviewed by EPA? Idaho Eastern Oregon Seed Association meeting, Boise, Idaho.

Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc. (cont):

Hirnyck, R.E. 2003. Pesticide Use and Food Safety. University of Idaho Extension District II Food safety Advisors class, Boise, Idaho.

Hirnyck, R.E. 2002. What's Going on With Pesticides? Payette County Weed Control Pesticide recertification class, New Plymouth, Idaho.

Hirnyck, R.E. 2002. What's Going on With Pesticides? Idaho Eastern Oregon Seed Association, Nampa, Idaho.

Hirnyck, R.E. 2002. Pesticide Registrations: Magic or Science? University of Idaho Bean School, Twin Falls, Idaho.

Hirnyck, R.E. 2001. Everything You Wanted to Know About Pesticides But Were Afraid to Ask! University of Idaho Plant Protection Seminar, Twin Falls, Idaho.

Hirnyck, R.E. 2001. Pesticide Use and Food Safety. University of Idaho Extension District II Food Safety Advisors Class, Boise, Idaho.

Hirnyck, R.E. 2001. Food Quality Protection Act (FQPA). University of Idaho pesticide recertification class, Cambridge, Idaho.

Hirnyck, R.E. 2001. Food Quality Protection Act (FQPA):
Five presentations at the University of Idaho Cereal Schools on successive days for the following:

Ashton, Idaho, February 27.

Pocatello, Idaho, February 26.

Idaho Falls, Idaho, February 25.

Preston, Idaho, February 24.

Burley, Idaho, February 23.

Hirnyck, R.E. 2001. Food Quality Protection Act Update-Information You Need to Know. Great American Farm Show, Nampa, Idaho.

Hirnyck, R.E. 2000. Food Quality Protection Act (FQPA). University of Idaho pesticide recertification class, Emmett, Idaho.

Hirnyck, R.E. 2000. Food Quality Protection Act (FQPA). Payette County Weed Control pesticide recertification class, New Plymouth, Idaho.

Hirnyck, R.E. 2000. IR-4 Needs You!! Idaho Horticulture Society Conference, Nampa, Idaho.

Hirnyck, R.E. 2000. Are There Pesticides In Our Food? University of Idaho District II Master Food Safety Advisors training, Boise, Idaho.

Hirnyck, R.E. 2000. IR-4 What's In a Name? Pacific Northwest Alfalfa Seed Growers Regional Conference, Boise, Idaho.

Hirnyck, R.E. 2000. Food Quality Protection Act (FQPA). AG2000 Agriculture Trade Show, Nampa, Idaho.

Hirnyck, R.E. 2000. What Does the Food Quality Protection Act and IPM have in Common? University of Idaho Plant Protection Seminar, Nampa, Idaho.

Hirnyck, R.E. 1999. The IR-4 Program in Idaho. Great American Farm Show, Boise, Idaho.

Hirnyck, R.E. 1999. Food Quality Protection Act Update. Idaho Crop Protection Association Annual Meeting, Sun Valley, Idaho.

Hirnyck, R.E. 1999. Food Quality Protection Act Update. Idaho Eastern Oregon Seed Association Annual Meeting, McCall, Idaho.

Hirnyck, R.E. 1999. Idaho OnePlan. University of Idaho Extension Conference, Sun Valley, Idaho.

Hirnyck, R.E. 1999. Food Quality Protection Act (FQPA). University of Idaho Southern Idaho Bean School, Rupert, Idaho.

Hirnyck, R.E. 1999. Food Quality Protection Act (FQPA). Idaho Farm Bureau Annual Meeting, Boise, Idaho.

Hirnyck, R.E. 1999. What Will Your Pesticide Tools Be in 2000?:

Four presentations at University of Idaho Sugarbeet conference on successive days for the following:

Ontario, Oregon, January 29.

Burley, Idaho, January 28.

Twin Falls, Idaho, January 27.

Pocatello, Idaho, January 26.

- Hirnyck, R.E. 1999. Status of the Food Quality Protection Act Implementation. Idaho Grain Producers Annual Meeting, Boise, Idaho.
- Hirnyck, R.E. 1999. Status of the Food Quality Protection Act Implementation. Idaho-Oregon Alfalfa Seed Growers Conference, Boise, Idaho.
- Hirnyck, R.E. 1999. Food Quality Protection Act. University of Idaho Plant Protection Seminar, Moscow, Idaho.
- Hirnyck, R.E. 1999. IR-4 What's In a Name? Idaho Crop Protection Association Annual Meeting, Jackpot, Nevada.
- Hirnyck, R.E. 1998. Food Quality Protection Act. Boise Coop Council, Boise, Idaho.
- Hirnyck, R.E. 1998. Status of the Food Quality Protection Act. Food Producers of Idaho, Boise, Idaho.
- Hirnyck, R.E. 1998. Idaho OnePlan. Idaho Minor Crops Alliance, Boise, Idaho.
- Hirnyck, R.E. 1998. Food Quality Protection Act and the Regulation of Pesticides. Idaho Ag in the Classroom Teachers Science Certification, Caldwell, Idaho.
- Hirnyck, R.E. 1998. Food Quality Protection Act. University of Idaho District II, Master Food Preservers class, Boise, Idaho.
- Hirnyck, R.E. 1998. Food Quality Protection Act and Updates. Idaho Minor Crop Alliance, Boise, Idaho.
- Hirnyck, R.E. 1998. New Pesticide Law; The Food Quality Protection Act. Food Producers of Idaho, Boise, Idaho.
- Hirnyck, R.E. 1998. Food Quality Protection Act and Impact on Seed Crops. Idaho Eastern Oregon Seed Association annual meeting, Boise, Idaho.
- Hirnyck, R.E. 1998. Food Quality Protection Act.:
Two presentations at University of Idaho Bean School on successive days for each of the following:
Caldwell, Idaho, February 13.
Twin Falls, Idaho, February 12.
- Hirnyck, R.E. 1998. Food Quality Protection Act:
Four presentations at University of Idaho Sugarbeet School on successive days for each of the following:
Caldwell, Idaho, January 29.
Twin Falls, Idaho, January 28.
Burley, Idaho, January 27.
Pocatello, Idaho, January 26.
- Hirnyck, R.E. 1998. Food Quality Protection Act and Mint Pesticides. Idaho Mint Growers Annual Meeting, Nampa, Idaho.

SCHOLARSHIP ACCOMPLISHMENTS:

Publications, Exhibitions, Performances, Recitals:

Refereed:

Book Chapters:

- Hopkins, B. and R.E. Hirnyck. 2007. Organic Potato Production Chapter. Potato Health Management. The American Phytopathological Society Press.

Journals:

- Neufeld, J., A. Agenbroad, R. Guggenheim, R. Hirnyck. 2016. Pacific Northwest Pest Alert Network Delivers Strategic IPM Information to Agricultural and Urban Audiences. *Journal of the NACAA*. Vol. 9, Issue 2.
- Young, M. R. Hirnyck, A. Agenbroad, E. Bechniski. 2015. Captivate Your Audience by Turning PowerPoint Presentations into Interactive E-learning Content. *Journal of Extension*, Volume 53, No. 2.
- Hirnyck, R.E. and C. M. Daniels. 2009. Pacific Northwest Pest Management Workgroup: Leveraging partnerships across large geographic regions. *Journal of Extension*, Volume 47, No.4, Article Number 4IAW6.
- Flanagan, S., R. Hirnyck and R. Sisco. 2009. Priority Setting Tool for the Western Region IR-4 Center. *Journal of Extension*, Volume 47, No.3, Article Number 3IAW2.

Journals (cont).:

- Reddy, S. R. Hirnyck, T. McCammon, J. Neufeld, L. Downey and L. Urias. 2008. Educating Spanish speaking Pesticide Handlers: Agricultural and Landscape Workers. *Journal of Pesticide Safety Education*, Volume 10, pp. 13-21. www.jpse.org.
- Hirnyck, R.E. and T.O. Holtzer. 1983. Western bean cutworm control in Nebraska field corn, 1981 and 1982. *Insecticide and Acaracide Tests*. Vol. 8.

Peer Reviewed/Evaluated:**Extension Publications:**

- O;Neal, S., M. Burrows, R. Hirnyck, T. Scholz. 2017. Pest Management Strategic Plan for Pulse Crops (Chickpeas, Lentils, and Dry Peas) in the United States. USDA-NIFA IPM Centers. https://ipmdata.ipmcenters.org/documents/pmsps/2016PulsePMSP_FINAL.pdf
- Hirnyck, R.E., W. Warren and S. Takatori. 2016. Reading and Understanding Pesticide Labels. University of Idaho Extension. BUL 908.
- Hirnyck, R.E. and J. Neufeld. 2014. Pesticide Record Keeping Using the OnePlan PAR. University of Idaho Extension. CIS 1211.
- Gunn, D., R. Hirnyck, et. al. 2014. Managing Pocket Gophers in Idaho Lawns and Landscapes. University of Idaho Extension. CIS 1213.
- Gunn, D., R. Hirnyck, et. al. 2014. Managing Voles in Idaho Lawns and Landscapes. University of Idaho Extension. CIS 1214.
- Moyer, M., S. O'Neal, and R. Hirnyck, et.al. 2013. Field Guide for Integrated Pest Management in Pacific Northwest Vineyards. Pacific Northwest Extension Publication. PNW644.
- Hirnyck, R.E. and E.Bechinski. 2012. University of Idaho Master Gardener pest management recommendations and Pest Management Agreement. University of Idaho Master Gardener Manual, Chapter 1 pp.11-14 and pp. 28-29.
- Hirnyck, R.E., J. Chumley and T. Jahns. 2012. Alaska Field Guide to Potato Pests and Beneficial Insects in English and Russian. University of Idaho Extension. Bulletin 879.
- Hirnyck, R.E., D. Carlson, L. Herbst, J. Thomas and D. Clarke. 2012. Protecting Water Quality with Agricultural Best Management Practices (BMPs). University of California, Davis powerpoint curriculum.
- Hirnyck, R.E. 2012. Safe Pesticide Use. 2012 Pacific Northwest Pest Management Handbooks; minor revisions (Weed Management, pp B-6-B-17 and Insect Management, pp. 597-609). Pacific Northwest Extension Publication.
- Gunn, D., R.E. Hirnyck, G. Shewmaker, S. Takatori and L. Ellis. 2011. Meadow Voles and Pocket Gophers: Management in Lawns, Gardens, and Cropland. Pacific Northwest Extension Publication, PNW 627.
- Hirnyck, R.E. 2011. Safe Pesticide Use. 2011 Pacific Northwest Pest Management Handbooks; minor revisions (Weed Management, pp 7-19 and Insect Management, pp 660-672). Oregon State University Extension Service.
- Hirnyck, R.E. 2010. Safe Pesticide Use. 2010 Pacific Northwest Pest Management Handbooks; minor revisions (Weed Management, pp 7-19 and Insect Management, pp 660-672). Oregon State University Extension Service.
- Alvarez, J.M. and R. Hirnyck. 2009. Small Grain Pests. 2009 Pacific Northwest Insect Management Handbook. Oregon State University, Extension Service, pp 19-28.
- Hirnyck, R.E. 2009. Safe Pesticide Use. 2009 Pacific Northwest Pest Management Handbooks; minor revisions (Weed Management, pp 7-19 and Insect Management, pp 640-652). Oregon State University Extension Service.
- Hirnyck, R., L. Downey Blecker, W. Jones, J.M. Alvarez. 2008. Field Guide to Potato Pests in English and Spanish. University of Idaho, BUL #856.
- Hirnyck, R.E., J. Miller, L.A. Downey and D. Clarke. 2008. Pest Management Strategic Plan for Western Organic Potatoes. www.wrPMC.ucdavis.edu/CropProfiles/index.html.
- Alvarez, J.M. and R. Hirnyck. 2008. Small Grain Pests. 2008 Pacific Northwest Insect Management Handbook. Oregon State University, Extension Service, pp 19-27.

Extension Publications (cont.):

- Hirnyck, R.E. 2008. Safe Pesticide Use. 2008 Pacific Northwest Pest Management Handbooks (Weed Management, pp 7-17; Insect Management, pp 616-627). Oregon State University Extension Service.
- Hirnyck, R.E., L.A. Downey and S. O'Neal Coates. 2007. Pest Management Strategic Plan for Western Forage Crops. www.wrpmc.ucdavis.edu/CropProfiles/index.html.
- Hirnyck, R.E., L.A. Downey and S. O'Neal Coates. 2007. Pest Management Strategic Plan for Potatoes; A Revision. www.wrpmc.ucdavis.edu/CropProfiles/index.html
- Alvarez, J.M. and R. Hirnyck. 2007. Small Grain Pests. 2007 Pacific Northwest Insect Management Handbook. Oregon State University, Extension Service. pp18-27.
- Mahler, R.L., R. Hirnyck, and A. Coulter. 2007. Pesticide Handling Practices to Protect Groundwater. University of Idaho, CIS# 861.
- Mahler, R.L., A. Coulter, and R. Hirnyck. 2007. Nitrate and Groundwater. University of Idaho, CIS# 872.
- Hirnyck, R.E. L.A. Downey and S. O'Neal Coates. 2005. Pest Management Strategic Plan for Western U.S. Sugarbeet Production. www.wrpmc.ucdavis.edu/CropProfiles/index.html.
- Hirnyck, R.E., L.A. Downey and S. O'Neal Coates. 2004. Pest Management Strategic Plan for Western U.S. Alfalfa and Clover Seed Production. www.wrpmc.ucdavis.edu/CropProfiles/index.html.
- Hirnyck, R.E., L. A. Downey and S. O'Neal Coates. 2004. Pest Management Strategic Plan for PNW Small Grains (Wheat and Barley). www.wrpmc.ucdavis.edu/CropProfiles/index.html.
- Hirnyck, R.E. and Lisa A. Downey. 2003. Idaho Dry Beans Crop Profile. University of Idaho CIS # 1092.
- Hirnyck, R.E., Kelly Olson and Lisa A. Downey. 2003. Idaho Barley Crop Profile. University of Idaho CIS # 1096.
- Hirnyck, R.E., L. Unger and S. O'Neal Coates. 2002. Pest Management Strategic Plan for Pacific Northwest Potato Production. www.wrpmc.ucdavis.edu/CropProfiles/index.html.
- Hirnyck, R.E., M. Colt, E. Fallahi, and T. Lyons. 2001. Idaho Apples Crop Profile. University of Idaho CIS # 1090.
- Hirnyck, R.E. and S. Fuchs. 2001. Idaho Dry Peas Crop Profile. http://www.pmcenters.org/crop_profiles/pmstate.crop.cfm
- Hirnyck, R.E., and S. Fuchs. 2001. Idaho Sweet Corn Crop Profile. http://www.pmcenters.org/crop_profiles/pmstate.crop.cfm
- Hirnyck, R.E. and S. Fuchs. 2000. Idaho Lentils Crop Profile. http://www.pmcenters.org/crop_profiles/pmstate.crop.cfm
- Hirnyck, R.E., and S. Fuchs. 2000. Idaho Green Peas Crop Profile. http://www.pmcenters.org/crop_profiles/pmstate.crop.cfm
- Hirnyck, R.E. and J. Bragg. 2000. Idaho Potato Crop Profile. http://www.pmcenters.org/crop_profiles/pmstate.crop.cfm
- Hirnyck, R.E., J. Gallian and D. Traveler. 2000. Idaho Sugarbeet Crop Profile. <http://www.pmcenters.org/cropprofiles/pmstate.crop.cfm>
- Hirnyck, R.E. and S. Fuchs. 2000. Idaho Wheat Crop Profile. http://www.pmcenters.org/crop_profiles/pmstate.crop.cfm

Curriculum Developed:

- Young, M., R. Hirnyck, E. Bechinski. 2014. Idaho Master Gardener Online Pesticide Policy Training. University of Idaho Extension Master Gardener Program.
- Staben, M., E.J. Bechinski, C. Daniels, S. Halstead, R.E. Hirnyck, J. Jenkins, P. Jepson. 2005. Practical Water Quality Education for Agricultural Professionals in the Pacific Northwest. Integrated Soil, Nutrient and Pest Water Quality Education.

Abstracts and Proceedings:

- Gunn, D., R. Hirnyck, G. Shewmaker. 2017. Gopher Management. Proceedings for the Idaho Hay and Forage Conference. In: Proc: pp.21-28.
- Abstracts and Proceedings (cont.):**
- Gunn, D., R. Hirnyck, G. Shewmaker. 2016. Vole Management. Proceedings for the Idaho Hay and Forage Conference. In: Proc: pp.14-22.
- Gunn, D. and R. Hirnyck. 2016. Managing Voles in Idaho Crops and Landscapes. Proceedings for the Vertebrate Pest Conference, Newport Beach, CA.
- Hirnyck, R.E., S.D. O’Neal, J.J. Farrar, R. Sisco. 2015. Western Region IR-4: Protecting specialty crops, practicing IPM, promoting global trade. Abstract for the Eighth International IPM Symposium, Salt Lake City, UT.
- Hirnyck, R.E. and C. Foss. 2012. Protecting Water Quality with Best Management Practices. Abstract for the 2012 Western States Pesticide Conference, Cody, WY.
- Gunn, D., R. Hirnyck, G. Shewmaker, S. Takatori, L. Ellis. Vole Management. 2011 Idaho Hay and Forage Conference. In: Proc: pp.19-27.
- Hirnyck, R.E. and D. Carlson. 2010. Using the OnePlan IPM Planner to Protect Water Quality. Poster Abstract for the 2011 National Water Quality Conference, Washington, D.C.
- Hirnyck, R.E., L. Herbst and R. Mahler. 2010. Region 10 Water Quality Program IPM Impacts to Water Quality. Poster Abstract for the 2011 National Water Quality Conference, Washington, DC.
- Hirnyck, R.E. and L. Herbst. 2009. Green Manures and Water Quality. 2009. Poster Abstract for the 2010 National Water Quality Conference, Hilton Head, South Carolina.
- Hirnyck, R.E. E. Hodgson, C. Daniels. 2009. Work Group with a Geographic Focus – A Different Way of Doing Business: The PNW Agriculture IPM Work Group Case Study. Poster proceedings of the 6th International Integrated Pest Management Symposium, Portland, Oregon.
- Hirnyck, R.E. 2007. What the Western IPM Center Can Do For You. Proceedings of the Pacific Branch Entomological Society of America meeting, Portland, Oregon.
- Hirnyck, R.E. 2006. The Pacific Northwest IPM Workgroup, Proceedings of the 5th National Integrated Pest Management Symposium, St. Louis, Missouri.
- Hirnyck, R.E. 2005. Water, Wildlife & Pesticides in the West: Pest Management’s contribution to Solving Environmental Problems, Proceeding of the Western Region IPM Symposium, Portland, Oregon.
- Hirnyck, R.E. 2004. Idaho’s IPM Standards for Potatoes, Proceedings of the University of Idaho Potato Conference, Pocatello, Idaho.
- Hirnyck, R.E. 2004. Farm Bills and IPM: The New Green Movement. Proceedings of the Western States Pesticide Conference, Spokane, Washington.
- Hirnyck, R.E. 2001. Pesticide Updates, Proceedings of the University of Idaho Winter Commodity Schools.

Research Reports:

- Final Report to CropLife IMI, University of Idaho Pesticide Safety Education Program grant, 2017. R. Hirnyck.
- Progress Report to CropLife IMI, University of Idaho Pesticide Safety Education Program grant, 2016. R. Hirnyck and J. Lucero.
- Progress Report to USDA, AD421, Idaho’s IR-4 Program, 2016. R. Hirnyck.
- Progress Report to CropLife IMI, University of Idaho Pesticide Safety Education Program grant, 2015. R. Hirnyck and J. Lucero.
- Progress Report to USDA, AD421, Idaho’s IR-4 Program, 2015. R. Hirnyck.
- Progress Report to USDA, AD421, Idaho’s IR-4 Program, 2014. R. Hirnyck.
- Progress Report to USDA, AD421, Idaho’s IR-4 Program, 2013. R. Hirnyck.
- Progress Report to USDA, AD421, Idaho’s IR-4 Program, 2012. R. Hirnyck.
- Final Report to USDA, AD421, Idaho’s Pesticide Safety Education Program, 2012. R. Hirnyck
- Final Report to USDA, AD421, , Potato Scouting Guide in English and Russian. 2012. R. Hirnyck.
- Quarterly Research Reports to U.S. EPA Region 10, Soil Fumigation Management Planner. 2010-2011. W. Newbill and R. Hirnyck.

Progress Report to USDA, AD421, Potato Scouting Guide in English and Russian. 2011. R. Hirnyck.

Research Reports (cont):

- Progress Report to USDA, AD421, Idaho's IR-4 Program, 2011. R. Hirnyck.
- Priority Upgrade Proposal to IR-4 Headquarters, Rutgers University, Use of s-metolachor for chicory. 2010. R.E. Hirnyck and D. Morishita.
- Report to the Western Region IR-4 Program, Idaho's IR-4 15 Magnitude of Residue Trials. 2010. W. Meeks and R.E. Hirnyck.
- Report to the Western Region IR-4 Program, Idaho's IR-4 12 Magnitude of Residue Trials. 2009. W. Meeks and R.E. Hirnyck.
- Report to USDA. AD421 final report for Idaho's IR-4 program, 2005-2010. R.E. Hirnyck
- Report to USDA. AD421 progress report for Idaho's IR-4 program, 2009. R.E. Hirnyck
- Report to Western IPM Center, University of California-Davis. Final report for Field Guide to Potato Pests in English and Spanish. 2009. R.E. Hirnyck
- Report to Western IPM Center, University of California-Davis. Final report for the New IPM Delivery Tool. 2009. R.E. Hirnyck
- Report to USDA. AD421 progress report for OnePlan IPM Planner. 2008. R.E. Hirnyck.
- Priority Upgrade Proposal to IR-4 Headquarters, Rutgers University, Use of difenconazole for potatoes in storage. 2008. R E. Hirnyck and N. Olsen.
- Report to the Western Region IR-4 Program, Idaho's IR-4 15 Magnitude of Residue Trials. 2008. W. Meeks and R.E. Hirnyck.
- Report to the Western Region IR-4 Program, Idaho's IR-4 Magnitude of Residue Trials. 2007. W. Meeks and R.E. Hirnyck.
- Environmental Assessment of Roundup Ready Sugar beet: A Case Study of Four Idaho Sugar Beet Fields, 2006. R.E. Hirnyck and D. Morishita.
- Report to USDA. AD421 progress report for Idaho's IR-4 program, 2006. R.E. Hirnyck
- Priority Upgrade Proposal to IR-4 Headquarters, Rutgers University, Removal of the plant-back restriction on ethofumesate labels. 2006. R E. Hirnyck.
- Priority Upgrade Proposal to IR-4 Headquarters, Rutgers University, Research residue studies for metconazole for early blight control in potatoes. 2006. R. Zollinger, R E. Hirnyck.
- Report to the Western Region IR-4 Program, Idaho's IR-4 19 Magnitude of Residue Trials. 2006. W. Meeks and R.E. Hirnyck.
- Report to USDA. AD421 progress report for Idaho's IR-4 program, 2005. R.E. Hirnyck
- Progress report to the Western Region IPM Center, Idaho Information Network. 2006. R.E., Hirnyck, E.J. Bechinski, L.A. Downey.
- Final Report to the University of Idaho Extension, Spanish Pesticide Safety Training for Pesticide Handlers. 2006. J. Neufeld, R.E. Hirnyck, S. Reddy, L.A. Downey.
- Progress report to the Western Region IPM Center, OnePlan IPM Planner. 2005. R.E. Hirnyck.
- Progress report to the Western Region IPM Center, IPM Standards and Checklist for Potatoes. 2005. R.E. Hirnyck.
- Report to the Western Region IR-4 Program. Idaho's IR-4 16 Magnitude of Residue Trials. 2005. R.E. Hirnyck and W. Meeks.
- Report to USDA. AD421 progress report for Idaho's IR-4 program. 2004. R.E. Hirnyck.
- Progress report to the Western Region IPM Center OnePlan IPM Planner. 2004. R.E. Hirnyck.
- Progress report to the Western Region IPM Center Pest Management Strategic Plans Research Associate. 2004. R.E. Hirnyck.
- Progress report to the Western Region IPM Center Idaho Information Network. 2004. R.E. Hirnyck.
- Progress report to the Western Region IPM Center status of IPM Standards Checklist. 2004. R.E. Hirnyck.
- Report to the Western Region IR-4 Program. Idaho's IR-4 15 Magnitude of Residue Trials. 2004. R.E. Hirnyck and W. Meeks.
- Report to the Western Region IR-4 Program. Idaho's IR-4 13 Magnitude of Residue Trials. 2003. R.E. Hirnyck and W. Meeks.
- Report to the Western Region IR-4 Program. Idaho's IR-4 15 Magnitude of Residue Trials. 2002. R.E. Hirnyck and W. Meeks.

- Report to the Western Region IR-4 Program. Idaho's IR-4 17 Magnitude of Residue Trials. 2001. R.E. Hirnyck and W. Meeks.
- Report to the Western Region IR-4 Program. Idaho's IR-4 14 Magnitude of Residue Trials. 2000. R. Hirnyck and W. Meeks.
- Report to the Western Region IR-4 Program. Idaho's IR-4 24 Magnitude of Residue Trials. 1999. R. Hirnyck and W. Meeks.
- Report to the Western Region IR-4 Program. Idaho's IR-4 19 Magnitude of Residue Trials. 1998. R. Hirnyck and W. Meeks.

Peer Reviewed/Evaluated (in review):

Thesis and Dissertations:

- Hirnyck, R. 1983. Management of Banks Grass Mite, Oligonychus pratensis (Banks), in Field Corn Treated with Insecticides for Control of Western Bean Cutworm, Loxagrotis albicosta (Smith). M.S. Thesis, University of Nebraska, 57 pages.

Other:

Impact Statements:

- Hirnyck, R. and J. Neufeld. 2017. Canyon County Pest Management Programs Support Local Producers and Professional Pesticide Applicators. University of Idaho Impact Statement.
- Hirnyck, R. and J. Neufeld. 2016. Pesticide Safety Education in the Treasure Valley is needed annually. University of Idaho Impact Statement.
- Finkelburg, D. and R. Hirnyck. 2015. Procrastinator's Clinic works for professional and private applicators. University of Idaho Impact Statement.
- Hirnyck, R. and J. Neufeld. 2015. Winter education for Treasure Valley growers. University of Idaho Impact Statement.
- Hirnyck, R. and J. Neufeld. 2014. PNWPestAlert.net information saves growers time and money. University of Idaho Impact Statement.
- Hirnyck, R. and J. Neufeld. 2013. Field tour increases grower awareness of drip irrigation benefits in onion. University of Idaho Impact Statement.
- Gunn, D., R. Hirnyck and S. Takatori. 2012. Use of TurningPoint Technology increases success for pesticide applicators. University of Idaho Impact Statement.
- Neufeld, J. and R. Hirnyck. 2012. Idaho OnePlan – Pesticide Applicator Recordkeeping Program. University of Idaho Impact Statement.
- Neufeld, J., R. Hirnyck, and S. Takatori. 2011. Use of TurningPoint Technology increases success for pesticide applicators. University of Idaho Impact Statement.
- Hirnyck, R.E., D. Gunn, W. Bohl, and S. Takatori. 2010. Southeastern Idaho Extension achieves success with pesticide applicator education. University of Idaho Impact Statement.
- Hirnyck, R.E., J. Neufeld, S. Reddy, S. Takatori. 2009. Pesticide Safety Education in the Treasure Valley. University of Idaho Impact Statement.
- Hirnyck, R.E. 2008. IR-4 Priority Setting Tool for New Pest Management Projects. University of Idaho Impact Statement.
- Hirnyck, R.E., J. Neufeld, S. Reddy, L.A. Downey. 2007. Educating Spanish Speaking Pesticide Handlers: Agricultural and Landscape Workers. University of Idaho Impact Statement.
- Hirnyck, R.E., Neufeld, J., S. Reddy, L.A. Downey. 2006. Spanish Pesticide Safety Training for Pesticide Handlers. University of Idaho Impact Statement.
- Hirnyck, R.E. and L.A. Downey. 2005. Pacific Northwest Pest Management Workgroup. University of Idaho Impact Statement.
- Hirnyck, R.E. 2004. A New Approach to Pest Management Planning. University of Idaho Impact Statement.

Regional Extension Water Quality Flyers:

- Hirnyck, R.E., Herbst, L. and D. Clarke. 2010. 10 Years of Regional Progress: Integrated Pest Management. PNWWATER186. http://www.pnwwaterweb.com/WQFlyers_PNW186.pdf
- Hirnyck, R.E., Herbst, L. and D. Clarke. 2010. Symposium on IPM and Water Quality Yields Exciting New Ideas for Collaboration. PNWWATER181. http://www.pnwwaterweb.com/WQFlyers_PNW181.pdf
- Hirnyck, R.E. 2010. Investigating the Connections Between Integrated Pest Management and Water Quality. PNWWATER173. http://www.pnwwaterweb.com/WQFlyers_PNW173.pdf
- Hirnyck, R.E. 2009. Using Green Manure Crops to Reduce Synthetic Pesticides. PNWWATER160. http://www.pnwwaterweb.com/initiatives/pnw_160.htm
- Hirnyck, R., R.L. Mahler, G.G. Andrews, F. Sorensen, R. Simmons, M. Cochran, S. Collman and K. Loeffelman. 2005. The OnePlan: Supporting Agriculture, Protecting Water. PNWWATER069. http://pnwwaterweb.com/WQFlyers_PNW069.
- Staben, M., E.J. Bechinski, C. Daniels, S. Halstead, R.E. Hirnyck, J. Jenkins, P. Jepson. 2005. Practical Water Quality Education for Agricultural Professionals in the Pacific Northwest. PNWWATER057. http://pnwwaterweb.com/WQFlyers_PNW057.

Scholarly Presentations and Other Creative Activities:**Presentations:**

- Hirnyck, R. 2017. Water Quality and Pesticide Performance. University of Idaho Pesticide Safety Education Program Presentation Statewide Use.
- Gunn, D., R. Hirnyck, S. Takatori. 2016. Meadow Voles: Biology and Management. University of Idaho Pesticide Training Program Presentation and Distribution to County Educators for Statewide Use.
- Hirnyck, R.E., S. Takatori. 2015. Protecting Pollinator's, Everyone's Job. University of Idaho Pesticide Training Programs Statewide, 2015-2016.
- Hirnyck, R.E. 2014. Managing Pesticide Resistance with a Good Record Keeping Tool. University of Idaho Pesticide Training Programs, Statewide, 2014-2015.
- Hirnyck, R.E. and T. Walker. 2013. Cleaning a Pesticide Sprayer. University of Idaho Extension Educators Workshop, Lewiston, ID, October 18, 2013 and Twin Falls, ID, October 29, 2013.
- Hirnyck, R.E. and C. Foss. 2012. Best Management Practices to Protect Water Quality; Agricultural and Urban. Western States Pesticide Conference, Cody, WY, May 22, 2012. [Invited presentation.](#)
- Takatori, S. and R. Hirnyck. The Label is the Law – Sometimes...Understanding Pesticide Labels and Label Language. University of Idaho Extension Educators Workshop, Lewiston, ID, October 19, 2011 and Twin Falls, ID, November 9, 2011.
- Hirnyck, R.E. and S. Donaldson. 2011. How to Teach the Environmental Fate of Pesticides and the Impact to Water Quality. National Pesticide Certification and Training Conference, Portland, OR, August 11, 2011. [Invited presentation.](#)
- Hirnyck, R.E. and S. Takatori. Soil Fumigants Label Changes for 2010. University of Idaho Extension Educators Workshop, Twin Falls, ID, October 27, 2010.
- Hirnyck, R.E. Pesticide Updates: Bedbugs, Endangered Species and NPDES Permits. University of Idaho Extension Educators Workshop, Lewiston, ID, October 19, 2010 and Twin Falls, ID, October 27, 2010.
- Hirnyck, R.E. and S. Takatori. Pesticide Personal Safety and PPE. University of Idaho Extension Educators Workshop, Lewiston, ID, October 19, 2010 and Twin Falls, ID, October 27, 2010.

Neufeld, J., R.E. Hirnyck and W. Newbill. Pesticide Application Recordkeeping. University of Idaho Extension Educators Workshop, Lewiston, ID, October 19, 2010 and Twin Falls, ID, October 27, 2010.

Presentations (cont):

- Hirnyck, R. E. Using the OnePlan computerized tool for soil fumigant management plans. Western States Pesticide Meeting, Boise, ID, May 19, 2010. [Invited presentation.](#)
- Hirnyck, R.E. and M. McCarthy. Environmental Fate of Pesticides. University of Idaho Extension Educators Workshop, Twin Falls, ID, November 3, 2009.
- Hirnyck, R.E. and S. Takatori. Using Audience Response Systems for Pesticide Safety Education. Workshop at the National Certification and Training Conference, Charleston, SC, August 12, 2009. [Invited presentation.](#)
- Hirnyck, R.E. Bridging Programs – Water Quality and Integrated Pest Management in the Pacific Northwest. USDA/CSREES Regional water quality program review, Spokane, WA, July 21, 2009.
- Hirnyck, R.E. The IPM Guide for Potatoes in English and Spanish. Presentation to the Western Region IPM Center Advisory Committee, Portland, OR, March 11, 2009. [Invited presentation.](#)
- Hirnyck, R.E. PNW Pest Management Programs and Their Link to Water Quality. Presentation to the Region 10 Regional Water Quality Project, Seattle, WA, September 15, 2008. [Invited presentation.](#)
- Hirnyck, R.E. Electronic delivery of IPM information; OnePlan IPM planner as one example. Pacific Northwest Pest Management Workgroup meeting, Corvallis, Oregon, June 12, 2008.
- Hirnyck, R.E. 2008. OnePlan IPM Planning Tool and Impact on Water Quality. Powerpoint presentation at the 2008 National Water Quality Conference, Reno, Nevada.
- Neufeld, J., R. Hirnyck, S. Reddy, L. Downey, L. Urius. 2006. Spanish Pesticide Safety Training for Pesticide Handlers. Training class for Spanish speaking pesticide handlers in Southwest Idaho.
- Hirnyck, R.E. 2006. Western Region IPM Center Example: Building IPM Partnerships with the OnePlan. National IPM Coordinators, IPM Centers and CSREES/EPA Annual Coordination Meeting. Washington, DC. [Invited presentation.](#)
- Hirnyck, R.E. 2004. OnePlan IPM Planner. Food Producers of Idaho Fact Finding EPA Tour. Post Falls, Idaho.
- Hirnyck, R.E. Farm Bills and IPM—The Green Movement. Western States Pesticides Conference, Spokane, Washington, May 11, 2004. [Invited presentation.](#)
- Hirnyck, R.E. Idaho's approach to the USDA Pest Management Centers. Western Region IPM Coordinators, San Diego, California, April 9, 2001. [Invited presentation.](#)
- Hirnyck, R.E. 2000. How Risky Was Lunch? University of Idaho Family and Consumer Science In-Service Class, Boise, Idaho. PowerPoint presentation.
- Hirnyck, R.E. Idaho's Minor Crop Advisory Committee and the Pesticide Impact Assessment Program. Western Region Pesticide Impact Assessment Program, Bozeman, Montana, September 16, 1999. [Invited presentation.](#)
- Hirnyck, R.E. Crop Profiles. USDA—National Agricultural Pesticide Impact Assessment Program Workshop, Chicago, Illinois, April 19-21, 1999. [Invited presentation.](#)
- Hirnyck, R.E. 1998. Food Quality Protection Act. University of Idaho Extension Annual Conference In-Service Training with Dr. Berna Magnuson, Moscow, Idaho.

Displays and Posters:

- Delivering Strategic Pest Alert Information and Integrated Management Options Directed to Ag and Urban Audiences. NACAA Conference, Salt Lake City, UT, 2017.
- Vole and Gopher Management. D. Gunn and R. Hirnyck. National Association of County Agricultural Agents, 2016.
- Western Region IR-4: Protecting specialty crops, practicing IPM, promoting global trade. (with S.D. O'Neal, J.J. Farrar and R. Sisco). Eighth International IPM Symposium, Salt Lake City, UT, March 24-25, 2015.

Bridging the Language Gap: An Alaska Field Guide to Potato Pests in English and Russian. (with J. Chumley, L. Clayton, and T. Jahns). Circumpolar Agricultural Conference, Girdwood, AK, September 29-October 3, 2013.

Displays and Posters (cont.):

- Idaho's IR-4 Project. Providing Safe & Effective Pesticide Options for Idaho's Specialty Crops. Southwest Idaho Legislative Tour, Parma, ID, August 27, 2013.
- 10 Years of Regional Progress: Integrated Pest Management. (with L. Herbst and R. Mahler). National Water Conference, Washington D.C., January 31-February 2, 2011.
- Protecting Water Quality with the OnePlan Integrated Pest Management Tool: A New Way to Implement BMPs. (with D. Carlson and W. Newbill). National Water Conference, Washington D.C., January 31-February 2, 2011.
- Using Green Manures to Protect Water Quality. (with L. Herbst). National Water Quality Conference, Hilton Head, South Carolina, February 22-24, 2010.
- The Pacific Northwest Integrated Pest Management Working Group Case Study (with C. Daniels and E. Hodgson). Sixth International Integrated Pest Management Symposium, Portland, Oregon, March 24-25, 2009.
- Southern Idaho Pest Management Programs (with S. Reddy and J. Neufeld). Caldwell Ag Show, January 29, 2008.
- The Pacific Northwest IPM Workgroup, Pacific Branch Entomological Society of America meeting, Portland, Oregon, March 27, 2007.
- The Pacific Northwest IPM Workgroup, 5th National Integrated Pest Management Symposium, St. Louis, Missouri, April 4-6, 2006.
- OnePlan IPM Planner and Conservation Planner, Western Region IPM Symposium, Portland, Oregon, August 2005.
- PNW Pest Management Strategic Planning, Idaho State Legislature, Boise, Idaho, January, 2005.
- Pest Management Strategic Planning, University of Idaho Extension Conference, Boise, Idaho, April 2004.
- Idaho Pest Management Center, National IPM Symposium, Indianapolis, Indiana, 2003.
- Idaho Pest Management Center, University of Idaho Extension Conference, December 2002.
- Idaho's New Virtual Pest Management Program, University of Idaho Extension Conference, Sun Valley, Idaho, April 2001.

Professional Meeting Papers, Workshops:

- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Denver, CO, September 20-21, 2017.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Orlando, FL, September 21-23, 2016.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Atlanta, GA, September 9-11, 2014.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Albuquerque, NM, September 17-18, 2013.

Professional Meeting Papers, Workshops (cont):

- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, St. Louis, Missouri, September 11-13, 2012.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Raleigh, North Carolina, September 13-15, 2011.
- Hirnyck, R.E. and L. Herbst. IPM impacts for the Region 10 Water Quality Program. Regional Water Quality Meeting, Fairbanks, AK, July 2, 2010.
- Hirnyck, R.E. Investigating the Connections Between IPM and Water Quality. Symposium Moderator. Symposium at the 94th Pacific Branch Entomological Society of America 94th Annual Meeting, Boise, ID, April 13, 2010
- Hirnyck, R.E. Seed Potato Pest Management Strategic Plan Facilitator. PMSP Workshop, Salt Lake City, UT, April 30, 2010.

Hirnyck, R.E., C. Daniels, E. Hodgson and J. Chumley. Pacific Northwest Pest Management Work Group: Transcending Boundaries With a Geographically Based Working Group, Sixth International Integrated Pest Management Symposium, Portland, Oregon, March 24, 2009.

Professional Meeting Papers, Workshops (cont):

- Hirnyck, R.E. and S. Takatori. PSEP (the old PAT program); Pesticide Safety Educational Programming for Idaho. Idaho's Pesticide Safety Education Program Workshop for County Educators, Twin Falls, Idaho, September 23, 2008.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Sacramento, California, September 16-17, 2008.
- Hirnyck, R.E. and S. Takatori. Idaho Pesticide Programs, Workshop session at the University of Idaho Extension Conference, April, 4, 2008.
- Hirnyck, R.E. and W. Meeks. University of Idaho IR-4 Updates. Presentation at the Western Region IR-4 Annual Meeting, Davis, California, March 18, 2008.
- Hirnyck, R.E. and L. Downey-Blecker. Pest Management Strategic Planning Workshop for Organic Potato Production in the Western U.S., Portland, Oregon, January 9, 2008.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Tampa, Florida, September 11-13, 2007.
- Hirnyck, R.E. and D. Carlson. How to write pest management plans for NRCS programs. Workshop session at the University of Idaho Extension Conference, April 12, 2007.
- Hirnyck, R.E. Working with NRCS to adopt IPM. Panel presentation at the Western IPM Center State Contacts Meeting, Portland, Oregon, March 28-29, 2007.
- Hirnyck, R.E. How IPM Partnerships have increased the adoption of IPM; The OnePlan Example. The Western IPM Center Symposia, Pacific Branch Entomological Society of America, Portland, Oregon, March 28, 2007. Powerpoint presentation.
- Hirnyck, R.E., J. Miller, C. Williams and J. Seago. Water Quality and IPM Funding opportunities Panel, Pacific Northwest Water Quality and Integrated Pest Management Educators Workshop, Moscow, ID, October 24-25, 2006.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Indianapolis, Indiana, September 12-14, 2006.
- Hirnyck, R.E. Integrated Pest Management Planning tool and Matrix, Idaho OnePlan Executive Committee Annual Meeting, Boise, Idaho, August 23, 2006.
- Hirnyck, R.E. and L.A. Downey. University of Idaho Pest Management Center and Pest Management Strategic Planning, PNW Pest Management Workgroup meeting, St. Louis, Missouri, April, 6, 2006.
- Hirnyck, R.E. Pest Management Strategic Planning for U.S. Pulse Crops Workshop, Spokane, Washington, February 27-28, 2006.
- Hirnyck, R.E. Pest Management Strategic Planning for Western States Forage Crops Workshop, Boise, Idaho, February 22-23, 2006.
- Hirnyck, R.E. Pest Management Strategic Planning for Pacific Northwest Organic Potatoes Workshop, Buhl, Idaho, February 16, 2006.
- Hirnyck, R.E. and L.A. Downey. University of Idaho Pest Management Center Updates. Idaho Minor Crop Committee meeting, Boise, Idaho, February 14, 2006
- Hirnyck, R.E. Pest Management Strategic Planning for Pacific Northwest Potatoes (Revised) Workshop, Pocatello, Idaho, January 26, 2006.
- Daniels, C. and R.E. Hirnyck. Pacific Northwest Ag Pest Management Workgroup—A Sub-regional approach for IPM Collaboration, Region 10 Water Quality and EPA Meeting, Seattle, Washington, November 22, 2005.
- Hirnyck, R.E., E.J. Bechinski, J. Miller and K. Esplin. Idaho NRCS Cost share conservation programs for EQIP, Idaho NRCS EQIP Planning meeting, Boise, Idaho, November 4, 2005.
- Esplin, K., R.E. Hirnyck and W. Newbill. IPM Practices and Natural Resources Conservation Service adoption for the Environmental Quality Incentives Program and other Farm Bill programs, Food Producers of Idaho meeting, Boise, Idaho, October 19, 2005.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, San Diego, California, September 13-15, 2005.

- Hirnyck, R.E., E. Foster, D. Eddy, R.L. Mahler, A. Joseph and W. Newbill. IPM and Water Quality Panel, Water, Wildlife & Pesticides in the West: Pest Management's Contribution to Solving Environmental Problems, Western IPM Symposium, Portland, Oregon, August 31, 2005.
- Hirnyck, R.E. and L.A. Downey. University of Idaho Pest Management Center Updates. Idaho Minor Crop Committee meeting, Boise, Idaho, June 24, 2005.

Professional Meeting Papers, Workshops (cont):

- Hirnyck, R.E. and L.A. Downey. University of Idaho Pest Management Center and Pest Management Strategic Planning, PNW Pest Management Workgroup meeting, Homer, Alaska, January 11, 2005.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Orlando, Florida, September 22-24, 2004.
- Hirnyck, R.E. Pest Management Strategic Planning for Pacific Northwest Onions Workshop, Boise, Idaho, February 26-27, 2004.
- Hirnyck, R.E. Pest Management Strategic Planning for Pacific Northwest Alfalfa/Clover Seed Workshop, Boise, Idaho, February 18-19, 2004.
- Hirnyck, R.E. Pest Management Strategic Planning for Pacific Northwest Small Grains Workshop, Boise, Idaho November 12-13, 2003.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Portland, Oregon, September 16-18, 2003.
- Hirnyck, R.E. Food Producers EPA and Legislative Tour, Twin Falls, August 2003.
- Hirnyck, R.E. Pest Management Strategic Planning for Pacific Northwest Mint, Portland, Oregon, October 30-31, 2002.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Orlando, Florida, September 17-19, 2002.
- Hirnyck, R.E. Idaho's Minor Crops, National Crop Grouping Workshop, Washington, DC, October 7-8, 2002.
- Hirnyck, R.E. Pest Management Strategic Planning for International Pulse Crops, Saskatoon, Saskatchewan Canada, June 25-27, 2002.
- Hirnyck, R.E. Pest Management Strategic Planning for Pacific Northwest Potatoes, Boise, Idaho, February 19-20, 2002.
- Hirnyck, R.E. Food Producers of Idaho Fact-Finding Legislative Tour, Idaho Falls, August 14-15, 2001.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Ft. Collins, Colorado, September 11-13, 2001.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Orlando, Florida, September 12-14, 2000.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Denver, Colorado, August 24-27, 1999.
- Hirnyck, R.E. Pesticide Risk Assessments and Worker Exposure, USDA/EPA Workshop, Washington, DC, July 29, 1999.
- Hirnyck, R.E. Idaho OnePlan-Research & Extension Delivery. Western Region Extension Directors and Deans Conference, Sun Valley, Idaho, July 14, 1999. Invited presentation.
- Hirnyck, R.E. Pest Management Transition Strategy for Pacific Northwest Apples and Pears, Yakima, Washington, November 19-20, 1999.
- Hirnyck, R.E. Idaho OnePlan. Pacific Northwest Agricultural Water Quality Conference, Yakima, Washington, October 20, 1998. Invited presentation.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, Orlando, Florida, September 1-3, 1998.
- Hirnyck, R.E. Idaho's Minor Use Pesticide Needs, National Food Use Workshop, New Orleans, Louisiana, October 1997.

Grants and Contracts Awarded:

Competitive:

Hirnyck, R. 2017. Idaho Minor Use Pesticide Program, FY2017. University of California-Davis. \$83,200.

Neufeld, J., R. Hirnyck. 2017. Idaho OnePlan PAR Program.
Idaho Sugarbeet Growers--\$750.
Idaho Potato Commission--\$750.
Idaho Alfalfa and Clover Seed Commission--\$750.

Competitive (cont):

Hirnyck, R., J. Neufeld. 2016. Idaho OnePlan PAR Updates. University of Idaho Extension Critical Issues. \$5,000.

Hirnyck, R. 2016. Idaho Minor Use Pesticide Program, FY2016. University of California-Davis. \$90,000.

Hirnyck, R., J. Neufeld. 2016. Sugarbeet IPM Checklist on Idaho OnePlan. Idaho Sugarbeet growers, \$10,000

Hirnyck, R., M. Burrows, T. Scholz. 2016. Pulse Crop Pest Management Strategic Plan. Western IPM Center, University of California-Davis. \$30,000

Neufeld, J., R. Hirnyck. 2016. Idaho OnePlan PAR Program.
Idaho Sugarbeet Growers--\$750.
Idaho Potato Commission--\$750.
Idaho Alfalfa and Clover Seed Commission--\$750.

Hirnyck, R. 2015. Idaho Pesticide Safety Education Program for 2015. NASDARF. \$8,100.

Hirnyck, R. 2015. Idaho Minor Use Pesticide Program, FY2015. University of California-Davis. \$77,000.

Neufeld, J., R. Hirnyck. 2015. Idaho OnePlan PAR Program.
Idaho Sugarbeet Growers--\$750.
Idaho Potato Commission--\$750.
Idaho Alfalfa and Clover Seed Commission--\$750.

Hirnyck, R. 2014. Idaho Pesticide Safety Education Program for 2014. NASDARF. \$8,100.

Hirnyck, R. 2014. Idaho Minor Use Pesticide Program, FY2014. University of California-Davis. \$77,000.

Bechinski, E., R. Hirnyck. 2014. Extension Implementation Program for IPM in Idaho 2014-2017. USDA-NIFA. \$801,836.

Hirnyck, R. 2013. Developing sustainable pesticide safety education programming in Idaho. CropLife IMI. \$75,000.

Barbour, J., J. Neufeld, and R. Hirnyck. 2013. Establishment of mint under drip irrigation in an arid PNW climate. Mint Industry Research Council. \$29,958.

Neufeld, J., R. Hirnyck. 2014. Idaho OnePlan PAR Program.
Idaho Sugarbeet Growers--\$750.
Idaho Potato Commission--\$750.
Idaho Alfalfa and Clover Seed Commission--\$750.

Hirnyck, R. 2013. Idaho Pesticide Safety Education Program. NASDARF. \$10,000.

Hirnyck, R. 2013. Idaho Mint Pest Management Survey. Mint Industry Research Council. \$10,000.

Hirnyck, R. 2013. Idaho IR-4 Field Trials, University of California Davis. \$73,500.

Bechinski, E., R. Hirnyck. 2013-2016. Idaho Extension IPM Program. USDA-NIFA. \$321,000.

Barbour, J., J. Neufeld, R. Hirnyck. 2013. Mint Yield and Water Use in Drip vs. Furrow Irrigated Mint in the Pacific Northwest. \$20,844.

Neufeld, J., R. Hirnyck. 2013. Pesticide Applicator Recordkeeping Software. Idaho Sugarbeet Research Commission. \$750.

Neufeld, J., R. Hirnyck. 2013. Pesticide Applicator Recordkeeping Software. Idaho Alfalfa and Clover Seed Commission. \$750.

Neufeld, J., R. Hirnyck. 2013. Pesticide Applicator Recordkeeping Software. Idaho Potato Commission. \$1000.

Hirnyck, R. 2012. Idaho Pesticide Safety Education Program. USDA-NIFA. \$10,000.

Hirnyck, R. W. Meeks. 2012. Idaho IR-4 Field Trials. University of California Davis. \$85,000.

Neufeld, J., R. Hirnyck. 2012. Pesticide Applicator Recordkeeping Software. Idaho Sugarbeet Research Commission. \$750.

- Neufeld, J., R. Hirnyck. 2012. Pesticide Applicator Recordkeeping Software. Idaho Alfalfa and Clover Seed Commission. \$750.
- Neufeld, J., R. Hirnyck. 2021. Pesticide Applicator Recordkeeping Software. Idaho Potato Commission. \$1000.
- Bechinski, E. R. Hirnyck. 2012. Idaho Extension IPM Program. USDA-NIFA. \$113,829.

Competitive (cont):

- Hirnyck, R., R. Mahler, J. Neufeld. 2011-2014. Perfecting IPM for Key Crops in Targeted Watersheds. Natural Resources Conservation Service Idaho Conservation Innovation Grant. \$74,705.
- Hirnyck, R. 2011. Idaho Pesticide Safety Education Program. USDA-NIFA. \$10,000.
- Hirnyck, R. W. Meeks. 2011. Idaho IR-4 Field Trials. University of California Davis. \$75,000.
- Hirnyck, R., W. Newbill, J. Neufeld. 2010. Soil Fumigant Management Planner. U.S. EPA Region 10. \$130,000.
- Bechinski, E., R. Hirnyck. 2010. Idaho Extension IPM Program. USDA-NIFA. \$138,361.
- Neufeld, J., R. Hirnyck. 2011. Pesticide Applicator Recordkeeping Software. Idaho Sugarbeet Research Commission. \$750.
- Neufeld, J., R. Hirnyck. 2011. Pesticide Applicator Recordkeeping Software. Idaho Alfalfa and Clover Seed Commission. \$750.
- Neufeld, J., R. Hirnyck. 2011. Pesticide Applicator Recordkeeping Software. Idaho Potato Commission. \$1000.
- Neufeld, J., R. Hirnyck, M. Thornton. 2011. Evaluation of Thrips Control in Drip Irrigated Onions. UI Sugarbeets and Minor Crops Topic Team Grant. \$3,000.
- Neufeld, J., R. Hirnyck, T. McCammon. 2011. Spanish Pesticide Safety Training. Canyon County Farm Bureau. \$2,000.
- Neufeld, J. and R.E. Hirnyck. Pesticide Applicator Recordkeeping Software, Idaho Alfalfa and Clover Seed Commission. 2010. \$750.
- Neufeld, J. and R.E. Hirnyck. Pesticide Applicator Recordkeeping Software, Idaho Sugarbeet Research Commission. 2010. \$750.
- Neufeld, J. and R.E. Hirnyck. Pesticide Applicator Recordkeeping Software, Idaho Potato Commission. 2010. \$750.
- Hirnyck, R.E. and T. Jahns. Alaska IPM Potato Scouting Guide in English and Russian. USDA/NIFA Western Region IPM. 2010. \$28,329.
- Hirnyck, R.E. Idaho's Pesticide Safety Education Program. USDA/NIFA. 2009. \$21,803.
- Hirnyck, R.E., E. Bechinski, J. Strand, and M. McCarthy. Homeowner IPM and Pesticide Information for Idaho Pest Management Center. USDA/NIFA Western IPM Center. 2009. \$10,000.
- Hirnyck, R.E. Idaho's Pesticide Safety Education Program. USDA/CSREES. 2008. \$22,289.
- Hirnyck, R.E. and E.J. Bechinski. Idaho Pest Management Center Information Network. USDA/CSREES Western IPM Center. 2008. \$25,000.
- Hirnyck, R.E. Idaho's Pesticide Safety Education Program. USDA/CSREES. 2007. \$13,765.
- Hirnyck, R.E. and S. Reddy. The OnePlan IPM Planner. USDA/CSREES. 2007. \$100,000.
- Hirnyck, R.E. and E.J. Bechinski. Idaho Pest Management Center Information Network. USDA/CSREES Western IPM Center. 2007. \$25,000.
- Hirnyck, R.E., S. Reddy. A New IPM Delivery Method to Increase Adoption Rates. USDA/CSREES Western IPM Center. 2006. \$26,325.
- Hirnyck, R.E., C.H. Daniels. Funding for a joint meeting of PNW 406 programs (Water Quality and IPM). USDA/CSREES Western IPM Center. 2006. \$3,600.
- Hirnyck, R.E. and E. J. Bechinski. Idaho Pest Management Center Information Network. USDA/CSREES Western IPM Center. 2006. \$53,505.
- Hirnyck, R.E. Pest Management Strategic Plan Regional Research Assistant. USDA/CSREES Western IPM Center. 2006. \$33,089.
- Hirnyck, R.E. Three Regional Pest Management Strategic Planning Workshops; Revised potato, organic potato, forage crops. USDA/CSREES, Western IPM Center. 2006. \$39,327.
- Hirnyck, R.E., D. Morishita. Environmental Assessment of Roundup Ready Sugarbeets: A Case Study of Four Idaho Growers. Beet Sugar Development Foundation. 2006. \$17,185.

- Neufeld, J. S. Reddy and R.E. Hirnyck. Spanish Pesticide Safety Training for Pesticide Handlers Class. University of Idaho Extension Critical Issues. 2006. \$2,542.
- Hirnyck, R.E. and E.J. Bechinski. Idaho Information Network. USDA/CSREES Western IPM Center. 2005. \$46,876.
- Hirnyck, R.E. and L.A. Downey. Idaho Crop Profiles. Western IPM Center. 2005. \$8,646.
- Hirnyck, R.E. Western Region Pest Management Strategic Planning Research Assistant. USDA/CSREES Western IPM Center. 2005. \$33,089.
- Competitive (cont.):**
- Hirnyck, R.E. OnePlan IPM Planner. USDA/CSREES Western IPM Center. 2004. \$34,043.
- Hirnyck, R.E. Sugarbeet Pest Management Strategic Planning Workshop. Western IPM Center, 2004, \$23,863.
- Hirnyck, R.E., L.A. Downey and W. Jones. Spanish IPM Scouting Manual. Western Region IPM Center, 2004, \$44,814.
- Hirnyck, R.E. OnePlan Workgroup and IPM Planner. Western Region IPM Center, 2004. \$53,926.
- Hirnyck, R.E. and E.J. Bechinski. Idaho Information Network and Pest Management Strategic Plan Associate. Western Region IPM Center, 2004. \$61,977.
- Hirnyck, R.E. PNW Alfalfa/Clover Seed Pest Management Strategic Planning Workshop. Western Region IPM Center, 2004. \$9,753.
- Hirnyck, R.E., L.A. Downey and W. Jones. Potato IPM Scouting Manual (English/Spanish). University of Idaho Critical Issues. 2003. \$2,000.
- Hirnyck, R.E. and E.J. Bechinski. Incorporation of IPM Guidelines in Natural Resources Conservation Service Conservation Planning. Western Region IPM Center. 2003. \$15,195.
- Hirnyck, R.E. and E.J. Bechinski. OnePlan IPM Planner Phase I. Western Region IPM Center. 2003. \$29,750.
- Hirnyck, R.E. and E.J. Bechinski. Idaho Information Network. Western Region IPM Center. 2003. \$24,974.
- Hirnyck, R.E. Alfalfa/Clover Seed Pest Management Strategic Plan. Western Region IPM Center. 2003. \$9,753.
- Hirnyck, R.E. and E.J. Bechinski. Western Region Pest Management Strategic Plans Research Assistant. Western Region IPM Center. 2003. \$20,362.
- Hirnyck, R.E. PNW Small Grains Pest Management Strategic Plan. Western Region IPM Center, 2003, \$6,500.
- McCurdy, Sandra, Shelly Johnson and Food Safety Topic Team members (Ronda Hirnyck and Pamela Hutchinson) Food Safety workshops for entrepreneurs (Pesticide educational materials). University of Idaho Special Grant, 2003, \$300.
- Hirnyck, R.E. Biodiesel Production, Phase III. National Renewable Energy Lab, Golden, Colorado. 2002, \$11,000.
- Hirnyck, R.E. and E. Bechinski. Idaho Pest Management Center. USDA/Western Region IPM Center, 2002-03, \$85,485.
- Hirnyck, R.E. and E. Bechinski. Idaho Pest Management Center. University of California, 2001-02, \$102,516.
- Hirnyck, R.E. and E. Bechinski. Idaho Pest Management Center. University of California, 2000-01, \$55,598.
- Hirnyck, R.E. Idaho Crop Profile Development. University of California, 2000, \$15,000.

Non Competitive:

- Hirnyck, R.E. Idaho's Pesticide Safety Education Program. Syngenta Agricultural Stewardship Program gift. 2012. \$10,000.
- Hirnyck, R.E., Neufeld, J., Newbill, W. Idaho OnePlan PAR. Montana State University Extension. \$11,000.
- Hirnyck, R. E. Idaho's Agricultural Program to Clear Pest Control Agents for Minor Crops. USDA – Agricultural Experiment Station. 2011. \$13,700.
- Hirnyck, R. E. Idaho's Agricultural Program to Clear Pest Control Agents for Minor Crops. USDA – Agricultural Experiment Station. 2010. \$13,700.

Hirnyck, R. E. University of Idaho IR-4 Field Research Center. University of California-Davis. 2009. \$95,000.

Hirnyck, R.E. Idaho's Agricultural Program to Clear Pest Control Agents for Minor Crops. USDA-Agricultural Experiment Station. 2009. \$13,700.

Hirnyck, R.E. Idaho's Agricultural Program to Clear Pest Control Agents for Minor Crops. USDA-Agricultural Experiment Station. 2008. \$13,700.

Non Competitive: (cont.)

Hirnyck, R.E. and W. Meeks. University of Idaho IR-4 Field Research Center. University of California-Davis. 2008 . \$72,500.

Hirnyck, R.E. University of Idaho Food Use Field Project. Western Region IR-4 Program. 2007. \$85,500.

Hirnyck, R.E. Pesticide Safety Education Program. USDA/CSREES. 2007. \$13,765.

Hirnyck, R.E. Idaho's Agricultural Program to Clear Pest Control Agents for Minor Crops. USDA-Agricultural Experiment Station. 2007. \$13,700.

Hirnyck, R.E. University of Idaho Food Use Field Project. Western Region IR-4 Program. 2006. \$83,000.

Hirnyck, R.E. Idaho's Agricultural Program to Clear Pest Control Agents for Minor Crops. USDA-Agricultural Experiment Station. 2006. \$13,700.

Hirnyck, R.E. Idaho Minor Crop Pesticide Development Program. Idaho State Legislature. 2006. \$50,000.

Hirnyck, R.E. Idaho Minor Crop Pesticide Development Program. Idaho State Legislature. 2005. \$50,000.

Hirnyck, R.E. and W. Meeks. Idaho's IR-4 Regional Field Research Center. Western Region IR-4, 2005. \$68,800.

Hirnyck, R.E. and W. Meeks. Idaho IR-4 Regional Field Center Equipment Needs. Western Region IR-4. 2005. \$4,900.

Hirnyck, R.E. Idaho's Agricultural Program to Clear Pest Control Agents for Minor Crops. USDA/CSREES. 2004. \$13,700.

Hirnyck, R.E. and W. Meeks. Idaho's IR-4 Field Research Center. Western Region IR-4, 2000-03, \$75,000.

Hirnyck, R.E. Idaho's Pesticide Impact Assessment Program. USDA/CSREES, 1999-2000, \$65,000.

Hirnyck, R.E. Idaho's Agricultural Program to Clear Pest Control Agents for Minor Uses 1998-2003, \$58,000.

Hirnyck, R.E. Idaho's Pesticide Impact Assessment Program. USDA/CSREES, 1998-99, \$65,000.

Hirnyck, R.E. Idaho's Pesticide Impact Assessment Program. USDA/CSREES, 1997-98, \$65,000.

Honors and Awards:

National Association of County Agricultural Agents Communication Award (Poster), Regional Winner, 2017.

National Association of County Agricultural Agents Communication Award, National Finalist, 2014.

National Association of County Agricultural Agents Communication Award, Regional Winner, 2014.

USDA-National Institute of Food and Agriculture National Water Program 2010 Project of Excellence.

University of Idaho Extension Diversity Award. Pesticide Safety Training for Spanish Speaking Employees Working on Farms in Southwest Idaho. Team award. 2009.

Governor of Idaho Award for Excellence in Agriculture, Innovation/Technology. OnePlan Steering Committee, 2005.

National Meritorious Service Award. USDA InterRegional Research Project No. 4 (IR-4) Program, 2002.

Idaho OnePlan Outstanding Service Award, OnePlan Steering Committee, 2000.

SERVICE:**Major Committee Assignments:**

National:

- Pesticide Safety Education Program, National Stakeholder Team, Steering Committee Member, 2017-present.
- Pesticide Safety Education Program National Stakeholder Team --IPM Workgroup Chair, 2016-present.
- International 2018 IPM Symposium, Program Committee, 2016-present.
- Pesticide Safety Education Program National Stakeholder Team, 2013-present.
- USDA/CSREES Pest Information Platform for Extension and Education (PIPE); Education and Outreach Subcommittee, 2007-2010.
- USDA/CSREES National Water Quality webpage committee; content specialist, 2006.
- U.S. EPA Safe Drinking Water Act Advisory Committee, 1996.
- EPA/SFIREG Water Quality Working Group, 1995-97.
- Whole Farm Planning National Technical Committee for National Association of State Departments of Agriculture, 1994-96.

Regional:

- Western Region IR-4 Regional Director Search Committee, 2017-present.
- Western Region-WERA1017 IPM Committee, 2015-present.
- Western Region IPM Center Working Group for IPM and Water Quality, 2011 – 2012.
- Western Region WERA Proposal development committee, 2010.
- Western Region IPM Center and Water Quality Symposium planning committee chair, 2009-2010.
- Pacific Northwest, Region 10 Water Quality Program, Integrated Pest Management liaison, 2008-2009.
- Western Region IPM Center 2007 Conference Planning Committee, 2006-2007.
- Western Region IPM Center Pest Management Strategic Plan Committee, 2005-present.
- Pacific Northwest 2006 Water Quality Educators Workshop and Training planning committee.
- Pacific Northwest Pest Management Workgroup, 2003-present.
- Western Region 2005 IPM Symposium planning committee member, 2004-present.
- Western Region Pest Management Center Steering Committee, 2000-04.
- Western Region IR-4 Executive Committee, 1998-present.
- Promotional Review Committee for Dr. Sandra McDonald, Colorado State University, 2002.

State:

- Idaho State Department of Agriculture Turf and Ornamental Stakeholder Committee, ISDA, 2017-present.
- Idaho Agricultural Pollution Abatement Plan Revision Committee, Idaho Association of Soil Conservation Districts, 2015.
- Idaho NRCS State Technical Committee, 2009-present.
- Idaho State Department of Agriculture Pesticide Certification and Licensing Committee, 2010-present.
- Idaho State Seed Council, 2007-present.
- Idaho State Department of Agriculture Pesticide Management Plan for Ground Water—an EPA Program, Advisory Committee. 2005-present.
- Fact Finding Tour planning committee, Food Producers of Idaho. 2005.
- Idaho Ground Water Agricultural Coordinating Committee Information and Education Subcommittee, 2004-present.
- Idaho Pesticide Management Commission, 2002-present.
- Idaho State Department of Agriculture Recordkeeping Taskforce, 2000.
- Idaho Minor Crop Committee; Technical Advisor, 1999-present.
- State of Idaho, Health & Welfare Committee on Farm Safety and pesticides, 1999.
- Idaho Home*A*Syst technical review committee, 1997-2010.

Idaho OnePlan Steering Committee, 1996-present.
 Idaho OnePlan Topic Leader for Pest Management, Endangered Species, and Organics, 1996-2011.
 Idaho Ground Water Agricultural Coordinating Committee, 1993-present.
 Idaho Best Management Practices Technical Committee, 1991-97.

University of Idaho:

University:

Major Committee Assignments (cont.):

University Promotion and Tenure Committee, 2011.
 Office of Sponsored Programs review of pre-award process, 2011.

College:

CALS By-laws revision committee.
 CALS Safety Committee, 2008-present.
 Search Committee for Cropping Systems Specialist, Department of Plant, Soils, and Entomological Sciences. 2007.
 University of Idaho-Boise Information Technology Strategic Plan Committee, CALS Representative. 2007.
 Extension Advisory Committee, District II Representative. 2005-2007.
 CALS Topic Teams: Potatoes, Sugar beets and minor crops, Horticulture, Integrated water and environmental quality, 2001-present.

District:

Mentoring committee for Rich Guggenheim, 2016-present.
 Extension Districts/unit P & T By-laws committee chair. 2016.
 District Promotion and Tenure Committee, chair, 2010-present.
 Mentoring committee for Montessa Young, 2012-2015.
 Mentoring committee for Tony McCammon, 2009-2012.
 UI-Boise TRIO Program Search Committee, 2010.
 Competitive Ag Position Development Team member, 2004.
 Horticulture Position Development Team member, 2004.
 District II Awards Committee, 2003-2007.
 University of Idaho PSES Internal Advisory Committee, 1998-2002
 Search Committee Water Quality Extension Faculty, University of Idaho, 1998.

Professional and Scholarly Organizations:

American Association of Pesticide Safety Educators (AAPSE), 2002-present.
 Association of Natural Resource Extension Professionals (ANREP), 2002-2008.
 Idaho Association of Natural Resource Extension Professionals, 2005-2008.
 Leadership Idaho Agriculture 1995-present, Treasure Valley Meeting Committee, 2002-03.

Outreach Service:

Classes, Workshops, Seminars, Share Fairs and Tours Organized:

University of Idaho Pesticide Safety Education Pre-license classes and exam session:
 Caldwell, ID, March 13-17, 2017.
 Lewiston, ID, March 7-10 2017.
 Idaho Falls, ID, February 28-March 3, 2017.
 Jerome, ID, February 7-10, 2017.
 Western Idaho Ag Show, Caldwell, Idaho, January 24-25, 2017.
 Magic Valley Ag Expo Pesticide Recertification Workshop, Twin Falls, Idaho, February 3, 2017.
 Pulse Crops Pest Management Strategic Planning Workshop (with Mary Burrow, MSU and Todd Scholz, USA Pulses), Bozeman, MT, November 9-10, 2016.

Western Region IPM Committee (WERA1017), Annual meeting and tour, Boise, ID, July 7-8, 2016.

University of Idaho Pesticide Safety Education Pre-license classes and exam session:

Caldwell, ID, March 15-18, 2016.

Lewiston, ID, March 1-4, 2016.

Idaho Falls, ID, February 23-26, 2016.

Jerome, ID, February 16-19, 2016.

Western Idaho Ag Show, Caldwell, Idaho, January 26-27, 2016.

Classes, Workshops, Seminars, Share Fairs and Tours Organized (cont):

Magic Valley Ag Expo Pesticide Recertification Workshop, Twin Falls, Idaho, February 4, 2016.

University of Idaho Extension Adobe Captivate Training, Boise, Idaho, May 20, 2015.

University of Idaho Extension Educators Pesticide Safety In-service, Boise, Idaho, April 1, 2015.

University of Idaho Pesticide Safety Education Pre-license classes and exam session:

Caldwell, ID, March 17-20, 2015.

Lewiston, ID, March 3-5, 2015.

Idaho Falls, ID, February 24-27, 2015.

Jerome, ID, February 17-20, 2015.

University of Idaho Pesticide Safety Education Pre-license classes and exam session:

Caldwell, ID, March 18-21, 2014.

Lewiston, ID, March 4-7, 2014.

Jerome, ID, February 18-21, 2014.

Magic Valley Ag Expo Pesticide Recertification Workshop, Twin Falls, Idaho, February 5, 2015.

Western Idaho Ag Show, Caldwell, Idaho, January 27-28, 2015.

Pesticide Safety Education Program Stakeholder Focus Group Meetings:

Rexburg, Idaho, September 30, 2014

Blackfoot, Idaho, September 30, 2014

Twin Falls, Idaho, October 1, 2014

Caldwell, Idaho, October 2, 2014

Lewiston, Idaho, October 28, 2014

University of Idaho Parma R & E Center research plot tour for Western SARE (Neufeld, Thornton), Parma, Idaho, August 5, 2014.

University of Idaho Parma R & E Center research plot tour for Simplot employees (Neufeld, Thornton, and Barbour), Parma, Idaho, June 18, 2014.

Magic Valley Ag Expo Pesticide Recertification Workshop, Twin Falls, Idaho, January 30, 2014.

Idaho Pesticide MRL Workshop, Nampa, Idaho, December 2, 2013.

University of Idaho Extension Educators Pesticide Workshop, Twin Falls, Idaho, October 29, 2013.

University of Idaho Drip Irrigation in Onions Tour, Parma, Idaho, August 15, 2013.

University of Idaho Pesticide Safety Education Pre-license classes and exam session:

Caldwell, ID, March 19-22, 2013.

Lewiston, ID, March 5-8, 2013.

Jerome, ID, February 19-22, 2013.

Idaho Falls, ID, February 5-8, 2013.

IR-4 Western Region research and commodity liaison meeting and field tour, Boise, Idaho, March 13-14, 2012.

University of Idaho Extension Educators Pesticide Workshop, Twin Falls, Idaho, November 9, 2011.

University of Idaho Extension Educators Pesticide Workshop, Lewiston, Idaho, October 19, 2011.

University of Idaho Extension Educators Pesticide Workshop, Twin Falls, Idaho, October 27, 2010.

University of Idaho Extension Educators Pesticide Workshop, Lewiston, Idaho, October 19, 2010.

- IPM Symposium at the Pacific Branch of the Entomological Society of America 94th Annual Meeting, Boise, Idaho, April 13, 2010.
- University of Idaho Pesticide Safety Education Program Workshop, Twin Falls, Idaho, November 3, 2009.
- Pest management mini-symposia, Sixth International Integrated Pest Management Symposium, Portland, Oregon, March 24, 2009.
- University of Idaho Pesticide Safety Education Program Workshop, Twin Falls, Idaho, September 23, 2008.

Classes, Workshops, Seminars, Share Fairs and Tours Organized (cont):

- Pesticide Licensing Workshop for University of Idaho County Educators, Caldwell, Idaho, April 4, 2008.
- Western States Organic Potato Pest Management Strategic Planning Workshop, Portland, Oregon, January 9, 2008.
- Western IPM Center green manure field tour, Southern Idaho, September 18-19, 2007.
- NRCS Farm Planning Workshop, University of Idaho Annual Extension Conference, Moscow, Idaho, April 12, 2007.
- Western IPM Center Symposia, Pacific Branch Entomological Society of America, Portland, Oregon, March 28, 2007.
- University of Idaho Spanish Pesticide Safety Training for Southwest Idaho (organized by committee):
- Caldwell, Idaho, February 21, 2017.
 - Caldwell, Idaho, February 24, 2016.
 - Caldwell, Idaho, February 26, 2015.
 - Caldwell, Idaho, February 25, 2014.
 - Caldwell, Idaho, February 21, 2013.
 - Caldwell, Idaho, February 22, 2012.
 - Weiser, Idaho, February 17, 2011.
 - Weiser, Idaho, February 16, 2010.
 - Weiser, Idaho, February 24, 2009.
 - Weiser, Idaho, February 20, 2008.
 - Weiser, Idaho, February 28, 2007.
 - Parma, Idaho, March 14, 2006.
- Pacific Northwest Water Quality/IPM Educators Workshop and Training, Moscow, Idaho, October 24-25, 2006.
- Western States Forage Crops Pest Management Strategic Planning Workshop, Boise, Idaho, February 22-23, 2006.
- Pacific Northwest Organic Potato Pest Management Strategic Planning Workshop, Buhl, Idaho, February 16, 2006.
- Pacific Northwest Potato Revised Pest Management Strategic Planning Workshop, Pocatello, Idaho, January 26, 2006.
- Food Producers of Idaho EPA Fact Finding Tour, Idaho Falls, Idaho, August 16, 2005. (tour organized by committee)
- Western Region IPM Symposium—Water, Wildlife & Pesticides in the West: Pest Management's contribution to Solving Environmental Problems. Portland, Oregon, August 31-September 1, 2005. (A member of the planning committee and chaired two sessions.)
- Integrated Soil Nutrient and Pest Water Quality Education Workshop, Boise, Idaho, February 1, 2005.
- Western States Sugarbeet Pest Management Strategic Planning Workshop, Boise, Idaho, December 15, 2004.
- Food Producers of Idaho EPA Fact Finding Tour, Northern Idaho, August 20, 2004. (EPA tour organized by committee.)
- Minor crops/Conservation Practices tour for Western Region IPM Center staff, Treasure Valley, Idaho, July 30, 2004.
- Pacific Northwest Alfalfa/Clover Seed Pest Management Strategic Plan Workshop, Boise, Idaho, February 18-19, 2004.
- Pacific Northwest Small Grains Pest Management Strategic Plan Workshop, Boise, Idaho, November 12-13, 2003.

Western Region Pest Management Center Workshop, Reno, Nevada, August 28-30, 2001.

(workshop organized with the Steering Committee.)

Idaho OnePlan Retreat, Cascade, Idaho, December 2-3, 1999.

Drift Management Workshop, Boise, Idaho, February 24-25, 1999.

Food Quality Protection Act--EPA Hearing, Boise, Idaho, July 23, 1998.

IR-4 workshop, Twin Falls, December 7, 1998.

Miscellaneous Extension Publications:

- Hirnyck, R.E., D. Gunn, and S. Takatori. 2017. Pesticide tables for Vole and Gopher Management. UI Extension website
- Hirnyck, R.E., D. Gunn, and S. Takatori. 2016. Pesticide tables for Vole and Gopher Management. UI Extension website.
- Hirnyck, R.E., D. Gunn, G. Shewmaker, B. Loftus. 2015. UI Extension: Temperate Weather Increases Vole Damage to Crops, Landscaping. University of Idaho News Release.
- Hirnyck, R.E., D. Gunn, and S. Takatori. 2015. Pesticide tables for Vole and Gopher Management. UI Extension website
- Hirnyck, R.E., D. Gunn, and S. Takatori. 2014. Pesticide tables for Vole and Gopher Management. UI Extension website.
- Hirnyck, R.E., R. L. Mahler, and L. Herbst. 2010. WERA Proposal for a new Western Region Working Group on IPM and Water Quality. Proposal submitted to Western Region Extension and AES Directors.
- Hirnyck, R.E. 2008. Idaho State Brief. The Western Front Newsletter of the Western IPM Center.
- Hirnyck, R.E. C. Daniels and L. Herbst. 2007. Pest Management Strategic Plans Impacts. Western Integrated Pest Management Center Brochure.
- Hirnyck, R.E. Nomination packet for 2006 IPM Achievement Award. 2006. Submitted to the National IPM Symposium award committee, February, 2006.
- Hirnyck, R.E. NRCS cost sharing for biofumigation and field scouting. Treasure Valley and Pacific Northwest Pest Alert, November 8, 2005.
- Hirnyck, R.E. "OnePlan" Conservation Planning Tool to Deliver Information. Western Front, the Western IPM Center Newsletter, June 2006.
- Olson, K., R.E. Hirnyck and J. Orr. Idaho State Pesticide Management Commission 2004 Annual Report, November 1, 2004.
- Olson, K. R.E. Hirnyck and J. Orr. Idaho Minor Crop Committee—Food Producers of Idaho Report, November 1, 2004.
- OnePlan IPM Planner Situation Statement-Water Quality Topic Team, University of Idaho IDEAS Reporting, 2004.
- Idaho Pest Management Center Situation Statement-Other Commercial Crops Topic Team, University of Idaho IDEAS Reporting, 2004.
- IR-4 Situation Statement-Other Commercial Crops Topic Team, University of Idaho IDEAS Reporting, 2004.
- Pesticides and Food Safety Situation Statement-Food Safety Topic Team, University of Idaho IDEAS Reporting, 2002.
- USDA/Pesticide Impact Assessment Program Annual Impact Statements 1997-2000.

Popular Press:

- Hirnyck, R.E. Managing Pesticide Resistance. Idaho State Department of Agriculture Newsletter. February, 2015.
- Gunn, D., R. Hirnyck, G. Shewmaker, S. Takatori, and L. Ellis. Vole Management. Progressive Forage Grower Magazine, March 1, 2011.
- Hirnyck, R.E. and L.A. Downey. Idaho Pest Management Center Newsletter, 2003-present.
 August 4, 2006
 July 21, 2006
 July 7, 2006
 June 30, 2006
 June 16, 2006
 March, 2006
 September, 2005
 August, 2005
 July, 2005 with additional West Nile Virus Insert
 May, 2005
 April, 2005
 March, 2005

Popular Press: (cont.)

May, 2004
 October, 2003
 September, 2003
 June, 2003
 May, 2003
 April, 2003

Hirnyck, R.E. and S. Fuchs, Idaho Pest Management Center Newsletter, 2001-2002.
 November, 2002
 January, 2002
 November, 2001
 September, 2001
 August, 2001
 June, May, 2001

Interview Articles:

Too Many Voles A Problem for Southern Idaho. Samantha Wright. Boise State Public Radio, October 20, 2015.
 Simplifying integrated pest management, Marlene Fritz. University of Idaho Programs and People, Feature article on the IPM planner and the OnePlan. Summer 2006.
 UI Extension Education Trends 2003-04: Agriculture and Natural Resources, 2004.
 Farm Bureau Radio Program, interview, April 2, 1999.
 Food Safety and Food Trends, Farm Bureau television program. Featured University of Idaho Minor Use Pesticide Development Program, and Impact of the Food Quality Protection Act on Idaho crop production, 1999.
 "Endangered Pesticides", Marlene Fritz. Programs & People. Summer 1998. Feature article on Pesticide Coordinator's programs and the Food Quality Protection Act.

Judging:

Leadership Idaho Agriculture debate judge for class debate on genetically modified organisms, 2000.

Review Activities:

University of Idaho Extension CIS reviewer, 2015: "Hobo Spiders".
 University of Idaho Extension CIS reviewer, 2015: "Elm Seed Bug".
 National IR-4 Webpage; Food Use pages reviewer, 2015.
 University of Nevada Cooperative Extension publication reviewer, 2014: "Biological Control Options for Invasive Weeds in Nevada".
 University of Nevada cooperative Extension publication reviewer, 2012: Chapter 6 of a pesticide safety training manual, "Right-Of-Way Pest Control".
 University of Nevada Cooperative Extension publication reviewer, 2010:
 Pesticides and Pets
 Questions to Ask Before Hiring a Pest Control Operator
 Idaho USDA Natural Resources Conservation Service Conservation Innovation Grants proposal reviews, July 27, 2010.
 USDA/NIFA Extension Special Needs Proposal Reviewer, 2010.
 Idaho USDA Natural Resources Conservation Service Conservation Innovation Grants proposal reviews, May 28, 2009.
 Western Region IPM Center, Regional relevancy reviews for the USDA Pest Management Alternatives Program, May 13, 2009.
 Northeastern Region IPM Center Competitive Grants Review Panel, 2007.
 Northeast IPM Center. Grant Review Panel for Regional IPM grants. February 6, 2006
 Southern IPM Center. Grant Review Panel for Regional IPM grants. May 31, 2006.
 USDA/CSREES Pest Management Section 406 Competitive Grants Program National Proposal Reviewer, 2005.

Review Activities: (cont.)

- Brewer, Michael and Robert Hoard. Adoption of Pest, Nutrient, and Conservation Vegetation Management Using Financial Incentives Provided by a USDA Conservation Program. HortTechnology. September 20, 2005.
- Reddy, Cook, Davis, Fallahi. Insect Control for Stonefruit in Home Orchards. University of Idaho, CIS 605. July 1, 2005.
- Reddy, Cook, Davis, Fallahi. Insect Control for Apples and Pears. University of Idaho CIS 603. July 1, 2005.
- USDA/CSREES Pest Management Section 406 Competitive Grants Program National Proposal Reviewer, 2004.
- USDA-CSREES Pest Management Alternatives Program National Proposal Reviewer, 2001-02.
- Western Region Pesticide Impact Assessment Program, Grant Review Committee, 1998-99.

Community Service:

- Jury Duty, 2003
- 4-H Leader, 2001-2007.
- Western Idaho Llama Association, Youth development, 2000-04
- Wildlife Habitat Evaluation Program Coach (State Champions and 8th Nationally, 2002), 2001-present
- Idaho Fish & Game Bitterbrush Planting, 2000-present
- Western Idaho Fair, Agricultural Pavilion Host, 1995-present
- INEEL Scholastic State Tournament, Time Keeper, 2003
- Spanish speakers finance class volunteer, 2001
- Volunteer Elementary Classroom speaker on "Agriculture and Careers in Agriculture", 1999 and 2001
- Sunday School Teacher, 1987-2000
- Camp Fire Leader, 1994-97

PROFESSIONAL DEVELOPMENT:**Teaching:**

- U.S. EPA Region 10 Pesticide Programs meeting, Seattle, WA:
October 17-18, 2017.
January 11-12, 2017.
- Western States Pesticide Conference, Scottsdale, AZ, May 17-19, 2016.
- National Pesticide and Certification and Training Conference, U.S. EPA and NASDA, Philadelphia, Pennsylvania
- University of Idaho Extension Adobe Captivate Training, Boise, Idaho, May 20, 2015.
- Training Manual Development Workshop, American Association of Pesticide Safety Educators, Nebraska City, Nebraska, May 12-14, 2015.
- UI-CALS Educational Communications Technology Training, Moscow, Idaho, May 22, 2014.
- National Pesticide Certification and Training Conference, U.S. EPA and NASDA, St. Paul, Minnesota, August 5-8, 2013.
- Use and Handling of Personal Protective Equipment, NIOSH webinar, October 24, 2011.
- Using Video for Pesticide Safety Education, AAPSE webinar, August 23, 2012.
- Western States Pesticide Conference, Cody, WY, May 22-24, 2012.
- Use of Audience Response Systems for pesticide safety education, national training meeting, Harrisburg, PA, October 5-7, 2011.
- National Pesticide Certification and Training Conference, Portland, OR, August 8-11, 2011.
- Regional Pesticide Certification and Training meeting, Vancouver, WA, August 31-September 1, 2010.
- Western States Pesticide Meeting, May 18-20, 2010.
- Regional Pesticide Certification and Training meeting, Vancouver, WA, September 1-2, 2009.
- National Pesticide Certification and Training Conference, Charleston, SC, August 10-13, 2009.
- Pesticide Safety Education Program development, Colorado State University, Ft. Collins, Colorado, June 25, 2008.

Teaching: (cont.)

Western States Pesticide Safety Education Program Meeting, Scottsdale, Arizona, May 13-15, 2008.
 Smart Board Training, University of Idaho-Boise, April 10, 2002.
 LifeSpan Development, University of Idaho-Boise, College of Education, Semester Credit Class,
 Spring Semester, 2000.
 Conversational Spanish-8 week class, Boise, Idaho, Spring 2000.
 Distance Education Workshop, University of Idaho, Compressed Video, Boise, Idaho, March 16, 1999.

Scholarship:

WERA 1017 IPM and Western Pesticide Risk Workshop, San Diego, CA, July 25-27, 2017.
 Snake River Weed Tour, Kimberly, ID, June 20, 2017.
 IR-4 Western Region State Liaison Representative Meeting, Ft. Collins, CO, April 25-27, 2017.
 WERA 1017 Regional Meeting, Boise, ID, July 7-8, 2016.
 University of Idaho Pest Management Field Tour, Kimberly, Idaho, June 15, 2016.
 Western Region IR-4 Meeting, Salt Lake City, UT, April 19-20, 2016.
 Western IPM Center Meeting, Boise, Idaho, April 28, 2015.
 WERA 1017 Regional Meeting, Salt Lake City, Idaho, March 24, 2015.
 University of Idaho Pest Management Field Tour, Kimberly, Idaho, June 23, 2015.
 Pollinator Protection Field Day, Northwest Center for Alternatives to Pesticides, Boise, Idaho,
 September 3, 2014.
 WERA 1017 Regional Meeting, Bozeman, Montana, July 7-8, 2014.
 Columbia River Watershed Conference, Walla Walla, Washington, July 2, 2014.
 University of Idaho Weed Tours, Kimberly and Aberdeen, Idaho, June 24-25, 2014.
 IR-4 Western Region field research meeting and training, Richland, Washington, March 25-26, 2014.
 Pesticide Residues: What to Communicate to Consumers, Webinar by Produce for Better Health
 Foundation, July 17, 2013.
 University of Idaho Weed Tours, Kimberly and Aberdeen, Idaho, June 25-26, 2013.
 Pesticide MRL Workshop, California Minor Crops Council, San Francisco, California, June 5-6, 2013.
 IR-4 Western Region Field Research Meeting and Field Tour, University of California-Davis, Santa
 Cruz, California, March 26-27, 2013.
 Lower Boise River Watershed Tour, Ada County Soil, Water, Conservation District, Canyon County
 Idaho, June 4, 2012.
 Protecting Human Research Participants, NIH online training. 2012.
 Soil Fumigant Label Changes and Buffer Zones training, Nampa, ID, August 17, 2011.
 Malheur Experiment Station Field Day, Ontario, Oregon, July 13, 2011.
 Biodiversity Working for Farmers Tour, Twin Falls, Idaho, June 23, 2011.
 Western Region IR-4 State Liaison Meeting and Field Tour. University of California, Davis,
 California. March 15-16, 2011.
 National Water Conference, Washington, D.C., January 31-February 2, 2011.
 EPA/ISDA Training on Soil Fumigant label changes, Boise, Idaho, September 28, 2010.
 NRCS Field Training for Conservation Plans, Parma, Idaho, April 20-22, 2010.
 American Chemical Society – Agro Division International Conference, San Francisco, California,
 March 22-24, 2010.
 IR-4 Western Region Field Research meeting and training, Yuma, Arizona, March 16-18, 2010.
 National Water Quality Conference, Hilton Head, South Carolina, February 22-24, 2010.
 Using Logic Models for Integrated Pest Management program and grant preparation. USDA/CSREES
 Webinar, September 9, 2009.
 University of Idaho, PSES Field Crops Day, Moscow, Idaho, June 24, 2009.
 Snake River Weed Tours, Ontario, Oregon, Kimberly and Aberdeen, Idaho, June 4, 16, 17, 2009.
 National Water Quality Conference, St. Louis, Missouri, February 9-12, 2009.
 Sixth International Integrated Pest Management Symposium, Portland, Oregon, March 23-26, 2009.
 Western Region IR-4 State Liaison Meeting and Field Tour. Bozeman, Montana, March 17-19, 2009.
 Western Region IR-4 State Liaison Meeting and Field Tour. University of California, Davis,
 California, March 18-19, 2008.
 Western Region IR-4 State Liaison Meeting and Field Tour. Colorado State University, Ft. Collins,
 Colorado, March 21-22, 2007.

Scholarship (cont):

- Western Region IR-4 Good Laboratory Practices Training, University of Hawaii, Honolulu, Hawaii, January 17-19, 2007.
- Pacific Branch Entomological Society of America IPM Center Symposia, Portland, Oregon, March 28, 2007.
- Water Quality-Integrated Pest Management Educators Training, Region 10 Water Quality Program, Moscow, Idaho, October 24-25, 2006.
- Grant training for CSREES electronic grant format—grants.gov. Sarah Koerber, Boise, Idaho, October 18, 2006.
- Green Manure Field Day and Tour, Northwest Coalition to Alternatives to Pesticides, Ft. Hall Reservation, Idaho, October 17, 2006.
- Fifth National Integrated Pest Management Symposium, St. Louis, Missouri, April 4-6, 2006
- Western Region Liaison Meeting and Field Tour. North Willamette Field Research Station, Oregon State University, Aurora, Oregon, March 22-23, 2006.
- Western Region IPM Symposium—Water, Wildlife & Pesticides in the West: Pest Management's contribution to Solving Environmental Problems. Portland, Oregon, August 31-September 1, 2005.
- University of Idaho Snake River Weed Tour, Kimberly, Idaho, June 22, 2005.
- Ovid Scientific Database training, Boise, Idaho, March 21, 2005.
- Farm planning and Costs of Conservation Practices, Idaho Soil Conservation Commission, Boise, Idaho, March 14, 2005.
- Pesticide Drift and Buffers for pest management, iSNAP Workshop, Boise, Idaho, February 1, 2005.
- Agriculture and Ground Water Issues in the Pacific Northwest Conference, Boise, Idaho, October 19-20, 2004.
- Endangered Species Conference, Boise, Idaho, October 6, 2004.
- Small berry and nursery crop production in Northern Idaho, Sandpoint, Idaho, August 4, 2004.
- Western States Pesticide Conference, Spokane, Washington, May 11, 2004.
- Grant Writing Workshop, University of Idaho, Boise, Idaho, April 21, 2004.
- IR-4 Priority Setting Tool training, Davis, California, February 6, 2004.
- Idaho Potato Conference, Pocatello, Idaho, January 21-22, 2004.
- Good Laboratory Practices Training, Western Region IR-4 program, Riverside, California, October 10, 2003.
- Idaho Potato Commission Research and Education Committee meeting, Pocatello, Idaho, January 21, 2003.
- University of Idaho Potato Conference, Pocatello, Idaho, January 22-23, 2003.
- Sugarbeet Working Group Meeting, Twin Falls, Idaho, December 10, 2002.
- IR-4 Regional Meeting, Arlington, Virginia, October 10, 2002.
- IR-4 National Meeting, Arlington, Virginia, October 9, 2002.
- How Field Events Affect Residues/Tolerances; Analytical Laboratory Sample Handling and Analysis; Data Summary and Report Writing, IR-4 Training, Arlington, Virginia, October 9, 2002.
- National Renewable Energy Labs Stage Gate Review, Golden, Colorado, July 23, 2002.
- Agro-Eco Zones and Pest Management Workshop, Oregon State University, Corvallis, Oregon, October 25-26, 2001.
- IR-4 Regional Meeting, Tulsa, Oklahoma, October 18, 2001.
- IR-4 National Meeting, Tulsa, Oklahoma, October 17, 2001.
- Snake River Weed Control Tour, Ontario, Oregon, Parma, Kimberly and Aberdeen, Idaho, June 18-21, 2001.
- University of Idaho Potato Conference, Pocatello, Idaho, January 17-18, 2001.
- Snake River Sugar Beet Conference, Twin Falls, Idaho, January 11-12, 2001.
- Sugarbeet Research Committee Meeting, Twin Falls, Idaho, December 12, 2000.
- Plant Disease Shortcourse, Idaho Plant Pathology Society, Twin Falls, Idaho, December 5, 2000.
- IR-4 Regional Meeting, Colorado Springs, Colorado, October 12, 2000.
- IR-4 National Meeting, Colorado Springs, Colorado, October 11, 2000.
- Idaho Food Quality Institute Meeting, Boise, Idaho, July 21, 2000.
- University of Idaho Parma Research & Extension Center Field tour, Parma, Idaho, July 11, 2000.
- Idaho Apple Commission Research Meeting, Parma, Idaho, March 3, 2000.
- Snake River Sugarbeet Conference, Twin Falls, Idaho, January 13-14, 2000.

Scholarship (cont):

Sugarbeet Research Committee meeting, Twin Falls, Idaho, December 14, 1999.
 Idaho OnePlan/Regional NRCS Planning meeting, Boise, Idaho, August 13, 1999.
 Idaho Mint Growers Tour, Southern Idaho, June 24, 1999.
 Snake River Weed Tour, Kimberly, Idaho, Parma, Idaho, and Ontario, Oregon, June 8-10, 1999.
 Sugarbeet Research Committee Meeting, Mountain Home, Idaho, December 8, 1998.
 Idaho Society of Plant Pathology meeting, Twin Falls, Idaho, November 19-20, 1998.
 IR-4 Regional Meeting, Phoenix, Arizona, October 7, 1998.
 IR-4 National Meeting, Phoenix, Arizona, October 7, 1998.
 Idaho Mint Growers Tour, Southern Idaho, June 24, 1998.
 University of Idaho Weed Tour, Parma, Idaho, June 3, 1998.
 Idaho Food Quality Assurance Institute meeting, Twin Falls, Idaho, April 16, 1998.
 Sugarbeet Research Review Meeting, Twin Falls, Idaho, February 24, 1998.
 Pacific Northwest Entomology Meetings, Portland, Oregon, January 5-6, 1998.

Outreach:

University of Idaho Extension Conference, Burley, ID, April 4-6, 2017.
 University of Idaho Extension Conference, Moscow, ID, April 5-7, 2016.
 University of Idaho Extension Conference, Boise, Idaho, March 30-April 1, 2015.
 University of Idaho Extension Conference, Moscow, Idaho, March 11-13, 2014.
 University of Idaho Extension Conference, Moscow, Idaho, April 8-11, 2013.
 University of Idaho Extension Conference, Boise, Idaho, April 3-5, 2012.
 University of Idaho Extension Conference, Moscow, Idaho, April 4-7, 2011.
 Tri-State meeting for delivering outreach programs to clientele on soil fumigant labels, Pasco, Washington, July 8, 2010.
 University of Idaho Extension Conference, Burley, Idaho, April 15, 2010.
 Pacific Northwest IPM Working Group meeting, Portland, Oregon, March 24, 2009.
 Far-West organizational and planning meeting, Boise, Idaho, November 19, 2008.
 Organic potato field tour, Shoshone, Idaho, September 19, 2008.
 Snake River Weed Tours, University of Idaho, Kimberly and Aberdeen, Idaho, June 17-18, 2008.
 University of Extension Conference, Boise, Idaho, April 3, 2008.
 Pacific Northwest IPM Workgroup meeting, conference calls:
 December 12, 2007
 March 5, 2007
 October 31, 2008
 Pacific Northwest IPM Workgroup meeting, Corvallis, Oregon, June 12, 2008.
 University of Idaho Extension Conference, Moscow, Idaho, April 11-13, 2007.
 Western Region IPM Center State Contacts Meeting, Portland, Oregon, March 28-29, 2007.
 Pacific Northwest IPM Workgroup meeting, Portland, Oregon, March 27, 2007.
 Pacific Northwest Pest Management Workgroup meeting, St. Louis, Missouri, April 6, 2006.
 Pacific Northwest Pest Management Workgroup meeting, Portland, Oregon, August 30, 2005.
 Western States Pesticide Conference, Las Vegas, Nevada, May 11-12, 2005.
 Pacific Northwest Pest Management Workgroup meeting, Homer, Alaska, January 10-11, 2005.
 University of Idaho Extension Conference, Boise, Idaho, April 19-23, 2004.
 Western Region IPM Center meeting, Palm Springs, California, October 6-9, 2003.
 Using Focus Groups to Evaluate Extension Programs, University of Idaho, Boise, Idaho, October 3, 2003.
 Using Observation to Evaluate Extension Programs, University of Idaho, Boise, Idaho, October 3, 2003.
 Snake River Weed Tours, UI and Oregon State University, Parma, Kimberly, Aberdeen, Idaho, June 12, 17, 18, 2003.
 Western States Pesticide Conference, Salt Lake City, Utah, May 6-9, 2003.
 National IPM Symposium, Indianapolis, Indiana, April 6-9, 2003.
 Western Region Pest Management Center Meeting, Phoenix, Arizona, October 21-23, 2002.

Outreach (cont):

IDEAS Training, University of Idaho Caldwell Research & Extension Center, Caldwell, Idaho, September 25, 2002.

University of Idaho Newsletter Preparation training, Boise, August 28, 2002.

Alfalfa Seed Growers EPA Tour, Canyon County, Idaho, August 15, 2002.

Western Region Pest Management Center Meeting, Portland, Oregon, April 24-25, 2002.

Pest Management Strategic Planning Training Workshop, Spokane, Washington, April 9, 2002.

National USDA Water Quality Conference, Boise, Idaho, March 11-12, 2002.

Pacific Northwest Pest Managers Coalition Meeting, Boise, Idaho, February 18, 2002.

Pacific Northwest Pest Managers Coalition Meeting, Portland, Oregon, December 6-7, 2001.

Pest Management Strategic Planning Workshop, Reno, Nevada, August 30, 2001.

Western States Pesticide Conference, Portland, Oregon, May 8-11, 2001.

Pacific Northwest Pest Managers Coalition Meeting, Portland, Oregon, May 7, 2001.

University of Idaho Extension Conference, Sun Valley, Idaho, April 2-5, 2001.

Working with Volunteers, UI Extension, 2001.

University of Idaho Mini-Conference on Rural Development, Boise, Idaho, November 29-30, 2000.

National Pesticide Information Retrieval System Pesticide Database Training, Boise, Idaho, October 25, 2000

Pacific Northwest Pesticide Issues Conference, Puyallup, Washington, October 19, 2000.

Uniroyal Chemical Company meeting, Boise, Idaho, October 3, 2000.

Western Region Pest Management Center Meeting, Portland, Oregon, August 29-30, 2000.

EPA/USDA Conference Call on triallate risk assessment, July 19, 2000.

USDA Record Keeping National Conference, Boise, Idaho, 2000.

Vole Task Force meeting, Twin Falls, Idaho, May 26, 2000.

EPA/USDA Conference Call on propargite risk assessment, July 25, 2000.

Western States Pesticide Conference, Colorado Springs, Colorado, May 16-19, 2000.

Western Region Pesticide Impact Assessment Program meeting, Colorado Springs, Colorado, May 15, 2000.

University of Idaho PSES Seminar on Biotechnology, Compressed Video, Parma Research & Extension Center, April 26, 2000.

EPA/USDA Conference Call on reldane risk assessment, April 12, 2000.

IR-4 National Programs Conference, Boise, Idaho, January 21, 2000.

Western Region Pesticide Impact Assessment Program meeting, San Diego, California, January 10-12, 2000.

Increasing Extension Outreach to Hispanics, UI Extension, 1999.

EPA Technical Briefing on supracide and metasystox-R, and Food Quality Protection Act assessments, Sacramento, California, December 8, 1999.

Pacific Northwest Pesticide Impact Assessment Program and IR-4 Program meeting, Richland, Washington, November 22-23, 1999.

Extension In-Service Training, Boise, Idaho, November 16-17, 1999.

PowerPoint Training, UI Extension, Sun Valley, Idaho, 1999.

Western Region Pesticide Impact Assessment Program, Bellingham, Washington, September 14-17, 1999.

Idaho OnePlan Executive Committee Meeting, Boise, Idaho, August 3, 1999.

University of Idaho Extension Conference, Sun Valley, Idaho, April 14-16, 1999.

Diet and Cancer Conference, University of Idaho and St. Lukes Hospital, Boise, Idaho, May 21, 1999.

Western Region Pesticide Impact Assessment Program, Bozeman, Montana, September 15-17, 1998.

Idaho Crop Protection Association Annual meeting, Sun Valley, Idaho, September 8-10, 1998.

National Pesticide Impact Assessment Program meeting, Sacramento, California, May 5-7, 1998.

University of Idaho Extension Conference, Moscow, Idaho, April 27-30, 1998.

Grain Producers of Idaho meeting with Sen. Larry Craig, Boise, Idaho, April 13, 1998.

EPA/USDA Food Quality Protection Act Workshop, St. Louis, Missouri, February 18-19, 1998.

Onion Growers Association Meeting, Caldwell, Idaho, February 3, 1998.

Administration/Management:

Leadership Idaho Agriculture Alumni Session, Boise, Idaho, February 12-13, 2004.
Leadership Idaho Agriculture Alumni Session, Boise, Idaho, February 24-25, 2000.
Coaching Skills Training/Class, Idaho Personnel Commission, Boise, Idaho, February 8-9, 2000.
Decision Making, Leadership Idaho Agriculture, 2000.
Debra Benton's Coaching, UI Extension Mini Conference, November 1999.
Leadership Idaho Agriculture Alumni Session, Boise, Idaho, February 11-12, 1999.
Managing Change, 1995.
Managing the People Resources, Interpersonal Dynamics, Inc., 1995.
Coaching Skills for Managers and Supervisors, 1994.
Seven Habits of Highly Successful People, Idaho Personnel Commission, 1994.
Conflict Resolution, Idaho Personnel Commission, 1994.
Communication Skills for Women, 1993.
Hermann Brain Dominance Training, 1987.