

ANDREW D. KAHN
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EDUCATIONAL BACKGROUND

M.S. University of California at Davis, Davis, CA. **1989.**

Plant Protection and Pest Management

Cumulative G.P.A.: 3.72

B.S. Colorado State University, Ft. Collins, CO. **1986.**

Entomology (plant protection concentration)

Cumulative G.P.A.: 3.5

SYNOPTIC COURSE OUTLINE

Entomology

Applied Entomology
Agronomic Entomology
Insect Identification
Insect Behavior
Insect Pest Management
Forest Entomology
Aquatic Insects
Insect-Plant Disease Relationships
Evolution and Classific. of Insects
Insect Chemical Ecology
Spider Identification
Arthropod Management in Agriculture
Internship, Pest Management Consulting

Chemistry

General Chemistry I & II
Organic and Bio Chemistry

Math/Statistics

Ag Economics
Algebraic Manipulation
Logarithmic and Exponential Function
Calculus for Bioscience
Intro - Statistical Methods
Experimental Design

Other Pest Management Courses

Biology and Control of Weeds
International Crop Protection
Elements of Plant Pathology
Pest Management I & II
General Plant Nematology
Ag Chem Application Technology
IPM Concepts and Systems

Seminars

Plant Pathology
Internship, Sustainable Agric.

Other Science

Attributes of Living Systems
Applied Pomology I & II
Plant Classification
Biology of Organisms, Plant
Biology of Organisms, Animal
Intro Soil Science
General Crops
Principles of Genetics
Ecology
Plant Physiology
Environmental Toxicology
Legal Aspects of Envir. Tox.

WORK EXPERIENCE

(March 2005 to present).

Associate in Research, Washington State University-Tree Fruit Research and Extension Center. Wenatchee, WA.

Currently working $\frac{3}{4}$ time in the lab of Dr. Jay Brunner. Primary duties involve small plot trials of next-generation Codling moth mating disruption technologies, including micro-devices (flakes and fibers), sprayables, and combination twin tube products. Supervise summer crew of two to four workers. Data entry, statistical analysis, preparation of posters and Powerpoint slide presentations. Still field consulting part time, as described below.

(Feb. 1991 to present).

Owner, Northwest IPM Inc. Wenatchee, WA.

Currently serving 15 orchardists, totaling 2800 acres, primarily apples and pears, with integrated pest management (IPM) orchard monitoring and consultation. Practices include intensive use of pheromone traps to determine pest treatment thresholds, use of electronic temperature recorders and computer generated phenology tables to determine treatment timing, and various fruit and foliar sampling techniques to assess secondary pest status. Goals are to raise a commercially acceptable crop while reducing pesticide use. Use of "softer" practices enhances activity of endemic predators and parasites. Also contract some efficacy trials with new biorational compounds. Frequent contact and cooperative projects with entomologists at WSU Tree Fruit Research and Extension Center, Wenatchee. Train and supervise one field scout annually.

(April 1989 to Feb. 1991).

Pest Management Specialist, West Consulting, Inc. Austin, Colo. Responsible for pest management monitoring and advice on control practices for 35 growers, totaling approx. 1100 acres. Crops included mostly apples, pears, peaches and cherries, as well as lettuce, broccoli and onions. Trained and supervised two field scouts.

(March 1988 to Sept. 1988).

Pest Management Intern, Deseret Farms of California, Sacramento, CA. Responsible for monitoring 1200 acres of walnuts and making pest control recommendations. Tracked weather data and calculated degree-day accumulations for optimal spray timing. Monitored soil tensiometers for irrigation scheduling.

(May to August 1985 and June to September 1987).

Technician, Timber Forest Pests/Cooperative Forest Management, U.S. Forest Service, Denver, CO. Extensive travel throughout Colorado assessing forest pest populations and damage, and assembly and preservation of a forest insects reference collection.

Laboratory Assistant, Dr. Whitney Cranshaw, Colorado State University. Dept. of Entomology, Ft. Collins, CO. Compiled and edited the bulk of **Insect Pests of Colorado Trees** and other Extension publications. (8/85-6/86).

Laboratory Assistant, Dr. J. L. Capinera, Colo. State. University, Dept. of Entomology, Ft. Collins, CO Five semesters work-study plus two summers full time doing pest population and damage assessments, pesticide and cultural control trials, statistical analysis, insect rearing, chemical assays for secondary plant compounds, and insectary maintenance. Primarily corn, beans, onions, alfalfa and rangeland. (1/83-5/85).

Laboratory Assistant, Colorado Insectary, Durango, CO Assisted in rearing and maintaining production records for the biological control organisms *Nosema locustae* and *Pediobius foveolatus*. (5/82-9/82).

AWARDS AND SCHOLARSHIPS

1986 - Phi Beta Kappa, Delta chapter of Colorado.

1984-86 - Colorado Pest Control Association Entomology Scholarship

SPECIAL SKILLS AND QUALIFICATIONS

Moderate ability in Spanish.

Personal computer skills with Word, Excel, Powerpoint, and accounting software.

Washington Pest Control Advisors license: #40766.

PROFESSIONAL SOCIETIES

Entomological Society of America

Association of Applied Insect Ecologists

Washington State Horticultural Society

North Central Washington Fieldmens Association

PUBLICATIONS

Christian H. Krupke, Jay F. Brunner, Michael D. Doerr, and Andrew D. Kahn. 2001. Field Attraction of the Stink Bug *Euschistus conspersus* (Hemiptera: Pentatomidae) to Synthetic Pheromone-Baited Host Plants. *Journal of Economic Entomology: Vol. 94, No. 6, pp. 1500–1505.*

Kahn, A.D. 1992. Grape Mealybug Control in Apple, Insecticide and Acaricide Tests: 1992. (Vol 17). Entomological Society of America. Lanham, MD

Kahn, A.D. 1987. Foliar Pests of Dry Beans, Service-in-Action Sheet. Cooperative Extension Service, Colorado State University, Ft. Collins, CO. 4 pp.

Warzynski, R.P., A.D. Kahn, W.S. Cranshaw, D. Leatherman. 1986. Insect Pests of Colorado Trees, Cooperative Extension Bulletin 506A. Colorado State University, Ft. Collins, CO. 60 pp.

PRESENTATIONS

“Further Advances in Mating Disruption” Western Orchard Pest and Disease Management Conference. Portland, OR. Jan. 2006

“Effect of Kaolin (Surround) on Western Tentiform Leafminer and it’s Principle Parasitoid *Pnigalio flavipes*” Western Orchard Pest and Disease Management Conference. Portland, OR. Jan. 2001

“Augmenting Stinkbug Control with the Use of Pheromones” Western Orchard Pest and Disease Management Conference. Portland, OR. Jan. 2000

“Managing Leafrollers with the New Soft Pesticides” Panel. WSHA Annual Conference. December, 1998.

IDFTA Pest Management Panel Discussion Pasco, WA Feb.1998.

“New Faces of Pest Management” CM Areawide Project Conference. Jan. 1998.

“Pheromone-based IPM strategies for apples and pears: Emerging technologies in pest management” Session chair. WSHA Annual Conference. December, 1995

“IPM Programs: What’s Involved To Be “Involved”?” Chief Wenatchee Grower Meeting, Jan. 1995.

“Pest Management Responses to New Biological Challenges and Social Demands” WSHA Annual Conference. December, 1994

“Intensive Trapping Program for Codling Moth Management” WSHA Annual Conference. Dec. 1992.

"Mealybug Management" Blue Chelan/Trout Field Day, Feb. 1992.

"Biology and Control of Grape Mealybug in Apples and Pears" Manson Hort Day, January 1992.

"Reducing Pesticide Use in Orchards" to Black Canyon Audubon Society, October 1990.

"IPM and Horticulture in New Zealand" to Western Colo. Hort. Association, March 1990.

"New Developments in Integrated Pest Management" to Western Colo. Hort Assoc., May 1989.

REFERENCES

Dr. Jay Brunner TFREC
Washington State University
1100 N. Western Ave.
Wenatchee, WA 98807

Dr. Larry Gut
Dept of Entomology
Michigan State University
East Lansing, MI 98823

Don Thomson
DJS Consulting
3015 SW 109th St.
Seattle, WA 98146

Pat Weddle
Weddle, Hanson & Associates, Inc.
PO Box 529
Placerville, CA 95667