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Leadership Experience

Biologist/Project Leader, Apple Leaf LLC. Northeast and Pacific Northwest (2004—Present)

- **Primary Duties:** Design, implement, and supervise tailored IPM strategy programs for over 30 different commodities and 60 plus clients. Instantiate crop nutrient plans. Streamline and develop organic and GAP/GMP, employee hygiene based protocols, Pest Risk Assessment, and lead pre audit programs (GlobalGAP, Tesco Nature's Choice, BRC, Primus Labs, SQF, Primus Labs, NOP-USDA, USDA GAP/GHP). Manage Domestic GAP and third party verification program for Eco-Labeling inspection and organic programs and train in-house inspectors. Instruct clients on digital pesticide and pest recording systems. Spearhead IPM-related collaborations with key stakeholders (Government, County Extension, University and private organizations). Successfully write and manage related grants, RFP(s), educational texts GPS & GIS systems, and company website.
- **Secondary Duties:** Hire, manage, and train 5 seasonal employees, Development of company infrastructure; pricing, services, contracts, etc, Design and shape business plan to reflect current and future company endeavors, Market research and development of advertisement agenda and budget, Internal education material design and implementation, Track and collect scientific information.

Environmental Consultant, US Peace Corps/Slovak Republic (1999-2001)

- **Primary Projects:** Co-led 5-party international team in the identification, assessment and eradication of obsolete pesticides in Hungary and Slovakia; subsequently authored the strategy-focused text, *Inventory of Obsolete Pesticides in Hungary and Slovakia*. Served as public relations coordinator and education trainer for 200+ volunteers on programs devoted to sustaining endangered amphibian and wetland project areas. Designed, presented, and trained in a bilingual forum, colleagues on biological data collection methods for amphibian, mammals, fish, and avian surveys. Coach and Mentor for Roma orphan children. Successfully wrote and managed international grants worth over \$50,000.

Biologist, Resources Northwest Inc. WA & OR (1998)

- **Primary Duties:** Conducted 100s of unsupervised stream inventories in and around National Forests and Parks of Oregon and Washington, Sampled, assessed and analyzed habitat data, diagnosed potential future threats regarding endangered species survival and co-led input team devoted to future conservation plans of watershed ecosystems in Washington and Oregon. Worked as liaison between local population and biological teams, educating individuals about the importance of our work.

Biologist, National Marine Fisheries Services AK & WA (1997- 1998)

- **Primary Duties:** Completion of 5 week NMFS Domestic Groundfish course, scoring over 85% on certification exams. Conducted unsupervised data collection in harsh and dangerous environments aboard four different types of fishing vessels in the Bering Sea. Responsible for design and implementation of random sampling systems and advised NMFS on catch quotas. Monitored and assessed interaction between endangered species and fishing vessels. Led education programs for fishermen and local stakeholders about NMFS policies, U.S. regulations and Affidavit documentation; testified against violators of federal fisheries regulations and Endangered Species Act.

Biologist, US Fish & Wildlife Service MI (1997)

- **Primary Duties:** Monitored and rehabilitated endangered Kirkland Warbler habitat (Huron National Forest). Conducted unsupervised habitat quality and population assessments for warblers. Led advisory and education programs for local communities regarding the Endangered Species Act and

significance of Kirkland habitat. Completed certification course and conducted biological surveys for Kirkland species (*Dendroica kirtlandii*). Led and trained coworkers on USFS sampling techniques.

Education/Honors

- Masters of Science, Environmental Policy. Master's Project: Integrated Pest Management (IPM): An assessment of IPM in Orange and Ulster Counties, New York, 2004 Bard College, Bard Center for Environmental Policy (BCEP), Annandale-on-Hudson, New York (2001, BCEP Graduate scholarship winner)
- Bachelor of Science; Major: Fish & Wildlife Biology; Minor: Environmental Studies, 1996, Iowa State University (Special Honors: 1996 VESHA Leadership Award for outstanding extracurricular activities; President, Humane Society Iowa State University Student Chapter)
- Guest Speaker, "Inventory of Obsolete Pesticide Stocks in Hungary and Slovakia," Bard College (BCEP), Annandale-on-Hudson, New York, (2002)
- Guest Speaker, "An Assessment of IPM in Orange and Ulster Counties, New York," Bard College (BCEP), Annandale-on-Hudson, New York, (2004)
- Guest Speaker, "European and U.S. Agriculture," Cornell Cooperative Extension, Ulster County Fruit School, Kingston New York, (2007)
- Guest Speaker, "GAP & GMP, Food Safety Requirements for Primus Labs Verification," H. Brooks & Company, Minneapolis MN, (2008)
- Guest Speaker, "GRAS²P Food Safety and Sustainability Program Introduction for Fruit Growers in Washington State, Washington State Horticultural Association, Wenatchee, Chelan, Okanogan, and Yakima, Washington (2008-2009)
- Guest Speaker, "GRAS²P-The Process of Food Safety Audit Management, Washington State Horticultural Association, Wenatchee and Yakima.
- Poster Presentation "An Assessment of IPM Tools in Southern NY," 6th Annual International IPM Symposium, Portland OR, (2009)
- Publication: Good Fruit Grower "Audit Fatigue," Food Safety, May, 2008
- Publication: California Farmer, "Simpler Food Safety Makes Strides," July, 2008
- Proficient in Eastern European Languages, (Czech/Slovak); working knowledge of Spanish
- Highly proficient with Web design, Microsoft XP, Power Point, GPS and GIS

Training & Conferences

- Integrated Pest Management Pest and Disease, Cornell Cooperative Extension Fruit School, Kingston NY 2002-Present
- Integrated Pest Management Pest and Disease, Cornell Cooperative Extension Greenhouse School, New Paltz NY 2003-Present
- Integrated Pest Management Pest and Disease, Cornell Cooperative Extension Vegetable School, Middletown NY 2003-Present
- Cornell Cooperative Extension, EurepGAP Education & Training Program, Highland NY 2003
- Annual New York State Fruit and Vegetable Trade show, Syracuse NY 2003-Present
- Red Tomato Protocol training, Stone Ridge NY New York, 2004
- Northeast Agriculture Certified Crop Consultant (NCCC) annual IPM/Fruit Sessions, Canandaigua NY, 2005-Present
- Annual Red Tomato Growers Conference, New Hampshire, 2006-Present
- NOFA-NY Annual Conference, Organic Production 2006
- Annual New England Fruit and Vegetable IPM Conference, New Hampshire, 2006
- Annual Pennsylvania State Horticultural Association Fruit Trade Show, Hershey PA 2007
- Washington Tilth Producers Annual Conference, Organic Principles 2008-Present
- Annual Washington State Horticultural Association Fruit Producers Trade Show, 2007-Present

- Pacific Northwest Orchard Pest Management, Portland Oregon, 2007-Present
- 7th EurepGAP Conference, Critical Control Points, Prague CZ 2007
- IOBC, LIVE and Salmon Safe training session, Salem OR 2008
- Washington State University Good Agricultural Practices (GAP) Symposium, 2008
- Washington State University Pest Management Transition Project summer sessions, Wenatchee, Quincy WA, 2008-Present
- Annual Wilbur Ellis & Cascadia Ag Services Winter IPM meetings, Wenatchee WA, 2008-Present
- Washington State Cooperative Extension Fruit School, Wenatchee WA, 2008-Present
- IFOAM/IOIA Organic and Food Alliance Training Crops, Portland OR, 2008
- 6th International IPM Symposium, Portland OR, 2009
- Primus Labs, Camden NJ-QMS and GFSI Audit Recalibration Auditor Training, 2009

Affiliations

- Certified IFOAM/IOIA inspector, both domestic and international organic facilities, 2008
- Certified Inspector Red Tomato, Food Alliance, Salmon Safe, LIVE, Bio Suisse inspector, 2004-Present
- HACCP training and HACCP Codex certified, Washington State University, 2009
- Northeast Agriculture Certified Crop Council (NECCC) member and advisor, 2004---Present
- Working Group Advisor, IPM Institute of North America, Red Tomato IPM Protocol & Food Safety initiative, 2005—Present
- Working Group Advisor, WA State Hort. Association, Food Safety and Sustainability, 2008
- NRCS-Pest Management Specialist and Advisory for all EQIP contracts; Grant, Douglas, Okanogan, Chelan WA and Orange and Ulster County NY, 2006-Present
- Chelan County WA Pest and Disease Control Board Member, 2009
- Stewardship Index for Specialty Crops Advisor, Working Groups: Pesticides, Biodiversity, Water, Soil, Greenhouse Gases, 2009
- Apple Leaf sponsored NY, CT, and WA Harvest Glean Program, providing second picks to organizations in need (2002-Present)
- New York State Apple Association Advisor, Fruit Harvest Working Group, 2006-Present
- Cornell Cooperative Extension, Fruit Maturity and Post Harvest Disorder Researcher, 2006
- Orange and Ulster County, NY Fruit and Vegetable Growers Association; member, 2005-Present
- State Horticultural Association Member Pennsylvania and Washington, 2007-Present
- National Alliance of Independent Crop Consultants Member, 2007-Present
- NRCS-TSP certified, Pest Management, New York, New England, Oregon, California, and Washington State, 2007- Present
- Internship: National Wildlife Federation, focus Global Warming, Washington D.C. (2001-2002)
- Integrated Pest Management Field Tech, Cornell Cooperative Extension, Kingston NY, (2003)
- Americorps volunteer—Youth Educator & Trails program, VYCC, VT, (2002)
- Iowa State University Extension 4-H; member and educator, (1994-1996)
- Defensive Captain Iowa State University Men's Lacrosse Team, (1993-1995)
- Coach and Second Captain Saber Division, Bard College Fencing Squad, (2002-2004)