

Edward W. Hellman

Texas A&M AgriLife Research and Extension Center
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Curriculum Vitae

EDUCATIONAL TRAINING AND PROFESSIONAL EXPERIENCE

Education

Ph.D., Plant Science, 1982, University of Arkansas, Fayetteville, Arkansas
M.S., Horticulture, 1980, University of Illinois, Urbana, Illinois
B.S., Horticulture, 1977, University of Illinois, Urbana, Illinois

Professional Experience

2007-present	Professor and Extension Specialist, Texas A&M AgriLife Extension Service (75%) Professor of Viticulture, Texas Tech University (25%)
2000-2007	Associate Professor and Extension Specialist, Texas Cooperative Extension (75%) Associate Professor of Viticulture, Texas Tech University (25%)
1994-2000	Associate Professor and Extension Horticulturist, Oregon State University. Tenure granted in 1998. (100% Extension)
1990-1994	Associate Professor of Horticulture, Kansas State University Tenure granted in 1990. (60% Teaching, 40% Research)
1984-1990	Assistant Professor of Horticulture, Kansas State University (60% Teaching, 40% Research)
1983-1984	Assistant Professor of Viticulture, Florida A&M University
1980-1982	Graduate Research Assistant, University of Arkansas
1978-1979	Graduate Research Assistant, University of Illinois

PROFESSIONAL AND HONORARY SOCIETIES

Professional Society Membership

American Society for Enology and Viticulture
American Society for Horticultural Science
American Pomological Society

Honor Societies

Gamma Sigma Delta
Sigma Xi

HONORS AND AWARDS

Co-author of Best Student Poster Presentation in Viticulture with Daniel Pate. 2011.
Annual Conference of the American Society for Enology and Viticulture.
Co-author of Outstanding Student Presentation Award – Third Place with Elvis
Takow. 2008. Second Annual National Viticulture Research Conference.
Pioneer Award. Kansas Grape Growers and Winemakers Association. 2007.
Extension Division Educational Materials Award - Website Category. American
Society for Horticultural Science. 2003
President's Award for Outstanding Contributions to Viticulture. Texas Wine and
Grape Growers Association, 2003
Search for Excellence Award for Outstanding Leadership in Education Programming.
Oregon State University Extension Association, 1998.
National Communications Award – Website Category. National Association of
County Agricultural Agents, 1997.
Newer Faculty Achievement Award. Oregon State Univ. Extension Assoc., 1997.
Award of Appreciation, Kansas Grape Growers and Winemakers Association, 1994.
Co-author of U.P. Hedrick Award for best student paper with Julie Tarara.1990,
American Pomological Society.

SUMMARY OF KEY ACCOMPLISHMENTS

Leader of the Texas viticulture extension program
Leadership team of national eXtension Grape Community of Practice
Board of Directors of National Grape & Wine Initiative
Chairman of Extension Committee of National Grape & Wine Initiative
Organizer of National Viticulture and Enology Extension Leadership Conference
Research and extension grants and gifts totaling \$3,022,494
Generated \$552,640 in outreach program fees
Received national awards for two major websites
Editor of book, *Oregon Viticulture*
Secured funding and established the Texas Viticulture Extension Team
Developed The Vineyard Doctor website for diagnosis of grape problems
Developed the Texas Viticulture Short Course
Established the Texas Viticulture Certificate Program
Established the Texas Winemaking Certificate Program
Developed the Prospective Winegrower Workshops
Active in professional societies and leadership of industry organizations
Invited Speaker in 15 States or Provinces

EXTENSION PROGRAMS

The Vineyard Doctor, 2011-present
<https://vineyarddoctor.tamu.edu>

Great Vineyards Program, 2011-present
<http://winegrapes.tamu.edu/greatvineyard.html>

National eXtension Grapes website, 2010-present
<http://extension.org/grapes>

Prospective Winegrower Workshops, 2008-2012
<http://winegrapes.tamu.edu/prospective.html>

Texas Viticulture Certificate Program, 2007-present
<http://winegrapes.tamu.edu/viticulturecertificate.html>

Texas Winegrape Network, 2001-present
<http://winegrapes.tamu.edu>

Texas Viticulture Extension Team (4 FTE), 2007-2012

Texas Viticulture Short Course, 2005-2007

Northwest Berry & Grape Information Network, 1995-2000
<http://berrygrape.org>

PUBLICATIONS

Refereed Publications

Hellman, E.W., F.A. Westover, and D.E. Holman. 2013. Vineyard problem diagnostic system for mobile computing devices. *Progrès Agricole et Viticole*. 130 (9):13-17.

Takow, E.A., E.W. Hellman, A.G. Birt, M.D. Tchakerian, and R.N. Coulson. 2013. A web-based GIS application for description of American Viticultural Areas in Texas. *HortTechnology* 23:165-172.

Stafne, E.T., E.W. Hellman, R.K. Striegler, J.A. Wolpert, and J-M. Peltier. 2012. Industry involvement in the creation and funding of the eXtension grape community of practice. *HortTechnology* 22:580-582.

- Hellman, E.W., E.A. Takow, M.D. Tchakerian, and R.N. Coulson. 2011. Geology and Wine 13. Geographic information system characterization of four appellations in west Texas, USA. *Geoscience Canada* 38:6-20.
- Hellman, E.W., S. Shelby, and C. Lowery. 2006. Exogenously applied abscisic acid did not consistently delay budburst of deacclimating grapevine. *Journal of the American Pomological Society* 60:178-186.
- Basinger, A.R. and E.W. Hellman. 2006. Evaluation of regulated deficit irrigation on grape in Texas and implications for acclimation and cold hardiness. *International Journal of Fruit Science* 6(2):3-22.
- B. Strik, G. Buller, and E.W. Hellman. 2003. Pruning severity affects yield, berry weight, and hand harvest efficiency of highbush blueberry. *HortScience* 38:196-199.
- Tarara, J.M. and E.W. Hellman. 1991. 'Norton' and 'Cynthiana' – premium native wine grapes. *Fruit Varieties Journal*. 45:66-69.
- Tarara, J.M. and E.W. Hellman. 1990. The Munson grapes – A rich germplasm legacy. *Fruit Varieties Journal*. 44:127-130.
- Hellman, E.W., G.L. Yocum, and R.J. Robel. 1989. Preliminary evaluation of dimethyl anthranilate as a bird repellent on grapes. *Amer. J. Enol. Vitic.* 40:140-142.
- Clark, J.R., J.B. Buckley III, and E.W. Hellman. 1988. Seasonal variation in elemental concentration of blackberry leaves. *HortScience* 23:1080.
- Hellman, E.W. and J.D. Travis. 1988. Growth inhibition of strawberry at high temperatures. *Advances in Strawberry Production*. 7:36-38.
- Hellman, E.W. 1987. Cultivar sensitivity of grapevines to 2,4-D. *Fruit Varieties Journal*. 41:111-114.
- Hellman, E.W. 1984. An interactive microcomputer program for development and calculation of a plant breeding selection index. *HortScience* 19:812-813.
- Hellman, E.W. and J.R. Clark. 1984. Blackberry pollen sterility associated with 'Merton Thornless' germplasm. *Fruit Varieties Journal* 38:55-57.
- Skirvin, R.M. and E.W. Hellman. 1984. Blackberry products and production regions. *HortScience*. 19:195-197.
- Otterbacher, A.G., E.W. Hellman, and R.M. Skirvin. 1983. Long term storage of raspberry pollen. *Fruit Var. J.* 37:80-81.

Hellman, E.W. and J.N. Moore. 1983. Effect of genetic relationship to pollinizer on berry, seed, and seedling parameters in highbush and rabbiteye blueberries. *J. Amer. Soc. Hort. Sci.* 108:401-405.

Hellman, E.W., R.M. Skirvin, and A.G. Otterbacher. 1982. Unilateral incompatibility between red and black raspberries. *J. Amer. Soc. Hort. Sci.* 107:781-784.

In Review

Townsend, C.G. and E.W. Hellman. 2014. Viticulture in Texas: The challenges of natural hazards. *Journal of Wine Research*.

Published Abstracts

Plank, C.A., E.W. Hellman, and T. Montague. 2014. Effects of light Environment on Methoxypyrazine Content of Cabernet Sauvignon. Technical Abstracts Sixty-fifth National Conference of the American Society for Enology and Viticulture, p.91.

Takow, E., A.G. Birt, E.W. Hellman, and R.N. Coulson. 2014. The Utility of Growing Degree Days as an Index in Viticulture. Technical Abstracts Sixty-fifth National Conference of the American Society for Enology and Viticulture, p.156.

Plank, C.A., E.W. Hellman, and T. Montague. 2013. The effects of sunlight and LED light on methoxypyrazine content of ripening berries of Cabernet Sauvignon. Technical Abstracts Sixty-fourth National Conference of the American Society for Enology and Viticulture, p.163.

Stafne, E.T., E. Hellman, R.K. Striegler, K. Kelsey, L. Greer, and K. Ker. 2012. eViticulture: Online Educational Materials for Commercial Grape Growers Developed by the Grapes Community of Practice. 8th International Cool Climate Symposium for Viticulture and Oenology. Hobart, Tasmania.

Stafne, E.T., E. Hellman, R.K. Striegler, T. Martinson, B. Reisch, and J-M. Peltier. 2012. A Collaborative Research and Extension Outreach Model: the Grape Community of Practice. *Amer. J. Enol. Vitic.* 63(3):464A.

Hellman, E.W. and F.A. Westover. 2012. Diagnosis of Grape Problems with the Vineyard Doctor. *Amer. J. Enol. Vitic.* 63(3):459A-460A.

Montague, T, E. Hellman, and K. Jenkins. 2012. Physiological differences of five grape varieties grown on the Texas High Plains. *HortScience* 47(9):S57.

Montague, T., E. Hellman, and K. Jenkins. 2011. Physiology of Cabernet Sauvignon Grapevines Grafted to Different Rootstocks on the Texas High Plains. *Amer. J. Enol. Vitic.* 62(3):396A.

Pate, D.K., C. Wang, J.W. Johnson, and E. Hellman. 2011. Economic Evaluation of Winegrape Contracts. *Amer. J. Enol. Vitic.* 62(3):408A.

Hellman, E. and F. Westover. 2011. The Grape Doctor – A Vineyard Problem Diagnosis Tool. *HortScience* 46(9):S316.

Stafne, E., E. Hellman, R.K. Striegler, and J. Peltier. 2011. Industry Involvement in the Creation and Funding of the Extension Grape Community of Practice. *HortScience* 46(9):S85.

Montague, T., E. Hellman, and K. Jenkins. 2011. Influence of rootstocks on physiology of 'Cabernet Sauvignon' grapevines grown on the Texas High Plains. *HortScience* 46(9):S22.

Stafne, E., L. Greer, E. Hellman, R.K. Striegler, and K. Kelsey. 2011. eViticulture.org: A National Grape Community of Practice. *HortScience* 46(9):S18.

Montague, T., E. Hellman, and K. Jenkins. 2010. Update on Physiological Differences of Cool, Warm, and Hot Climate Grapevine Varieties Grown on the Texas High Plains. *Amer. J. Enol. Vitic.* 61(3):440A.

Stafne, E.T., E. Hellman, R.K. Striegler, and K. Kelsey. 2010. Formation of an eXtension grape community of practice. *HortScience* 45:490.

Montague, T., E. Hellman, and K. Jenkins. 2010. Physiological differences of cool, warm, and hot climate grapevine varieties on the Texas High Plains. *HortScience*. 45:495.

Montague, T., E. Hellman, and K. Jenkins. 2010. Influence of rootstocks on physiology of merlot grapevines grown on the Texas High Plains. *HortScience*. 45:514.

Hellman, E.W., E.A. Takow, M.D. Tchakerian, and R.N. Coulson. 2009. Terroir of the Texas High Plains. Abstracts of the 105th Annual Meeting Geological Society of America - Cordilleran Section. p11.

- Montague, T., E. Hellman, and M. Krawitzky. 2009. Gas Exchange of Field-Grown Cool, Warm, and Hot Climate Grapevine Varieties in West Texas. *Am. J. Enol. Vitic.* 60(3): 396A.
- Montague, T., E. Hellman, and M. Krawitzky. 2009. Comparison of Field Grown Grapevine Stomatal Conductance Measurements using Differing Porometers. *HortScience.* 44:565.
- Krawitzky, M., T. Montague, and E. Hellman. 2008. Gas exchange response of field-grown Merlot grapevines as influenced by rootstock. Technical Abstracts of the 59th Annual Conference of the Amer. Society for Enology and Viticulture. 59:25.
- Krawitzky, M., T. Montague, and E. Hellman. 2008. Influence of rootstock on gas exchange of field grown merlot grapevines. *HortScience.* 43:607-608.
- Hellman, E.W. and S. Shelby. 2005. Evaluation of abscisic acid for budburst delay of grapevine. *Amer. J. Enol. Vitic.* 56:303A.
- Basinger, A., E.W. Hellman, and S. Shelby. 2004. Evaluation of grapevine 'Cabernet Sauvignon' response to two deficit irrigation strategies. *HortScience* 39:828.
- Hellman, E.W., G. Koskela, and W. Friedkin. 1997. Viticulture Extension program delivery on the world wide web. *Amer. J. Enol. Vitic.* 48(3):395.
- Hellman, E.W. 1993. Investigations of the role of epicuticular wax in resistance of grape berries to *Botrytis cinerea*. *HortScience* 28:591.
- Hellman, E.W. and W. Reid. 1987. Effect of sawdust and pecan shell mulches on highbush blueberry growth. *HortScience* 22:1047.
- Abdul-Kadir, S., C.B. Rajashekar, and E.W. Hellman. 1987. Cold hardiness and dormancy in blackberries. *HortScience* 22:1147.
- Hellman, E.W. and J.N. Moore. 1982. Some effects of inbreeding on highbush and rabbiteye blueberries. *HortScience* 17:500.
- Hellman, E.W., R.M. Skirvin, and A.G. Otterbacher. 1979. Overcoming incompatibility associated with interspecific hybridization of red and black raspberries. *HortScience* 14:423.

Books

Hellman, E.W. (editor). 2003. *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon. 264 pages.

Chapters in Books

E.W. Hellman. 2003. *Grapevine Structure and Function*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

B. Eleveld, C. Vasconcelos, and E.W. Hellman. 2003. *Vineyard Economics*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, OR.

G. Jones and E.W. Hellman. 2003. *Site Assessment*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

D. Lett and E.W. Hellman. 2003. *Varieties and Clones*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

E.W. Hellman and J. Myers. 2003. *Rootstocks*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

D. Kenworthy and E.W. Hellman. 2003. *Vineyard Design*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

E.W. Hellman and S. Henry. 2003. *Training Systems*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

A. Humphrey and E.W. Hellman. 2003. *Site Preparation*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

E.W. Hellman and A. Humphrey. 2003. *Training Young Vines*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

R. Burney and E.W. Hellman. 2003. *Irrigation System Design and Development*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

D. Tunnell and E.W. Hellman. 2003. *The Organic Approach*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

A. Holstein and E.W. Hellman. 2003. *Water Management*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

E.W. Hellman and R. O'Brien. 2003. *Pruning*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

A. Humphrey and E.W. Hellman. 2003. *Labor Management*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

T. Casteel and E.W. Hellman. 2003. *Crop Estimation and Thinning*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

E.W. Hellman and M. Chien. 2003. *Harvest*. In: E.W. Hellman (editor). *Oregon Viticulture*. Oregon State University Press. Corvallis, Oregon.

Conference Proceedings

Hellman, E.W., F.A. Westover, and D.E. Holman. 2013. Vineyard Problem Diagnostic System for Mobile Computing Devices. Proc. 18th Symposium International GiESCO 28(2):729-733. July 7-11, 2013. Porto, Portugal.

Takow, E., E.W. Hellman, A.G. Birt, M.D. Tchakerian, and R.N. Coulson. 2012. An Internet-Based GIS Application for Vineyard Site Assessment in the U.S. and Matching Grape Variety to Site. Proc. IXth International Terroir Congress. Vol. 2: 8-7 – 8-10. June 25-29, 2012. Dijon and Reims, France.

Hellman, E.W., E.A. Takow, M. D. Tchakerian, and R. N. Coulson. 2010. Texas Terroir: GIS Characterization of the Texas High Plains AVA. Proc. VIII International Terroir Congress, Vol. 1:2-34 – 2-39. June 14-18, Soave, Italy.

Hellman, E.W. 2009. Can Texas Agriculture Support a Viable Wine Industry? Regional Benefits: Climate and Geographical Challenges. Winery and Wine Distribution Law Conference. Oct. 8-9. San Antonio, TX. 15:1-10.

Hellman, E. and A. Basinger. 2009. Evaluation of Regulated Deficit Irrigation in West Texas. Proceedings of the 2009 Texas Viticulture & Enology Research Symposium. Granbury, TX. June 2. pp 7-9.

Hellman, E., Steven Shelby, Cynthia Lowery. 2009. Evaluation of Abscisic Acid to Delay Budburst of Grapevines. Proceedings of the 2009 Texas Viticulture & Enology Research Symposium. Granbury, TX. June 3. pp 52-54.

Hellman, E.W. 2009. Current Status of Pierce's Disease in Texas. Proceedings of 28th Annual Conference New Mexico Vine & Wine Society, Albuquerque, NM. Feb 27-28. pp 13-18.

Hellman, E.W. 2009. Exploring the Wine Regions of Texas with GIS. Proceedings of 28th Annual Conference New Mexico Vine & Wine Society, Albuquerque, NM. Feb 27-28. pp 51-57.

Montague, T. and E. Hellman. 2009. Physiology of Field-grown Cool, Warm, and Hot-Climature Grape Varieties on the Texas High Plains. Proceedings of the 2009 Texas Vitic. & Enol. Research Symposium. Granbury, TX. June 2. pp 4-6.

Takow, E. A., E. Hellman, M. D. Tchakerian, and R. N. Coulson. 2009. Characterizing the Wine Growing Regions of Texas: An Application of GIS Technology. Proceedings of the 2009 Texas Viticulture & Enology Research Symposium. Granbury, TX. June 3. pp 28-30.

Montague, T. and E. Hellman. 2009. Influence of wind on gas exchange of field-grown Cabernet Sauvignon in West Texas. Proceedings of the 2009 Texas Viticulture & Enology Research Symposium. Granbury, TX. June 3. pp 43-45.

Trela, B., E. Hellman, D. Beard, and Z. Edgerton. 2009. Nutrient Status in Texas Wine Grapes and Potential Impacts to Wine Stability. Proceedings of the 2009 Texas Vitic. & Enol. Research Symposium. Granbury, TX. June 2. pp 22-24.

Pate, D.K., E. Hellman, J. Johnson, P. Adams, T. Burns, F. Pontasch, and F. Westover. 2009. Enterprise Budgets as a Tool for Commercial Vineyard Management in Texas. Proceedings of the 2009 Texas Viticulture & Enology Research Symposium. Granbury, TX. June 2. pp 13-15.

Montague, T., E. Hellman, and M. Krawitzky. 2008. Comparison of greenhouse grown, containerized grapevine stomatal conductance measurements using two differing porometers. Proceedings of the 2nd Annual National Viticulture Research Conference. Davis, California. pp. 58-59.

Krawitzky, M., T. Montague, and E. Hellman, and M. 2008. Propagation success of grapevines infected with *Xylella fastidiosa*. Proceedings of the 2nd Annual National Viticulture Research Conference. Davis, California. p. 41.

Takow, E.A, E.W. Hellman, M.D. Tchakerian, and R.N. Coulson. 2008. Utility of a Geographic Information System (AVATXIS) as a tool in the characterization of Texas Wine Regions. Proceedings of the 2nd Annual National Viticulture Research Conference. Davis, California. pp 82-83.

Hellman, E.W. 2004. *How to judge grape ripeness before harvest*. Proc. 2004 Southwest Regional Vine and Wine Conference. Albuquerque, NM. Pp. 174-180.

- Hellman, E.W. 2004. *Tips on growing grapes in arid and semi-arid climates*. Proc. 2004 Southwest Vine and Wine Conference. Albuquerque, NM. Pp. 230-232.
- Hellman, E.W. 2002. *Viticultural lessons from Oregon and Texas*. Proc. 21st Annual Meeting of New Mexico Grape Growers and Wine Makers. Rio Rancho, NM. Pp. 6-9.
- Hellman, E.W. 2002. *Balancing yield and quality*. Proc. 21st Annual Meeting of the New Mexico Grape Growers and Wine Makers. Rio Rancho, NM. Pp.43-45.
- Fisher, J.R. and Hellman, E. 2000. *Status and progression of infestations and management of the grape phylloxera in the Pacific Northwest, USA*. p.41-50. In: K.S. Powell and J. Whiting (eds.), Proc. International Symposium on Grapevine Phylloxera Management. Melbourne, Australia
- Watson, B., E.W. Hellman, Anna Specht, and Hsiao-Ping Chen. 2000. *Evaluation of Nitrogen Deficiencies in Oregon Grapevines and Musts*. Oregon Wine Advisory Board Progress Reports, 1999-2000, pp 3-8.
- Hellman, E.W. 2000. *Manipulating Soil Moisture and Nitrogen Availability to Improve Fermentation Behavior and Wine Quality. Part III. Effect of Irrigation and Soil Management Strategy on Grapevine Petiole Nutrient Content*. Oregon Wine Advisory Board Progress Reports, 1999-2000, pp 59-60.
- Watson, B. A. Spect, and E.W. Hellman. 1999. *Evaluation of Nitrogen Deficiencies in Oregon Grapevines, Musts and Wines*. Oregon Wine Advisory Board Progress Reports, 1999-2000, pp 1-5.
- Hellman, E.W. 1999. *Winegrape Pest Management*. Proceedings of IPM in Oregon: Achievements and Future Directions.
- Hellman, E.W. and J.R. Fisher. 1998. *Update on phylloxera in Oregon vineyards*. Proceedings of the Oregon Horticultural Society. 89:190-191.
- Hellman, E.W. 1998. *Viticulture Resources on the Internet*. Proc. Thirteenth Annual Midwest Regional Grape & Wine Conference. Osage Beach, Missouri. pp. 11-16.
- Watson, B. A. Spect, and E.W. Hellman. 1998. *Evaluation of Nitrogen Deficiencies in Oregon Grapevines, Musts and Wines*. 1998 Proc. Northwest Center for Small Fruits Research. pp.79-80.
- Hellman, E.W. and B. Strik. 1998. *The Effect of Pruning on Yield Components and Economics of Blueberry Production*. 1998 Proc. Northwest Center for Small Fruits Research. pp.21-22.

Hellman, E.W. 1997 *The Northwest Berry & Grape InfoNet Web page*. Proc. 82nd Annual Conference of the National Assoc. County Ag. Agents. p69.

Hellman, E.W. 1997. *Winegrape Fertilization practices for Oregon*. Proc. Oregon Horticultural Society. 88:215-220.

Hellman, E.W. 1996. *Surfing the Internet with the Berry InfoNet*. Proc. Oregon Horticultural Society. 87:162-163.

Hellman, E.W. and B. Strik, G. Koskela, and P. Stonerod. 1996. *The effect of pruning on yield components and economics of blueberry production*. Proc. Northwest Center for Small Fruits Research. pp.22-23.

Hellman, E.W. 1996 *The Northwest Berry and Grape InfoNet*. Proc. Sixth Northwest Biennial Blueberry Growers Meeting. pp. 86-87.

Hellman, E.W., G. Koskela, and W. Friedkin. 1995. *Development of a computer-based information exchange system for small fruits*. Proc. Northwest Center for Small Fruits Research. p75.

Hellman, E.W. 1993. *Wine grape varieties*. Proc. 12th Annual Oklahoma Horticulture Industries Show. pp77-79.

Hellman, E.W. 1993. *Bird control in small fruits*. Proc. 12th Annual Oklahoma Horticulture Industries Show. pp71-74.

Hellman, E.W. 1989. *Grape cultivar performance and utilization*. Proceedings of the 1989 Kansas Fruit Growers Association Annual Conference.

Digital Information Resources

Websites

Birt, A.G., M.D. Tchakerian, E.W. Hellman, and R.N. Coulson.
Texas Crop Registry. 2014
<http://agrillife.org/aes/texas-sensitive-crops-registry/>

Hellman, E.W., F.A. Westover, and D. Holman. 2012-present.
The Vineyard Doctor. (decision-support problem diagnostic system)
<https://vineyarddoctor.tamu.edu>

Stafne, E.T., E.W. Hellman, R.K. Striegler, K. Kelsey. 2010-present.
eXtension: Grapes. (informational website)
<http://www.extension.org/grapes>

Takow, E.A, E.W. Hellman, M.D. Tchakerian, and R.N. Coulson. 2008-present.
The Winegrowing Regions of Texas. (Interactive GIS characterization of regions)
<http://txwineregions.tamu.edu>

Hellman, E.W. 2001-present.
Texas Winegrape Network. (informational website)
<http://winegrapes.tamu.edu>

Hellman, E.W. 2003-2011. *SERA-14: Development and Evaluation of Bunch and Muscadine Grapes for Fresh Market, Juice, Wine, and Other Products.*
<http://sera-ieg-14.tamu.edu>

Hellman, E.W., 1995-2000
Northwest Berry & Grape Information Network. (informational website)
<http://berrygrape.org>

Websites Under Development

Takow, E.A, E.W. Hellman, M.D. Tchakerian, and R.N. Coulson.
Texas Vineyard Site Assessment and Variety Selection System.
 Anticipated December, 2014.
 Interactive GIS website for vineyard site assessment and grape cultivar selection

CDROM

Pate, D.K., E. Hellman, and J. Johnson. 2011. "Texas Vineyard Budgets – Costs of Production for Commercial Vineyards in Texas." Dept. Agric. & Appl. Econ., Texas Tech University. College of Agric.l Sciences and Natural Resources Report T-1-602.

GRANTS AND GIFTS

Career Summary of grants and gifts attributable to Hellman’s program

Extension	
Texas A&M (2001-2014)	
External Competitive	\$1,753,639
Gifts & Gifts-in-Kind	\$49,108
Oregon State University (1995-2000)	
External Competitive	\$121,657
Internal Grants	\$6,900
Kansas State University (1984-1994)	
Internal Grants	\$3,100
<i>Extension subtotal</i>	<i>\$1,934,404</i>

Research	
Texas A&M/Texas Tech (2001-2014)	
External Competitive	\$965,815
Gifts & Gifts-in-Kind	\$11,355
Oregon State University (1995-2000)	
External Competitive	\$101,420
Kansas State University (1984-1994)	
External Competitive	\$3,500
Internal Grants	\$6,000
<i>Research subtotal</i>	<i>\$1,088,090</i>
TOTAL	\$3,022,494

Extension Grants and Gifts

Texas A&M University/Texas Tech University

Hellman, E.W. and J. Scheiner. 2014. Development of the Vineyard Advisor - a Mobile Application for Grape Disease and Pest Management Recommendations. American Vineyard Foundation. \$28,900.

Hellman, E.W. 2011-2013. Developing and Maintaining Viticulture Education Programs. Texas Department of Agriculture, Enology and Viticulture Extension and Research Grant Program. \$200,000

A. Birt, M. Tchakerian, R. Coulson, E. Hellman. 2011. Development of the Texas Sensitive Crops Website. Texas Specialty Crop Block Grant. \$34,015

Hellman, E.W. 2010-2012. Developing and Maintaining Viticulture Education Programs. Texas Department of Agriculture, Enology and Viticulture Extension and Research Grant Program. \$365,000.

Stafne, E.T., E.W. Hellman, R.K. Striegler, K. Kelsey. 2009-2012. Development of a Grape Community of Practice for the eXtension System. USDA-NIFA Specialty Crops Research Initiative. Total: \$422,964; Hellman portion: \$67,260.

Hellman, E.W. 2009. Support for the Texas Viticulture & Enology Research Symposium. Texas Wine & Grape Growers Association. \$600 (Gift).

Hellman, E.W. and J. Kamas. 2008-2009. Developing and Maintaining Viticulture and Enology-Related Programs. Texas Enology and Viticulture Research and Education Program, Texas Dept. Agriculture. \$470,000.

Hellman, E.W. 2008. National Viticulture Extension Leadership Conference. E. & J. Gallo Winery. \$2,500 (Gift).

Hellman, E.W. and J. Kamas. 2006-2008. Viticulture Outreach Education Team. Texas Enology and Viticulture Research and Education Program, Texas Dept. Agriculture. \$470,000.

Hellman, E.W., T. Montague, and M. McBurney. 2006-2008. Viticulture and Enology Certificate Program. Texas Enology and Viticulture Research and Education Program, Texas Dept. Agriculture. \$54,400.

Hellman, E.W. 2007. National Viticulture Extension Leadership Conference. E. & J. Gallo Winery. \$2,500 (Gift).

Hellman, E.W., P. Porter, and M. Blanton 2006. Development of a national expert system for diagnosis of grape problems. Viticulture Consortium/CSREES. \$12,000.

Hellman, E.W., P. Porter, and M. Blanton 2006. Development of a national expert system for diagnosis of grape problems. American Vineyard Foundation. \$10,000.

Hellman, E.W. 2006. National Viticulture Extension Leadership Conference. E. & J. Gallo Winery. \$2,500 (Gift).

Hellman, E.W. 2006. Wine Texas Symposium. Llano Estacado Winery. \$200 (Gift).

Hellman, E.W., P. Porter, and M. Blanton 2005. Development of a national expert system for diagnosis of grape problems. Viticulture Consortium/CSREES. \$21,032.

Hellman, E.W., P. Porter, and M. Blanton 2005. Development of a national expert system for diagnosis of grape problems. The Wine and Food Foundation of Texas. \$21,032.

Hellman, E.W. 2005. Viticulture Extension. Lipe Foundation. \$3,458 (Gift).

Hellman, E.W. 2003. Post Oak Vineyards. \$1,000 (Gift).

Hellman, E.W. 2003. Llano Estacado Winery. \$500 (Gift).

Hellman, E.W. 2003. North Texas grape growers. \$350 (Gift).

Hellman, E.W. 2002. Viticulture Extension. Lipe Foundation. \$30,000 (Gift).

Hellman, E.W. 2002. Llano Estacado Winery, Post Oak Vineyards, Yellow Rose Vineyard, Mont Sec Vineyard, Plum Park Vineyard. \$ 5,500 (Gifts).

Oregon State University

Hellman, E.W. 2000. Continuation of the Northwest Berry & Grape Information Net Cooperative Program. Northwest Center for Small Fruit Research. \$14,997

Hellman, E.W. 2000. Viticulture Extension Programs. Oregon Wine Advisory Board. \$6,200.

Hellman, E.W. 1999. Continuation of the Northwest Berry & Grape Information Net Cooperative Program. Northwest Center for Small Fruit Research. \$14,250

Hellman, E.W. 1999. Viticulture Extension Programs. Oregon Wine Advisory Board. \$4,500.

Hellman, E.W. 1998. Development of the Northwest Berry & Grape Information Net into a Tri-State Cooperative Program. Northwest Center for Small Fruit Research. \$13,000.

Hellman, E.W. 1998. Viticulture Extension Programs. Oregon Wine Advisory Board. \$3,500.

Hellman, E.W. 1997. Continuation of the Northwest Berry & Grape InfoNet. Northwest Center for Small Fruit Research, Oregon Strawberry Commission, Oregon Raspberry & Blackberry Commission, and Oregon Blueberry Commission. \$9,000

Rosetta, R. and E.W. Hellman. 1997. Implementation of biocontrol in strawberry. Oregon Strawberry Commission. \$3,200.

Rosetta, R. and E.W. Hellman. 1997. Berry Crop Demonstration Pest Collection. Oregon Strawberry Commission and Oregon Blueberry Commission. \$1,200.

Hellman, E.W. 1997. Viticulture Extension Programs. Oregon Wine Advisory Board. \$2,600.

Hellman, E.W. 1997. Blueberry Extension Programs. Oregon Blueberry Commission. \$1,000.

Hellman, E.W. 1996. Continuation of the Northwest Berry & Grape InfoNet. Northwest Center for Small Fruit Research, Oregon Strawberry Commission, Oregon Raspberry & Blackberry Commission, and Oregon Wine Advisory Board. \$18,875.

Hellman, E.W. 1996. Experimenting with Internet Teleconferencing. Innovative Grants Program - Oregon State University Extension. \$5,900.

Rosetta, R. and E.W. Hellman. 1996. Implementation of Biocontrol in strawberry. Oregon Strawberry Commission. \$1,350.

Rosetta, R. and E.W. Hellman. 1996. Berry Crop Demonstration Pest Collection. Oregon Strawberry Commission and Oregon Blueberry Commission. \$1,750

Hellman, E.W. 1996. Viticulture Extension Programs. Oregon Wine Advisory Board. \$2,000.

Hellman, E.W. 1996. Blueberry Extension Programs. Oregon Blueberry Commission. \$580.

Hellman, E.W. 1995. Development of the Northwest Berry & Grape InfoNet. Northwest Center for Small Fruit Research, Oregon Strawberry Commission, Oregon Raspberry & Blackberry Commission, Oregon Blueberry Commission, and Oregon Wine Advisory Board. \$22,175.

Hellman, E.W. 1995. Macrophotography workstation. Integrated Plant Protection Center. Oregon State University. \$1,000

Rosetta, R. and E.W. Hellman. 1995. Berry Crop Demonstration Pest Collection. Oregon Strawberry Commission and Oregon Blueberry Commission. \$900.

Hellman, E.W. 1995. Blueberry Extension Programs. Oregon Blueberry Commission. \$580.

Kansas State University

Gast, K.L.B., F. Aramouni, and E.W. Hellman. 1991. Grape Juice Processing Workshop. Kansas Value Added Center. Kansas State University. \$2,000.

Rajashekar, C.B., E.W. Hellman, and F.D. Morrison. 1985. Pomology teaching and demonstration orchard. Kansas State University. \$1,100.

Research Grants and Gifts

Texas A&M University/Texas Tech University

McCorkle, D., E. Hellman, and R. Dudensing. 2014-2016. Assessing Viticulture Production Practices for Robotic Technology Development. USDA-NIFA. \$462,002. (Hellman portion \$152,460).

Hellman, E.W. and T. Montague. 2010-2012. Viticulture Research to Increase Yields and Enhance Quality. Texas Department of Agriculture, Enology and Viticulture Extension and Research Grant Program. \$250,000 (Hellman portion \$125,000).

Thompson, T., B. Trela, E.W. Hellman, T. Montague, and C. McKenney. 2010-2012. Enhancing Academic Programs in Viticulture and Enology at Texas Tech University. Texas Department of Agriculture, Enology and Viticulture Extension and Research Grant Program. \$65,000 (Hellman portion \$13,000).

Shellie, K., H. Caspari, E. Hellman, B. Maier. 2010. NE-1020 Coordinated Wine Grape Cultivar Evaluations in the Western U.S. USDA-CSREES Viticulture Consortium West. \$10,074 (Hellman portion \$2,307).

Hellman, E., H. Caspari, B. Maier, K. Shellie. 2009. NE-1020 Coordinated Wine Grape Cultivar Evaluations in the Western U.S. USDA-CSREES Viticulture Consortium West. Total: \$8,073; Hellman portion: \$1,306.

Hellman, E.W. and T. Montague. 2008-2009. Viticulture Research: Grapevine physiology and cultivar evaluation. Texas Enology and Viticulture Research and Education Program, Texas Dept. Agriculture. Total: \$220,000; Hellman portion: \$145,200.

Trela, B. and E.W. Hellman. 2008-2009. The Effects of Nutrition on the Stability of Texas Wines. Texas Enology and Viticulture Research and Education Program, Texas Dept. Agriculture. Total: \$100,000; Hellman portion: \$4,368.

Caspari, H., E.W. Hellman, B. Maier, K. Shellie, E. Stover, and J. Wolpert. 2008. Coordinated Wine Grape Variety Evaluations in the Western U.S. Viticulture Consortium – West. \$1,740.

Hellman, E.W. and T. Montague. 2007. Viticulture Research: Grapevine physiology and cultivar evaluation. Texas Enology and Viticulture Research and Education Program, Texas Dept. Agriculture. Total: \$118,000; Hellman portion: \$77,880.

Hellman, E.W. 2007. Development of a geographic information system for the study of Pierce's disease in Texas. USDA-APHIS. \$69,000.

Hellman, E.W. 2007. Renovation of the Viticulture Field Laboratory into a Viticulture and Enology Laboratory. Wine & Food Foundation of Texas. \$20,000.

Hellman, E.W. 2007. Support for Annual Meeting of NE-1020: Multi-state Evaluation of Wine Grape Cultivars and Clones. Texas Department of Agriculture. \$2,000 (Gift).

Hellman, E.W. and T. Montague. 2006. Viticulture Research: Grapevine physiology and cultivar evaluation. Texas Enology and Viticulture Research and Education Program, Texas Dept. Agriculture. Total: \$118,000; Hellman portion: \$77,880.

Hellman, E.W. 2006. Development of a geographic information system for the study of Pierce's disease in Texas. USDA-APHIS. \$58,923.

Hellman, E.W. 2005. Evaluation of applied exogenous abscisic acid to delay budburst of grapevines for frost avoidance. Viticulture Consortium/CSREES. \$8,949.

Hellman, E.W. 2005. Evaluation of VBC-30025 for budburst delay of grapevines for frost avoidance. Valent BioSciences \$15,000.

Hellman, E.W. 2005. Development of a geographic information system for the study of Pierce's disease in Texas. USDA-APHIS. \$82,929.

Hellman, E.W. 2004. Evaluation of applied exogenous abscisic acid to delay budburst of grapevines for frost avoidance. Viticulture Consortium/CSREES. \$8,022.

Hellman, E.W. 2004. Evaluation of VBC-30025 for budburst delay and enhanced fruit color development in grapes. Valent BioSciences \$10,000.

Hellman, E.W. 2004. Development of a geographic information system for the study of Pierce's disease in Texas. USDA-APHIS. \$14,700.

Hellman, E.W. 2004. Student Research Intern Grant. Wine Society of Texas. \$1,250.

Hellman, E.W. 2003. Evaluation of the effects of two deficit irrigation strategies on grapevine cold acclimation, hardiness, growth, yield, and fruit quality. Viticulture Consortium/CSREES. \$19,883.

Hellman, E.W. 2003. Statewide vineyard survey for the study of Pierce's disease in Texas. USDA-APHIS. \$3,000.

Hellman, E.W. 2002. Evaluation of the effects of two deficit irrigation strategies on grapevine cold acclimation, hardiness, growth, yield, and fruit quality. Viticulture Consortium/CSREES. \$19,107.

Hellman, E.W. 2002. Development of Irrigation Scheduling Guidelines for Texas Wine Grape Production. Texas Department of Agriculture \$33,911.

Hellman, E.W. 2002. Soil Moisture Monitoring Equipment. Dynamax Co, Inc., Houston, Texas. \$9,355 (Gifts-in-Kind).

Oregon State University

Hellman, E.W. 2000. Manipulating Soil Moisture and Nitrogen Availability to Improve Fermentation Behavior and Wine Quality. Part III: Effect of irrigation and soil management strategy on grapevine petiole nutrient content. Northwest Center for Small Fruit Research and Oregon Wine Advisory Board. \$23,550.

Hellman, E.W. 1999. Manipulating Soil Moisture and Nitrogen Availability to Improve Fermentation Behavior and Wine Quality. Part III: Effect of irrigation and soil management strategy on grapevine petiole nutrient content. Northwest Center for Small Fruit Research and Oregon Wine Advisory Board. \$22,010.

Hellman, E.W. and B. Watson. 1999. Evaluation of nitrogen deficiencies in Oregon grapevines and musts. Oregon Wine Advisory Board. \$4,876

Hellman, E.W. and B. Watson. 1998. Evaluation of nitrogen deficiencies in Oregon grapevines and musts. Northwest Center for Small Fruit Research and Oregon Wine Advisory Board. \$19,435.

Hellman, E.W. and B.C. Strik. 1998. The effect of pruning on yield components and economics of blueberry production. Northwest Center for Small Fruit Research. \$5,851.

Hellman, E.W. and B.C. Strik. 1997. The effect of pruning on yield components and economics of blueberry production. Northwest Center for Small Fruit Research. \$5,428.

Watson, B., A. Specht, and E.W. Hellman. 1997. Evaluation of nitrogen deficiencies in Oregon grapevines and musts. Oregon Wine Advisory Board. \$7,850.

Hellman, E.W. and B.C. Strik. 1996. The effect of pruning on yield components and economics of blueberry production. Northwest Center for Small Fruit Research. \$5,200.

Rosetta, R. and E.W. Hellman. 1995. Biocontrol of two-spotted spider mite in strawberry. Center for Applied Agricultural Research and Oregon Strawberry Commission. \$7,220.

Kansas State University

Marr, C.W., E.W. Hellman, F.W. Morrison, K.L.B. Gast, P.H. Jennings, and W.J. Lamont. 1989. Increasing horticultural food crop production in Kansas through value-added technology. Kansas Value Added Center, Kansas State University. \$17,300. (Hellman portion \$6,000).

Hellman, E.W. 1987. Development of guidelines for evaporative cooling of strawberry. North American Strawberry Growers Association. \$2,500.

Hellman, E.W. and F.D. Morrison. 1986. Determination of critical heat stress temperatures of strawberry. North American Strawberry Growers Association. \$1,000.

OTHER REVENUE DEVELOPMENT

Fee-based Programs

Texas Viticulture Short Course, 2005-2007. 187 participants (\$76,480)

Texas Viticulture Certificate Program, 2007-present. (\$370,400)

Prospective Winegrower Workshops, 2008-2011. 682 participants (\$86,500)

Great Vineyards Program, 2011. 43 participants (\$5,400)

Texas Winemaking Certificate Program, 2014. 22 participants (\$13,860)

Scholarship Development

Buffalo Gap Wine & Food Summit Graduate Fellowship. 2011-present.
Texas Tech University. (\$2,500 annually)

Granbury Wine Walk Graduate Fellowship. 2013-present. Texas Tech University.
(\$2,500 annually)

PRESENTATIONS

Presentations at Professional Conferences

Hellman, E.W. 2014. Dealing with environmental challenges in the vineyard: Delivering the best product to the winemaker. Sixty-fifth National Conference of the American Society for Enology and Viticulture. June 23-27, Austin, TX

Plank, C.A., E.W. Hellman, and T. Montague. 2014. Effects of light Environment on Methoxypyrazine Content of Cabernet Sauvignon. Sixty-fifth National Conference of the American Society for Enology and Viticulture. June 23-27, Austin, TX

Takow, E., A.G. Birt, E.W. Hellman, and R.N. Coulson. 2014. The Utility of Growing Degree Days as an Index in Viticulture. Sixty-fifth National Conference of the American Society for Enology and Viticulture. June 23-27, Austin, TX

Hellman, E., F. Westover, and D. Holman. 2013. Vineyard problem diagnostic system for mobile computing devices. Eighteenth International Symposium GiESCO. July 7-11, 2013. Porto, Portugal.

Plank, C.M., E. Hellman, and T. Montague. 2013. The effects of sunlight and LED light on methoxypyrazine content of ripening berries of Cabernet Sauvignon. Sixty-fourth National Conference of the American Society for Enology and Viticulture. June 24-28, Monterey, CA.

Takow, E., E.W. Hellman, A.G. Birt, M.D. Tchakerian, and R.N. Coulson. 2012. An Internet-Based GIS Application for Vineyard Site Assessment in the U.S. and Matching Grape Variety to Site. IXth International Terroir Congress. June 25-29, 2012. Dijon, France and Reims, France.

Hellman, E.W. and F.A. Westover. 2012. Diagnosis of Grape Problems with the Vineyard Doctor. Sixty-third Annual Meeting of the American Society for Enology and Viticulture. June 18-22, Portland, OR.

Stafne, E.T., E. Hellman, R.K. Striegler, T. Martinson, B. Reisch, and J-M. Peltier. 2012. A Collaborative Research and Extension Outreach Model: The Grape Community of Practice. Annual Meeting of the American Society for Enology and Viticulture. June 18-22, Portland, OR.

Stafne, E.T., E. Hellman, R.K. Striegler, K. Kelsey, L. Greer, and K. Ker. 2012. eViticulture: Online Educational Materials for Commercial Grape Growers Developed by the Grapes Community of Practice. 8th International Cool Climate Symp. for Viticulture and Oenology. January 31-February 4, 2012. Hobart, Tasmania.

Montague, T, E. Hellman, and K. Jenkins. 2012. Physiological differences of five grape varieties grown on the Texas High Plains. Annual Meeting of the Amer. Soc. Hort. Sci. Southern Region. February 3-6, 2012. Birmingham, AL

Pate, D.K., J.W. Johnson, E.W. Hellman, and C. Wang. 2011. Risk Sharing through Winegrape Contracts. 2011 Joint Annual Meeting of the Canadian Agricultural Economics Society and Western Agricultural Economics Association. July 1, 2011. Banff, Alberta.

Montague, T., E. Hellman, and K. Jenkins. Physiology of Cabernet Sauvignon Grapevines Grafted to Different Rootstocks on the Texas High Plains. 2011. National Meeting of the American Society of Enology and Viticulture. June 20-24, 2011. Monterey, CA

Pate, D.K., C. Wang, J.W. Johnson, and E. Hellman. Economic Evaluation of Winegrape Contracts. 2011. National Meeting of the American Society of Enology and Viticulture. June 20-24, 2011. Monterey, CA

Stafne, E., E. Hellman, R.K. Striegler, and J. Peltier. Industry Involvement in the Creation and Funding of the Extension Grape Community of Practice. 2011. Annual Conference of the American Society for Horticultural Science. September 25-28, 2011. Waikoloa, HI

Hellman, E.W. and F.A. Westover. The Grape Doctor – A Vineyard Diagnosis Tool. 2011. Annual Conference of the American Society for Horticultural Science. September 25-28, 2011. Waikoloa, HI

Stafne, E., L. Greer, E. Hellman, R. K. Striegler, and K. Kelsey. 2011. eViticulture.org: A National Grape Community of Practice. Annual Meeting of the American Society for Horticultural Science – Southern Region. February 5-7, 2011. Corpus Christi, TX

Montague, T., E. Hellman, and K. Jenkins. 2011. Influence of rootstocks on physiology of 'Cabernet Sauvignon' grapevines grown on the Texas High Plains. Annual Meeting of the American Society for Horticultural Science – Southern Region. February 5-7, 2011. Corpus Christi, TX

Hellman, E.W., E.A. Takow, M. D. Tchakerian, and R. N. Coulson. 2010. Texas Terroir: GIS Characterization of the Texas High Plains AVA. Proc. VIII International Terroir Congress. June 14-18, Soave, Italy.

Montague, T., E. Hellman, and K. Jenkins. 2010. Influence of rootstocks on physiology of merlot grapevines grown on the Texas High Plains. Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando.

Montague, T., E. Hellman, and K. Jenkins. 2010. Physiological differences of cool, warm, and hot climate Grapevine varieties on the Texas High Plains. Annual Conference of the Southern Region of the American Society for Horticultural Science. Orlando, FL.

Montague, T., E. Hellman, and K. Jenkins. 2010. Update on physiological differences of cool, warm, and hot climate grapevine varieties grown on the Texas High Plains. Annual Meeting of the American Society for Enology and Viticulture. Seattle, WA.

Montague, T., E. Hellman, and M. Krawitzky. Gas exchange of field-grown cool, warm, and hot climate grapevine varieties in West Texas. Annual Meeting of the American Society Enology and Viticulture. 22-25 June 2009, Napa, California.

Montague, T., E. Hellman, and M. Krawitzky. Comparison of field-grown grapevine stomatal conductance measurements using differing porometers. Annual Meeting of the Southern Region of the American society for Horticultural Science. 1 -2 February 2009, Atlanta, Georgia.

Krawitzky, M., T. Montague, and E. Hellman. 2008. Gas exchange response of field-grown Merlot grapevines as influenced by rootstock. Annual Conference of the American Society for Enology and Viticulture. Portland, OR

Krawitzky, M., T. Montague, and E. Hellman. 2008. Influence of rootstock on gas exchange of field grown merlot grapevines. Annual Meeting of the Southern Region of the American Society for Horticultural Science. Dallas, TX

Montague, T., E. Hellman, and M. Krawitzky. 2008. Comparison of greenhouse grown, containerized grapevine stomatal conductance measurements using two differing porometers. 2nd Annual National Viticulture Research Conference. Davis, California.

Krawitzky, M., T. Montague, and E. Hellman, and M. 2008. Propagation success of grapevines infected with *Xylella fastidiosa*. 2nd Annual National Viticulture Research Conference. Davis, California.

Takow, E.A, E.W. Hellman, M.D. Tchakerian, and R.N. Coulson. 2008. Utility of a Geographic Information System (AVATXIS) as a tool in the characterization of Texas Wine Regions. 2nd Annual National Viticulture Research Conference. Davis, California.

Hellman, E.W. and S. Shelby. 2005. Evaluation of abscisic acid for budburst delay of grapevine. Annual Conference of the American Society for Enology and Viticulture. June 20-24. Seattle, Washington.

Basinger, A., E.W. Hellman, and S. Shelby. 2004. Evaluation of grapevine 'Cabernet Sauvignon' response to two deficit irrigation strategies. Annual Conference of the American Society for Horticultural Science. July 17-20. Austin, Texas.

Hellman, E.W., G. Koskela, and W. Friedkin. 1997. Viticulture Extension program delivery on the world wide web. Annual Conference of the American Society for Enology and Viticulture. San Diego, California.

Hellman, E.W. 1993. Investigations of the role of epicuticular wax in resistance of grape berries to *Botrytis cinerea*. Annual Conference of the American Society for Horticultural Science. July 22-29, Nashville, Tennessee.

Hellman, E.W. and W. Reid. 1987. Effect of sawdust and pecan shell mulches on highbush blueberry growth. Annual Conference of the American Society for Horticultural Science. Nov. 6-12. Kissimmee, Florida.

Abdul-Kadir, S., C.B. Rajashekar, and E.W. Hellman. 1987. Cold hardiness and dormancy in blackberries. Annual Conference of the American Society for Horticultural Science. Nov. 6-12. Kissimmee, Florida.

Hellman, E.W. and J.N. Moore. 1982. Some effects of inbreeding on highbush and rabbiteye blueberries. Annual Conference of the American Society for Horticultural Science. Aug. 9-12. Ames, Iowa.

Hellman, E.W., R.M. Skirvin, and A.G. Otterbacher. 1979. Overcoming incompatibility associated with interspecific hybridization of red and black raspberries. Annual Conference of the American Society for Horticultural Science. Aug. 29-Sept. 4. Columbus, Ohio.

Conferences, Symposia or Workshops Organized

Water Use Efficiency Symposium. Sixty-fifth National Conference of the American Society for Enology and Viticulture. June 23-27, Austin, TX

Freeze Recovery Strategies, June 7, 2013. Diamonte Doble Vineyard, Tokio, TX

Newsom Grape Day, April 26, 2013. Newsom Vineyards. Plains, TX

Texas Wine & Grape Growers Association Annual Conference. February 16-18, 2012, San Marcos, TX.

Texas Wine & Grape Growers Association Grape Camp. November 6-7, 2011. Fredericksburg, TX.

Texas Wine & Grape Growers Association Grape Camp. November 7-8, 2010. Fredericksburg, TX.

Texas Wine & Grape Growers Association Grape Camp: New Grower Session. November 15, 2009. Fredericksburg, TX.

Texas Viticulture & Enology Research Symposium, June 2-3, 2009. Granbury, TX

National Viticulture & Enology Extension Leadership Conference. March 31-April 2, 2009. Oklahoma City, OK.

Texas Wine & Grape Growers Association Grape Camp: New Grower Session.
November 15, 2008. Fredericksburg, TX.

National Viticulture & Enology Extension Leadership Conference. April 2-3, 2008.
Albuquerque, NM.

Developing a Growing Industry. May 8, 2007. Brownwood, Texas.

National Viticulture & Enology Extension Leadership Conference. March 27-29, 2007.
Nashville, TN.

Texas Viticulture Short Course. February 7-9, 2007. Fredericksburg, TX.

National Viticulture & Enology Extension Leadership Conference. March 28-30, 2006.
San Antonio, TX.

Texas Viticulture Short Course. January 18-20, 2006. Junction, TX.

Texas Viticulture Short Course. January 12-14, 2005. Junction, TX.

Texas Wine & Grape Growers Association's Grape Camp. October 3-4, 2003,
Junction, TX

Texas Wine & Grape Growers Association Harvest Festival. October 18-19, 2002.
Dallas, TX

Taxation and Accounting for Vineyards and Wineries. March 21, 2002. Dallas, TX

Texas Wine & Grape Growers Association's Grape Camp. February 22-23, 2002,
Junction, TX

Texas Wine & Grape Growers Association Harvest Festival. October 19-21, 2001.
Dallas, TX

Problems with Grafted Grapevines Workshop, 2000, Corvallis, OR

Co-Chair, Winegrape Session, Oregon Horticultural Society Annual Meeting, 2000,
Portland, OR

Co-organizer, Oregon State University Grape Day, Corvallis, OR, 2000

Co-Chair, Winegrape Session, Oregon Horticultural Society Annual Meeting, 1999
Portland, OR

Co-organizer, Oregon State University Grape Day, 1999, Corvallis, OR

Oregon Blueberry Growers Association Meeting, 1998, Aurora, OR

Sprayer Calibration Workshop, 1998, Aurora, OR

Co-Chair, Winegrape Session, Oregon Horticultural Society Annual Meeting, 1998
Portland, OR

Co-organizer, Oregon State University Grape Day, 1998, Corvallis, OR

Winegrape Disease Management Workshop, 1998

Grapevine Grafting Workshop, 1997, Wilsonville, OR

Oregon Blueberry Growers Association Meeting, 1997. Aurora, OR

Co-Chair, Winegrape Session, Oregon Horticultural Society Annual Meeting, 1997
Portland, OR

Co-organizer, Oregon State University Grape Day, 1997, Corvallis, OR

Blueberry Disease Management Workshop, 1997, Wilsonville, OR

Co-Chair, Winegrape Session, Oregon Horticultural Society Annual Meeting, 1996
Portland, OR

Oregon Blueberry Growers Association Meeting, 1996. Aurora, OR

Co-organizer, Oregon State University Grape Day, 1996, Corvallis, OR

Grape Powdery Mildew Workshop, 1995, Corvallis, OR

Canopy Management Workshop, 1995, Corvallis, OR

Grapevine Pruning Workshop, 1994, Corvallis, OR

Grape Juice Processing Workshop, 1991, Manhattan, Kansas.

Invited Presentations

International, National, and Regional

Dealing with Environmental Challenges in the Vineyard: Delivering the Best Product to the Winemaker. Sixty-fifth National Conference of the American Society for Enology and Viticulture. June 27, 2014. Austin, TX.

Diagnosing Grape Problems with the Vineyard Doctor Computer Application. Arkansas Association of Grape Grower's Annual Conference. November 15, 2013. Ozark, AR.

The Doctor Will See You Now: Introducing the Vineyard Doctor Diagnostic System. Wineries Unlimited Trade Show & Conference. March 14, 2013. Richmond, VA.

Introduction to the Yield versus Quality Debate. Wineries Unlimited Trade Show & Conference. March 13, 2013. Richmond, VA.

The Doctor is In: Introducing the Vineyard Doctor Diagnostic System. Midwest Grape & Wine Conference & Trade Show. February 9, 2013. St. Charles, MO.

Introduction to the Yield versus Quality Debate. Midwest Grape & Wine Conference & Trade Show. February 8, 2013. St. Charles, MO.

Water Requirements of Grapevines and Irrigation Management. Midwest Grape & Wine Conference & Trade Show. February 7, 2013. St. Charles, MO.

Terroir of the Texas High Plains. 105th Annual Meeting of the Cordilleran Section, Geological Society of America. May 7-9, 2009. Kelowna, British Columbia.

Exploring the Wine Regions of Texas with GIS. 28th Annual New Mexico Vine and Wine Conference. February 28, 2009. Albuquerque, New Mexico.

Current Status of Pierce's Disease in Texas. 28th Annual New Mexico Vine and Wine Conference. February 27, 2009. Albuquerque, New Mexico.

Overview of Texas Winegrowing Regions. Tennessee Viticultural and Oenological Society Annual Conference. January 30, 2009. Nashville, Tennessee.

Monitoring Fruit Ripening Prior to Harvest. Tennessee Viticultural and Oenological Society Annual Conference. January 30, 2009. Nashville, Tennessee.

Update on Pierce's Disease in Texas. Tennessee Viticultural and Oenological Society Annual Conference. January 31, 2009. Nashville, Tennessee.

Water Management and Irrigation Scheduling. Tennessee Viticultural and Oenological Society Annual Conference. January 31, 2009. Nashville, Tennessee.

Irrigation Scheduling using Evapotranspiration Data. Colorado Grape Grower Workshop. November 8, 2008. Palisade, Colorado.

The Winegrowing Regions of Texas. Indiana Horticultural Congress. January 29, 2008. Indianapolis, Indiana.

Frost Protection Techniques for Vineyards. Indiana Horticultural Congress. January 29, 2008. Indianapolis, Indiana.

Monitoring Grape Maturity. Mid America Fruit Growers Conference. January 18, 2007. Excelsior Springs, Missouri.

Irrigation Scheduling for Wine Grapes. Annual Meeting of the Kansas Grape Growers and Wine Makers Association. January 5, 2007. Manhattan, Kansas.

Monitoring Grape Maturity before Harvest. Annual Meeting of the Kansas Grape Growers and Wine Makers Association. January 5, 2007. Manhattan, Kansas.

Monitoring Water Status, Even in a "Wet Climate". NC State Viticulture Workshop. November 17, 2006. Raleigh, North Carolina.

Irrigation Scheduling. Eighth Annual Nebraska Winery and Grape Growers Forum and Trade Show. March 4-5, 2005. Kearney, Nebraska.

Adventures in Viticulture: growing grapes in diverse climates. Eighth Annual Nebraska Winery and Grape Growers Forum and Trade Show. March 4-5, 2005. Kearney, Nebraska.

Canopy and Crop Management. Kentucky Grape and Wine Short Course. January 6, 2004. Lexington, Kentucky.

Grape Flowering and Fruiting Physiology. Kentucky Grape and Wine Short Course. January 6, 2004. Lexington, Kentucky.

Frost Control for Grapes. Kentucky Grape and Wine Short Course. January 6, 2004. Lexington, Kentucky.

How to Judge Grape Ripeness before Harvest. Southwest Regional Vine & Wine Conference. February 27-28, 2004. Albuquerque, New Mexico.

Tips on Growing Grapes in Arid and Semi-Arid Climates. Southwest Regional Vine & Wine Conference. February 27-28, 2004. Albuquerque, New Mexico.

Viticulture and Enology Extension Programs in the Southwest and Midwest. National Research and Extension Priorities Strategy Session. May 25, 2004. Chicago, Illinois.

Recent Trends in the Texas Wine Industry. Annual Meeting of the Oklahoma Grape Growers Association. 2002. Norman, Oklahoma.

Viticultural lessons from Oregon and Texas. 21st Annual Meeting of the New Mexico Grape Growers and Wine Makers. 2002. Rio Rancho, New Mexico.

Balancing yield and quality. 21st Annual Meeting of the New Mexico Grape Growers and Wine Makers. 2002. Rio Rancho, New Mexico.

Lessons from the Oregon Wine Industry. Annual Meeting of the Kansas Grape Growers & Winemakers Association. 1998. Salina, Kansas.

The Internet as a Source for Viticulture and Enology Information. Annual Meeting of the Kansas Grape Growers & Winemakers Association. 1998. Salina, Kansas.

Viticulture Resources on the Internet. Thirteenth Annual Midwest Regional Grape & Wine Conference. 1998. Osage Beach, Missouri.

Wine grape varieties. Twelfth Annual Oklahoma Horticulture Industries Show. 1993. Tulsa, Oklahoma.

Bird control in small fruits. Twelfth Annual Oklahoma Horticulture Industries Show. 1993. Tulsa, Oklahoma.

In-State

High Plains Research Update. Texas Wine & Grape Growers Association Grape Camp. November 4, 2013. Fredericksburg, TX.

Overall Planning for Developing a New Vineyard: Site Assessment. Texas Wine & Grape Growers Association Grape Camp. November 3, 2013. Fredericksburg, TX.

Achieving Crop Balance for Yield and Quality. Texas Wine & Grape Growers Annual Conference & Trade show. February 14, 2013. San Marcos, TX.

The Texas Wine Industry. 20th Century Club. November 28, 2012. Lubbock, TX

Addressing Seasonal Nutritional Needs in the Vineyard. Texas Wine & Grape Growers Association Grape Camp. November 5, 2012. Fredericksburg, Texas.

Varieties and Rootstocks for Texas. Texas Wine & Grape Growers Association Grape Camp. November 4, 2012. Fredericksburg, Texas.

Texas Viticulture: Today and Tomorrow. Muesebach Lecture Series. Gillespie County Historical Society. May 18, 2012. Fredericksburg, Texas.

Can Texas Agriculture Support a Viable Wine Industry? Regional Benefits: Climate and Geographical Challenges. Winery and Wine Distribution Law Conference. Oct. 8-9, 2010. San Antonio, TX.

The Texas High Plains AVA. Texas Department of Agriculture High Plains Planting Tour. March 27, 2009. Lubbock, TX.

Sustainable Viticulture – Application and Implications for Texas. (Keynote speaker) Texas Wine and Grape Growers Association Annual Conference. February 21, 2009. Austin, TX.

Top Ten Keys to Growing High Quality Grapes in Texas. Texas Wine and Grape Growers Association Annual Conference. February 19, 2009. Austin, TX

The Winegrowing Regions of Texas. Lunch & Learning. Division of Outreach & Distance Education, Texas Tech University. February 19, 2008. Lubbock, TX

Grape Clones: Considerations for Texas Vineyards. 2008. Texas Wine & Grape Growers Association Annual Conference. February 23, 2008. Houston, Texas.

Economics of Vineyard Establishment. Texas Wine and Grape Growers Grape Camp. November 10, 2007. Fredericksburg, Texas.

Site Selection, Row Orientation, and Training Systems. Texas Wine and Grape Growers Grape Camp. November 9, 2007. Fredericksburg, Texas.

Frost Protection: Review of Techniques. Texas Wine and Grape Growers Grape Camp. November 9, 2007. Fredericksburg, Texas.

Emerging Wine Grape Varieties for Texas. Texas Wine and Grape Growers Grape Camp. November 9, 2007. Fredericksburg, Texas.

Economics of Vineyard Establishment. Texas Department of Agriculture Training. August 16, 2007. Austin, Texas.

Vineyard Economics and Current Market Situation. Developing a Growing Industry. May 8, 2007. Brownwood, Texas.

An Interactive GIS to Explore Texas Climates and Soils. Texas Wine and Grape Growers Association Conference. February 23, 2007. Houston, Texas.

Improving Grape Quality for Improved Wine Quality. 30th Annual Meeting of the Texas Wine and Grape Growers Association. February 24, 2006. Austin, Texas.

Climatic Analysis and Comparison of Texas Wine Regions. Texas Wine and Grape Growers Association – Grape Camp. November 12, 2005. Junction, Texas.

The National Grape and Wine Initiative. Texas Wine and Grape Growers Association – Grape Camp. November 12, 2005. Junction, Texas.

The Problem of Phenoxy Herbicide Drift on Grapevines. 52nd Annual Agricultural Chemicals Conference. September 7, 2004. Lubbock, Texas.

Can Texas Grow Great Grapes? Southwest Wine Symposium. 2003. Kerrville, TX.

Viticultural Lessons from Oregon. TWGGA Grape Camp. 2001. Junction, Texas

Winegrape Pest Management. IPM in Oregon: Achievements and Future Directions. 1999. Corvallis, Oregon.

Jory is a Premier Winegrowing Soil. Meeting of the Oregon Society of Soil Scientists. 1999. Salem, Oregon.

Management of a Phylloxera-Infested Vineyard. Phylloxera Summit. Oregon Wine Advisory Board. 1999. Eugene, Oregon.

Top Ten Lessons Learned by a Webmaster. OSU College of Agricultural Sciences Workshop on Applications of the Web for Program Delivery. 1999. Newport, Oregon.

Grape Production. Business of Horticulture Workshop, Clackamas Community College. 1999. Oregon City, Oregon.

Searching the Web for Pest Management Info for Landscape Contractors. Meeting of the Oregon Landscape Contractors Association. 1999. Canby, Oregon.

Table Grape Varieties for Oregon. Oregon Assoc. Nurserymen - Retail Chapter, Spring Meeting. 1997. Wilsonville, Oregon.

The Northwest Berry and Grape InfoNet. Sixth Northwest Biennial Blueberry Growers Meeting. 1996. Portland, Oregon.

Berry Crops for the Small Farm, Small Farming Workshop. 1996. Portland, Oregon.
Growing Winegrapes - advanced topics, Small Farming Workshop. 1996. Portland, Oregon.

The Oregon Grape Industry, Monthly meeting of the Rickreall Grange. 1996. Rickreall, Oregon.

Growing Berry Crops in Western Oregon, Small Farm Workshop. 1996. Portland, Oregon.

Using the World Wide Web for winegrape information, monthly meeting of the Salem area grape growers. 1996. Salem, Oregon.

Table grapes and fall raspberries, Tillamook County Master Gardeners Association. 1996. Aurora, Oregon.

The Winegrape Industry in Oregon. Elderhostel of Linn County. 1996. Corvallis, Oregon.

Searching the Internet with the Northwest Berry and Grape InfoNet. Willamette Field Representatives Monthly Meeting. 1996. Salem, Oregon.

The Northwest Berry and Grape InfoNet. Scenic Fruit Company Semi-annual Grower Meeting. 1996. Woodburn, Oregon.

The Internet and the Nursery Industry. Meeting of the Emerald Empire Chapter of the Oregon Association of Nurserymen. 1996. Eugene, Oregon.

Using Netscape and the Northwest Berry & Grape InfoNet. Internet Workshop. Oregon Wine Advisory Board. 1996. Salem, Oregon.

Using the World Wide Web to Access Nursery Information. 1995. Executive Committee Meeting of the Oregon Nurserymen Association. 1995. Aurora, Oregon.

Blueberry Disease Control. Meeting of the Oregon Blueberry Grower's Association. 1995. Aurora, Oregon.

Petiole analysis for determining grapevine nutrient status. Salem area winegrowers monthly meeting. 1995. Salem, Oregon.

Introduction to winegrape production in Oregon. Small Farm Workshop. 1995. Portland, Oregon.

Blueberry pollination requirements and bees. Meeting of the Oregon Blueberry Grower's Association. 1995. Aurora, Oregon.

Sanitary precautions to prevent the spread of phylloxera in vineyards. Consolidated Farm Service Agency, training session. 1995. Aurora, Oregon.

Table grapes for home gardens. Ornamentals Northwest Seminars. 1995. Portland

Training Systems for Grapevines. Kansas Grape Growers & Winemakers Association Annual Meeting. 1992. Topeka, Kansas.

Controlling Bird Damage in Grapes. Kansas Grape Growers & Winemakers Association Annual Meeting. 1992. Topeka, Kansas.

Wine Grape Varieties for Kansas. Kansas Grape Growers & Winemakers Association Annual Meeting. 1992. Topeka, Kansas.

Managing Fruit Crops for Cold Hardiness. Kansas Fruit Growers Association Annual Meeting. 1990. Manhattan, Kansas.

Grape cultivar performance and utilization. Kansas Fruit Growers Association Annual Conference. 1989. Manhattan, Kansas.

Grafting Grapevines. Kansas Fruit Growers Association Annual Conference. 1987. Manhattan, Kansas.

TEACHING

Undergraduate and Graduate Courses

Texas Tech University

Number	Title of Course	Credits	Spring	Summer	Students
PSS 4310	Viticulture II	3	2014		7
PSS 4001/5001	Vineyard Practices	3	-	2013	8
PSS 4310/5312	Viticulture II	3	2013	-	14
PSS 4310/5312	Viticulture II	3	2012	-	21
PSS 4310/5312	Viticulture II	3	2010	-	10

Kansas State University

Number	Title of Course	Credits	Fall	Spring	Avg. # Students
HORT 520	Fruit Production	3	1985-93	-	28
HORT 682	Pesticide Technology	3	-	1985-88	34
HORT 153	Home Horticulture	2	-	1989-94	55

Undergraduate Advising

Faculty Advisor, Wine Industry Scholars club, Texas Tech, 2013-present
Viticulture & Enology Internship Coordinator, Texas Tech, 2013-present

Graduate Student Advising

Chair or Co-Chair

Elvis Takow Ph.D., (In progress), Texas A&M University
Cassandra Plank Ph.D., (In progress), Texas Tech University
Brent Pape M.S., (In progress), Texas Tech University
Michael Krawitzky M.S., Horticulture, 2009, Texas Tech University
Ashley Basinger M.S., Horticulture, 2004, Texas Tech University
Jean Travis M.S., Horticulture, 1989, Kansas State University
Ping Huang M.S., Horticulture, 1988, Kansas State University
Gary Yocum M.S., Horticulture, 1987, Kansas State University

Committee Member

Christi Townsend Ph.D., Geography, 2012, Texas State University
Yanmei Zhang M.S., Plant & Soil Science, 2012, Texas Tech Univ.
Daniel Pate M.S., Agric. & Applied Econ., 2011, Texas Tech Univ.
Elvis Takow M.S., Rangeland Ecology & Mgt., 2008, Texas A&M
Mandi Vest M.S., Plant Pathology, 2004, Texas A&M University
Leslie Viguers M.S., Entomology, 2000 Oregon State University
Tyrone Hall M.S., Plant Pathology, 1999, Oregon State University
Braja Datta M.S., Horticulture 1996, Oregon State University
Tonye Numbere Ph.D., Horticulture 1990, Kansas State University

Outreach and Engagement Programs

Texas Viticulture Certificate Program (17 CEU credits) 2007-present.

Certificates have been awarded to 59 students, many of whom have established new commercial vineyards and wineries in Texas or are employed in the Texas wine industry. Current enrollment is 34 students. Instructor: Kirk Williams

Texas Winemaking Certificate Program (18 CEU credits) 2014.

This Program is designed for wine industry entrepreneurs, winemakers, cellar workers, and prospective winery employees seeking comprehensive knowledge of the principles of enology and commercial wine production practices. It is headquartered at the Hill Country University Center in Fredericksburg. Current enrollment 22 students. Instructor: Maureen Qualia

Texas Viticulture Short Course 2007, 10 lectures, 75 students

Texas Viticulture Short Course 2006, 12 lectures, 55 students

Texas Viticulture Short Course 2005, 12 lectures, 60 students

PROFESSIONAL SERVICE AND ACTIVITIES

American Society for Enology and Viticulture

Chair, Irrigation and Water Use Symposium Committee, 2014

Winemaking for Challenging Environments Symposium Committee, 2014

Technical Program Committee, 2011-2013

Session Moderator, ASEV Annual Conference, 2013

Technical Projects Committee, 2003-2009

Program Committee, ASEV Annual Conference, 2006

Student Poster Session Co-chair, 2006

Student Poster Awards Committee, 2006

Program Committee, ASEV Annual Conference, 2005

Session Moderator, ASEV Annual Conference, 2005

Secretary, ASEV–Northwest Chapter, 1999-2000

Manuscript reviewer for American Journal of Enology and Viticulture

American Society for Horticultural Science

Chair, Outstanding Researcher Award Selection Committee, 2008

Outstanding Researcher Award Selection Committee, 2006-2007

Local Arrangements Committee for ASHS Annual Conference, 2004

Tour leader, ASHS Annual Conference, 2004

Chair, Viticulture & Small Fruits Working Group, 1988-89

Chair-elect, Viticulture & Small Fruits Working Group, 1987-88

Fruit Publications Award Committee, 1988

Outstanding Horticulture Students Recognition Committee, 1988

Manuscript reviewer: Journal of ASHS, HortScience, HortTechnology

American Pomological Society

Wilder Medal Committee, American Pomological Society, 2008-2010

Manuscript reviewer: Journal American Pomological Society, Fruit Varieties Journal

Other Professional Leadership

National Viticulture & Enology Extension Leadership Group

Chaired annual conference, 2007, 2008

Chaired and hosted annual conference, 2006

Manager, National Viticulture Extension listserv, 2006-present

eXtension: Grape Community of Practice

Co-PI for SCRI grant (\$422,964) to develop the Grape Community of Practice Leadership Team, 2010-2013

Chair, Ask-an-Expert Committee, 2010-2013

NE-1020: Multi-state Evaluation of Winegrape Cultivars and Clones

Chair and annual meeting host, 2007-2008

Vice-Chair, NE1020, 2006-2007

Secretary, NE1020, 2005-2006

Western group proposal lead PI - preparation and submission, 2009

Manager, NE-1020 listserv, 2007-present

SERA-014: Development and Evaluation of Bunch and Muscadine Grapes

Chair 2003-2004

Host, annual meeting, 2004

Project Webmaster, 2003-2011

Other Professional Service

Organizing Committee, National Viticulture Research Conference, 2007, 2008

Guidance Committee, Viticulture Consortium – West, 2006-2009

Moderator, 2008 National Viticulture Research Conference

Co-chair, Winegrape Session, Oregon Horticultural Society, 1995-2000,

Viticulture & Enology Program Advisory Committee, Chemeketa C.C., 1998-2000

International Activities

Presenter, 18th International Symposium GiESCO. July 7-11, 2013. Porto, Portugal.

Speaker, IX International Terroir Congress. June 25-29, 2012. Dijon/Reims, France.

Speaker, VIII International Terroir Congress. June 14-18, 2010. Soave, Italy.

Invited Speaker, 105th Annual Meeting of the Cordilleran Section, Geological Society of America. Kelowna, B.C., Canada, May 7-9, 2009.

Consultant, Zaragoza Vineyards, San Miguel de Allende, Mexico. 2004-2006.

Manuscript Reviews

American Journal of Enology and Viticulture
Journal American Society for Horticultural Science
HortScience
HortTechnology
Journal American Pomological Society
Fruit Varieties Journal
Advances in Strawberry Production
Small Fruits Review
Environmental Modeling & Software
Journal of Maps

Book Reviews

Wine Grape Production Guide for Eastern North America. A. Wolf, 2008. Natural Resource, Agriculture, and Engineering Service.

At Home in the Vineyard. S. Sokol-Blosser, 2006, University of California Press.

Book - Consulting Editor

Ohmart, C.P. 2011. *View from the Vineyard: A Practical Guide to Sustainable Winegrape Growing.* Consulting Editors: T.E. Martinson, K. Striegler, M.L. Chien, and E.W. Hellman. Wine Appreciation Guild. San Francisco, California.

Research Proposal Reviews

USDA-ARS National Program 305: Crop Production Panel, 2013
Unity through Knowledge Fund, Croatia, 2013
University of California ANR Competitive Grants Program, 2012
Ontario Research Fund - Research Excellence program; 2009, 2010
Missouri Grape and Wine Board, 2006-2008
Proposal Review Panel, Viticulture Consortium – West, 2005
Viticulture Consortium – East, 2004-2009
USDA Tropical and Subtropical Agricultural Research Program, 1999
US-Israel Bi-national Agricultural Research & Development program, 1990, 1991

Promotion and Tenure External Reviews

Cornell University
Ohio State University
Oregon State University
Mississippi State University

University of Houston-Downtown
Agricultural Research Organization, The Volcani Center, Bet Dagan, Israel
Kuwait Institute for Scientific Research

University and Department Committees

Texas A&M

Search Committee, Webmaster – Aggie Horticulture, 2014
Search Committee, Viticulture Extension Specialist, 2013
Horticultural Sciences Tenure and Promotion Committee, 2007-present
Search Committee, Enology Faculty, Nutrition & Food Science, 2006-2007
Technology Committee, Lubbock Ag. Research & Extension Center, 2004-2006
Web Committee, Lubbock Ag. Research & Extension Center, 2001-2003
Pierce's Disease Task Force, 2001-2004
Search Committee, Vegetable Extension Specialist, Lubbock AREC - 2001

Texas Tech

Chair, Enology Instructor Search Committee, 2013
Enology Faculty Mentoring Committee, 2008-2013
Strategic Planning Committee, Dept. Plant & Soil Science, 2008
Search Committee, Enology Faculty, Plant & Soil Science, 2006-2007
Department Website Committee, Plant & Soil Science, 2006-2007
Recruitment and Retention Committee, Plant & Soil Science, 2005-2007

Oregon State University

College of Agricultural Sciences Web Planning Committee 1999-2000
Awards Committee, Oregon State Extension Association, 1999-2000
Search Committee for Extension Internet Educator, 1997
Co-coordinator, Berry and Grape Extension Working Group, 1996-2000
InterACTION: The Oregon Initiative for 21st Century Food Systems
Education, 1994-1995
Extension Annual Conference Committee, 1996
Phylloxera Task Force, 1995

Kansas State University

College of Agriculture Academic Standards Committee
Agricultural Product Development and Utilization Task Force
Faculty Development Committee
Crop Protection Committee
Coordinator, Horticulture Research Farm
Horticulture Department Undergraduate Course and Curriculum Committee
Chair, Horticulture Department Facilities and Space Committee
Graduate Committee, Horticulture Department

Cultivar Release Committee, Horticulture Department
Faculty Search Committees (3)
Advisor, Undergraduate Horticulture Club, 1995-1996

SERVICE TO INDUSTRY

National Grape and Wine Initiative

Board of Directors, 2004-present
Chair, Extension and Outreach Education Committee; 2004-2009; 2012-2013
Nominating Committee, 2013-2014
Research Committee, 2012-2013
Executive Committee, 2007-2009
Governance Committee, 2004-2005

Texas Wine and Grape Growers Association

Education and Research Committee, 2008-present
2,4-D Committee, 2010-2011
Board of Directors, Texas Wine and Grape Growers Association, 2003-2005

Other Industry Service

Texas Wine Industry Development Program Advisory Committee, Texas Department
of Agriculture, 2005-2009
Wine Grape Investment Grant Program, Texas Dept. of Agriculture, 2008, 2010
Board of Directors, Kansas Grape Growers and Winemakers Association, 1991-1994
Board of Directors, Kansas Fruit Growers Association, 1989-1991

PUBLIC SERVICE

Troop Committee, Boy Scout Troop 536, Lubbock, TX, 2002-2005
Newsletter Editor, Boy Scout Troop 536, Lubbock, TX, 2002-2004
Boy Scout Troop 485, Silverton, OR, 2000
Cub Scout Pack 113, Silverton, OR 1994-2000