

Justin J. Scheiner

Assistant Professor and Extension Viticulture Specialist
Department of Horticultural Sciences
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EDUCATION

Ph.D.

Cornell University: Horticulture
Specialization: Viticulture

M.S.

Texas A&M University: Molecular and Environmental Plant Sciences
Specialization: Plant Physiology

B.S.

Sam Houston State University
Major: Horticulture and Crop Sciences

PROFESSIONAL EXPERIENCE

Texas A&M University – College Station, Texas (2014-Present)

Title: Assistant Professor and Extension Specialist, Department of Horticultural Sciences

Grayson College – Denison, Texas (2011-2014)

Title: Director and Professor, Viticulture and Enology Program

Grayson College – Denison, Texas (2010)

Title: Adjunct Instructor, Viticulture and Enology Program

Finger Lakes Community College – Canandaigua, New York (2009-2010)

Title: Adjunct Instructor, Department of Environmental Conservation and Horticulture

Cornell University - Ithaca, New York (2007-2010)

Title: Graduate Research Assistant, Department of Horticulture

Texas A&M University - College Station, Texas (2005-2007)

Title: Graduate Research Assistant, Department of Soil and Crop Sciences

Color Spot Nurseries - Huntsville, Texas (2002-2005)

Title: Team Lead, Grower, Pesticide Applicator

PUBLICATIONS

Refereed Journals:

Scheiner, J.J., J.E. Vanden Heuvel, B. Pan, and G.L. Sacks. 2012. Modeling Impacts of Viticultural and Environmental Factors on 3-Isobutyl-2-methoxypyrazine in Cabernet Franc. *Am. J. Enol. Vitic.* 63 (1)94-105.

Scheiner, J.J., G.L. Sacks, B. Pan, S. Ennahli, L. Tarlton, A. Wise, S. Lerch, and J.E. Vanden Heuvel. 2010. Impact of Severity and Timing of Basal Leaf Removal on 3-Isobutyl-2-methoxypyrazine Concentrations in Red Wine Grapes. *Am. J. Enol. Vitic.* 63(3)358:364.

Abstracts/Proceedings:

Scheiner, J.J., G.L. Sacks, and J.E. Vanden Heuvel. Reducing Herbaceous Aromas in Cabernet Franc. *In the proceedings of the Midwest Grape and Wine Conference. St. Charles, Missouri, February 2011.*

Vanden Heuvel, J.E. and J.J. Scheiner. Canopy Management of Hybrid Winegrapes to Improve Quality. *In the proceedings of the New England Vegetable and Berry Conference. Manchester, New Hampshire, December 2009.*

Scheiner, J.J., G.L. Sacks, and J.E. Vanden Heuvel. 2009. Multivariate Analysis of Viticultural Impacts on Methoxypyrazines in *Vitis Vinifera* cv. Cabernet Franc. *In the proceedings of the American Society of Enology and Viticulture Eastern Section. Painesville, Ohio, July 2009.* *Amer. J. Enol. Vitic.* 60(4)551A.

Scheiner, J.J., G.L. Sacks, B. Pan, A. Wise, L. Tarleton, and J.E. Vanden Heuvel. 2009. Impact of Basal Leaf Removal on Methoxypyrazine Concentration in Cabernet Franc and Merlot Grapes. *Amer. J. Enol. Vitic.* 60(3):407A.

Scheiner, J.J., J.T. Cothren, and J.B. Bynum. Physiological Response of Cotton to Application of 1-Methylcyclopropene. *In the proceedings of the Beltwide Cotton Conference. San Antonio, Texas, January 2007.*

Scheiner, J.J., J.T. Cothren, and J.B. Bynum. Examining the Effects of 1-Methylcyclopropene on Cotton Lint Yield. *In the proceedings of the Beltwide Cotton Conference. San Antonio, Texas, January 2007.*

Scheiner, J.J., J.T. Cothren, and J.B. Bynum. Physiological Response of Cotton to Application of 1-Methylcyclopropene. *In the proceedings of the Texas Plant Protection Conference. College Station, Texas, December 2006*

Scheiner, J.J. and J.T. Cothren. Evaluating the Performance of Reduced Rate and Standard Rate Harvest Aids for Central Texas. *In the proceedings of the Beltwide Cotton Conference. San Antonio, Texas, January 2006.*

Scheiner, J.J., J.T. Cothren, and J.B. Bynum. Examining the Effects of Reduced Rate Defoliant on Performance and Economic Influence on Lint Quantity and Quality. *In the proceedings of the Beltwide Cotton Conference. San Antonio, Texas, January 2006.*

Trade Journals:

Scheiner, J.J., G.L. Sacks, and J.E. Vanden Heuvel. 2009. How Viticultural Factors Affect Methoxypyrazines. *Wines and Vines. 11:113-117.*

Newsletter Articles:

Martinson, T., and J.J. Scheiner. 2010. Research Focus: Cornell Researchers Tackle Green Flavors in Red Wines. *Appellation Cornell Newsletter. 1:1-5.*

Guides:

Kamas, J. E. Hellman, J. Scheiner. 2015. 2015 Texas Grape Pest Management Guide. Texas A&M AgriLife Extension Service. HT-085.

TEACHING EXPERIENCE

Texas A&M University

Assistant Professor: Horticultural Sciences

Courses developed and instructed:

Introduction to Wine (Fall 2014)

Direction of undergraduate research:

1 student (Fall 2014)

Graduate Committees:

Christina Olivarez. M.S. student Horticultural Sciences. Blanc Du Bois Wine Quality. Chair: Dr. Greg Cobb.

Albre Brown. M.S. student Plant Pathology and Microbiology. Grapevine Canker. Chair: Dr. David Appel.

Sheila McBride. M.S. student Plant Pathology and Microbiology. Chair: Dr. David Appel.

Melyssa Stricklin. M.S. student in Recreation Parks and Tourism Sciences. Effect of Factors on Experience Quality of Event Participants. Chair: Dr. Gary Ellis.

Grayson College

Professor: Viticulture and Enology Program

Courses developed and instructed:

Grapevine Biology (Fall 2013)

Grape and Wine Chemistry (Fall 2013)

Principles of Viticulture I (Fall 2011, 2012, 2013)

Principles of Viticulture II (Spring 2011, 2012, 2013)

Principles of Enology I (Spring 2011, 2012, 2013)

Principles of Enology II (Fall 2011, 2012, 2013)

Wine Types and Sensory Evaluation (Spring 2013, Fall 2013)

Analysis of Must and Wine (Spring 2012, 2013)

Wine Filtration Techniques (Summer 2011)

Wine Microbiology (Summer 2011)

Wine Development and Blending (Summer 2011, Fall 2012)

Winegrowing Regions of the World (Fall 2011, 2012)

Wine Marketing (Spring 2011, 2013, Fall 2012)

Wine and the Law (Summer 2011, 2012)

Principles of Horticulture (Spring 2011)

Intro to Agriculture Chemistry (Spring 2011, Fall 2011, 2012)

Coordinated Work Experience (Spring 2011, 2012, 2013, Summer 2011, 2012, 2013, Fall 2011, 2012)

Internship in Food Science (Fall 2013)

Director: Enology Outreach Program (i.e., significant role in design and development)

Seminars/Workshops:

Sustainability in Winery Design. Denison, TX. March 17, 2013. 8 participants.

Practical Planning for Winery Start-ups. Denison, TX. February 2, 2013. 14 participants.

Best Practices in Bottling and Filtration. Austin, TX. December 5, 2012. 14 participants.

Best Practices in Vineyard Management. Austin, TX. September 5, 2012. 5 participants.

Best Practices in Winery Management. Austin, TX. October 14, 2012. 10 participants.

Roadmap to Establishing a Commercial Winery. Denison, TX. August 11, 2012 participants.

Viognier Symposium. Comanche, TX. March 19, 2012. 30 participants.

Designing Dessert, Specialty, and Formula Wines. Denison, TX. January 16, 2012. 18 participants.

Developing Structure and Complexity. Denison, TX. December 5, 2011. 12 participants.

Business of Winemaking Seminar Series - Run It. Austin, TX. November 14, 2011. 19 participants.

Business of Winemaking Seminar Series - Build It. Austin, TX. October 10, 2011. 19 participants.

Business of Winemaking Seminar Series - Plan It. Austin, TX. September 12, 2011, 16 participants.

Roadmap to Establishing a Commercial Winery. Denison, TX. August 13, 2011.
15 participants.

Wine Quality Boot Camp. Denison, TX. June 4 - 7, 2011. 15 participants.

Establishing a Commercial Vineyard From the Ground Up. Denison, TX. May
15, 2011. 15 participants.

Advanced Agri-tourism and Wine Marketing. Austin, TX. March 28, 2011. 21
participants.

Effective Use of Refrigeration in Winemaking. Denison, TX. March 7, 2011. 12
participants.

Adjunct Instructor: Viticulture and Enology Program

Courses:

Principles of Viticulture II (Spring 2010)

Cornell University

Instructor: Department of Horticulture

Courses:

Viticulture and Vineyard Management II (Spring 2010)

Teaching Assistant: Department of Horticulture

Courses:

Viticulture and Vineyard Management I (Fall 2008)

Guest Lecturer:

Viticulture and Vineyard Management (Fall 2008)

Finger Lakes Community College

Adjunct Instructor: Department of Environmental Conservation & Horticulture

Courses:

Introduction into Wines and Vines (Fall 2009)

Basic Viticulture Techniques (Spring 2010)

Vineyard Technology (Summer 2010)

Guest Lecturer:

Introduction to Horticulture (Spring 2010)

Plant Pathology (Spring 2010)

Texas A&M University

Teaching Assistant: Department of Soil and Crop Sciences

Courses:

Soil Science Lab (Spring 2006)

PRESENTATIONS

Invited:

Scheiner, J.J. Grapes for Table and Wine- Can Both Fit in Texas? Stephen F. Austin Gardens Lecture Series. July, 2015.

Scheiner, J.J. Grape Production in Texas. Texas A&M University Breeder's Circle. April, 2015.

Scheiner, J.J. Grape Pest Management. Rio Farms Grape Field Day. Weslaco, Texas. April, 2015.

Scheiner, J.J. The Texas Grape and Wine Industry. Texas A&M University Landscape Design School Series XXIV. College Station, Texas February, 2015.

Scheiner, J.J. Grape and Wine Production in Texas. Invited lecture at Austin College. Sherman, Texas. January 2015.

Scheiner, J.J. Wine Etiquette. Student American Institute of Floral Designers. November, 2015.

Scheiner, J.J. Origin of Green Flavors and Their Management. Winemaking in Challenging Environments Symposium: American Society of Enology and Viticulture Conference. Austin, Texas. June, 2014.

Scheiner, J.J. Effect of Canopy Management and Light Levels on Tempranillo Fruit Composition. Newsom Grape Day. Plans, Texas. May 2014.

Scheiner, J.J. Resources Available to Texas Grape Growers and Winemakers. Texas Wine and Grape Grower's Association Annual Conference. Frisco, Texas. February 2014.

Scheiner, J.J. Disease Control in Gulf Coast Vineyards. Gulf Coast Grape Grower's Conference. Cat Spring, Texas. February 2014

- Scheiner, J.J. Frost Protection Strategies for Vineyards. Texas Wine and Grape Growers Association – Grape Camp. Fredericksburg, Texas. November 2013.
- Scheiner, J.J., The Texas Wine Industry. Invited lecture at Austin College. Sherman, Texas. January 2013.
- Scheiner, J.J. Overview of Major Grape Diseases and Management Strategies. Texas Wine and Grape Growers Association – Grape Camp. Fredericksburg, Texas. November 2012.
- Scheiner, J.J., G.L. Sacks, and J.E. Vanden Heuvel. Reducing Green Flavors in the Vineyard. Ontario Fruit and Vegetable Conference. St. Catherines, Ontario. February 2010.
- Sacks, G.L., J.E. Vanden Heuvel, I. Ryona, B. Pan, and J.J. Scheiner. Vegginess – In the Wine or Winemaker. Washington Association of Wine Grape Growers Meeting. Kennewick, Washington. February 2010.
- Scheiner, J.J., G.L. Sacks, and J.E. Vanden Heuvel. Managing Methoxypyrazines in the Vineyard. Long Island Agricultural Forum. Riverhead, New York. January 2010.
- Scheiner, J.J., Q. Sun, G.L. Sacks, and J.E. Vanden Heuvel. Canopy Management of Hybrid Winegrapes to Improve Quality. New England Vegetable and Berry Conference. Manchester, New Hampshire. December 2009.
- Vanden Heuvel, J.E., G.L. Sacks, and J.J. Scheiner. Viticultural Impacts on Green Aromas in Red Wine Grapes. Ohio State University Fall Viticulture Conference, Wooster, Ohio. November 2009.
- Scheiner, J.J., G.L. Sacks, and J.E. Vanden Heuvel. Multivariate Analysis of Viticultural Impacts on Methoxypyrazine Concentrations in Cabernet Franc Grape Berries. Cornell Recent Advances in Viticulture and Enology. Ithaca, New York. November 2009.
- Scheiner, J. J. and J.E. Vanden Heuvel. Canopy Management for Reducing Green Aromas in Cabernet Franc. Pennsylvania Quality Assurance Group, West Chester, Pennsylvania. August 2009.
- Scheiner, J.J., A. Lakso, G.L. Sacks, and J.E. Vanden Heuvel. Reducing Methoxypyrazines in the Vineyard. Wineries Unlimited Trade Show and Conference, King of Prussia, Pennsylvania. March 2009.

Scheiner, J.J., G.L. Sacks, B. Pan, I. Ryona, and J.E. Vanden Heuvel. Viticultural Impacts on Methoxypyrazine Concentrations in New York State Cabernet Franc. Washington Association of Wine Grape Growers Annual Meeting and Trade Show, Keenewick, Washington. February 2009.

Scheiner, J.J. Physiological Effect of 1-Methylcyclopropene on Upland Cotton. Texas and Oklahoma Harvest Aide Workgroup, San Antonio, Texas. February 2007.

Conferences:

Scheiner, J.J. Muscadine Production. Disease Management in Gulf Coast Vineyards. Nacogdoches, Texas. February, 2015.

Scheiner, J.J. Muscadine Production. East Texas Fruit and Vegetable Conference. Nacogdoches, Texas. February, 2015.

Scheiner, J.J. How Management Practices and Environmental Factors Affect Quality. Texas Wine and Grape Growers Association Annual Conference. San Marcos Texas. February, 2015.

Scheiner, J.J. Muscadines: What you've been missing and need to know. Texas Fruit Conference. College Station, Texas. October 2014.

Vanden Heuvel, J.E., G.L. Sacks, and J.J. Scheiner. Viticultural impacts on herbaceous aromas in red wine grapes. Midwest Grape and Wine Conference. St. Charles, Missouri. February 2011.

Scheiner, J.J., J.E. Vanden Heuvel, and G.L. Sacks. Viticultural Impacts on Methoxypyrazines in Cabernet Franc Grapes. Viticulture 2010. Rochester, New York. February 2010.

Scheiner, J.J., G.L. Sacks, and J.E. Vanden Huevel. Multivariate Analysis of Viticultural Impacts on Methoxypyrazines in Cabernet Franc. Cornell Recent Advances in Viticulture and Enology Conference. Ithaca, New York. November 2009.

Scheiner, J.J., G. Sacks, and J. Vanden Heuvel. Multivariate Analysis of Viticultural Impacts on Methoxypyrazines in *Vitis Vinifera* cv. Cabernet Franc. American Society of Enology and Viticulture Eastern Section. Painesville, Ohio. July 2009.

Scheiner, J.J., G. Sacks, L. Tarleton, A. Wise, and J. Vanden Heuvel. Impact of Basal Leaf Removal on Methoxypyrazine Concentration in Cabernet Franc and Merlot Grapes. American Society of Enology and Viticulture. Napa, California. June 2009.

Cothren, J.T., J.B. Bynum, and J.J. Scheiner. Potential for 1-Methylcyclopropene Enhancement of Lint Yield in Cotton. International Plant Growth Substances Association. Puerto Vallarta, Mexico. July 2007.

Scheiner, J.J., J.T. Cothren, and J.B. Bynum. Physiological Response of Cotton to Application of 1-Methylcyclopropene. Beltwide Cotton Conference. San Antonio, Texas. January 2007.

Scheiner, J.J., J.T. Cothren, and J.B. Bynum. Examining the Effects of 1-Methylcyclopropene on Cotton Lint Yield. Beltwide Cotton Conference. San Antonio, Texas. January 2007.

Scheiner, J.J., J.T. Cothren, and J.B. Bynum. Physiological Response of Cotton to Application of 1-Methylcyclopropene. Texas Plant Protection Conference. College Station, Texas. December 2006

Scheiner, J.J. and J.T. Cothren. Evaluating the Performance of Reduced Rate and Standard Rate Harvest Aids for Central Texas. Beltwide Cotton Conference. San Antonio, Texas. January 2006.

Scheiner, J.J., J.T. Cothren, and J.B. Bynum. Examining the Effects of Reduced Rate Defoliants on Performance and Economic Influence on Lint Quantity and Quality. Beltwide Cotton Conference. San Antonio, Texas. January 2006.

Outreach:

Scheiner, J.J. Earth-Kind Grapes. Nueces County Master Gardeners. Robstown, Texas. June, 2015.

Scheiner, J.J. and J. Anciso. Rio Grande Valley Grape Grower Field Day. Weslaco, Texas. June, 2015.

Scheiner, J.J. Rio Grande Valley Home winemaking Workshop. Weslaco, Texas. June, 2015.

Scheiner, J.J. Recovering From Serious Fungal Infections. Gulf Coast Grape Grower Tailgate Meeting. College Station, Texas. June, 2015.

Scheiner, J.J. Effect of Vine Water and Nutrient Status on Fruit Composition. Advanced Grape Grower Short Course. College Station, Texas. June, 2015.

Scheiner, J.J. New Fungicide Chemistries and Products. Advanced Grape Grower Short Course. College Station, Texas. June, 2015.

Scheiner, J.J. Home Winemaking. Bexar County Master Gardeners. Helotes, Texas. May, 2015.

Scheiner, J.J. Disease Management in Grapes. Hill Country Grape Grower Field Day. Hye, Texas. April, 2015.

Scheiner, J.J. Grape Pest Management Workshop. McKinney, Texas. March, 2015.

Scheiner, J.J. Prospective Winegrowers Workshop. Denison, Texas. March, 2015.

Scheiner, J.J. East Texas Pruning Workshop. Canton, Texas. February 2015.

Scheiner, J.J. North Texas Pruning Workshop. Saint Jo, Texas. February 2015.

Scheiner, J.J. Gulf Coast Pruning Workshop. Navasota, Texas. February 2015.

Scheiner, J.J. Grape Production. Titus County Master Gardeners. Mt Pleasant, Texas. January 2015.

Scheiner, J.J. Home Winemaking Workshop. Collin County Master Gardeners. McKinney, Texas. January 2015.

Scheiner, J.J. Gulf Coast Pruning Workshop. Santa Fe, Texas. January 2015.

Scheiner, J.J. Insect and Disease Management, Post-harvest Management, and Yeast Assimilable Nitrogen. North Texas Grape Growers Workgroup Workshop. Celina Texas. October 2014.

Scheiner, J.J. Post-harvest vineyard management. East Texas Wine and Grape Producers Meeting. October, 2014.

Scheiner, J.J. Grape Berry Ripening Problems. Oklahoma State University Advanced Grape Grower Workshop. Stillwater Oklahoma, July 2014.

Scheiner, J.J. Prospective Winegrower Workshop. Celina, Texas. June 2014.

Scheiner, J.J. Grapevine Propagation and Culture. Master Gardener's Conclave. College Station, Texas. May 2014.

Scheiner, J.J. Disease Management. Gulf Coast Grape Growers Meeting. Burton, Texas. May 2014.

Scheiner, J.J., Canopy Management. East Texas Wine and Grape Producers Meeting. Tyler, Texas. May 2014.

Scheiner, J.J. Grape Pest Management Field Day. Cat Spring, Texas. April, 2014.

Scheiner, J.J. Texas A&M AgriLife Extension Viticulture. Monte Alto, Texas. Rio Farms Field Day. March 2014.

Scheiner, J.J. Economics of Older Vineyards. Becker Grape Grower Field Day. Fredericksburg, Texas. February 2014.

Scheiner, J.J. Disease Control for East Texas Vineyards. East Texas Grape Growers Work Group. Tyler, Texas. February 2014.

Scheiner, J.J. Grafting Techniques. Texas Education Agency Horticulture Workshop. Huntsville, Texas. June 2013.

Scheiner, J.J., Disease Control Options for North Texas. North Texas Viticulture Working Group. Celina, Texas. June 2013.

Scheiner, J.J., Canopy Assessment. Gulf Coast Vineyard Field Day. Shiro, Texas. April 2013.

Scheiner, J.J. Best Practices in Vineyard Management. Grayson College Enology Outreach Program. Austin, Texas. September 2012.

Scheiner, J.J. Viognier: Growing Considerations for Viognier. Viognier Symposium. Comanche, Texas. March 2012.

Scheiner, J.J. Vineyard Start-up Activities. Grayson College Enology Outreach Program. Austin, Texas. October 2011.

Scheiner, J.J. Vineyard Sampling Techniques. Wine Quality Boot Camp. Denison, Texas. June 2011.

Scheiner, J.J. Viticultural Impacts on Color Development. Wine Quality Boot Camp. Denison, Texas. June 2011.

Scheiner, J.J. Establishing a Commercial Vineyard From the Ground Up. Grayson College Enology Outreach Program. Denison, Texas. May 2011.

GRANTS

Active:

\$34,000 North Texas Grapevine Cultivar and Rootstock Trial.

PI: J. Scheiner (100% to J. Scheiner)

Co-PI's: Grayson College (Approx. 40% to Grayson College)

TDA Block 12/14-12/15

\$28,900 Development of the Vineyard Advisor - a Mobile Application for Grape Disease and Pest Management Recommendations.

PI: E. Hellman

Co-PI's: J. Scheiner (Approx.10% to J. Scheiner)

ADDITIONAL INFORMATION

Service

- Board of Directors: American Society of Enology and Viticulture (2014-present)
- Reviewer: Journal of Agricultural and Food Chemistry, Hort Technology, and Texas A&M University Press (Ongoing)
- Speaker: Food Ways of Texas Symposium (2014)
- Speaker: Sam Houston State University Alumni Association (2014)
- Judge: Austin County Fair Wine Competition (2014)
- Co-Chair: Texas Wine and Grape Growers Association Education and Research Committee (2012-current)
- Speaker: North Texas Vineyard Tour (2013)
- Judge: Lone Star International Wine Competition (2013)
- Volunteer Consultant for Grape Production in Egypt: ADCI/VOCA-US AID (2013)
- Steering Committee Member: Kickin Back Denison: A Celebration of Art, Wine, and History (2013)
- Chair: Texas Non-Commercial Wine Competition (2013)
- Speaker: Friends of Hagerman: BirdFest Texoma (2013)
- Speaker: Denison Leadership Institute (2013)
- Founding Member: Texoma Wine Club (2012)

- Curriculum Specialist: Workforce Education Course Manual Workshop (2012)
- Steering Committee Member: Denison Art and Wine Renaissance (2012)
- Chair: Denison Art and Wine Renaissance Amateur Wine Competition (2012)
- Chair: Texas Wine and Grape Growers Association Education and Research Committee (2011)
- Speaker: Cornell College of Agriculture and Life Sciences Alumni Association Outstanding Alumni Awards Banquet (2010)
- Speaker: Cornell College of Agriculture and Life Sciences Alumni Association – Pride of New York (2010)
- Texas A&M University Soil and Crop Science Graduate Student Association, Vice President (2006-2007)
- Stephen F. Austin State University Horticulture Club, Vice President (2001-2002)

Professional Affiliations

- Texas Wine and Grape Growers Association
- American Society for Enology and Viticulture
- American Society for Enology and Viticulture Eastern Section

Honors and Awards

- American Society of Enology and Viticulture Eastern Section Scholarship (2010)
- American Wine Society Student Scholarship (2010)
- American Society of Enology and Viticulture Eastern Section Best Student Paper (2009)
- American Society of Enology and Viticulture Student Scholarship (2009)
- Homan Fund Travel Grant, Cornell University (2009)
- Conference Travel Grant, Cornell University (2009)
- Invited member Phi Kappa Phi Honor Society, Texas A&M University Chapter (2007)
- 1st Place Beltwide Cotton Conference Graduate Student Poster Competition (2007)
- 2nd Place Beltwide Cotton Conference Graduate Student Oral Competition (2007)
- 3rd Place Beltwide Cotton Conference Graduate Student Poster Competition (2006)
- Invited member Gamma Sigma Delta, Agriculture Honor Society, Texas A&M University Chapter (2005)