



## Message from the Director

**Happy New Year! I hope that you all had a wonderful holiday season and ample time to rest and recharge. While we look ahead to another productive year for the *VitisGen3* project, it is also important to express my gratitude to all of you for your hard work, kindness, and dedication to our scientific community. During the Annual Meeting on January 11-12, 2024, we'll have time to catch up with our Advisory Board, hear our colleagues' most recent results, and discuss the year to come. We will miss those of you who can't make the trip to San Diego this year, but meeting minutes will be made available as soon as possible after the meeting, and we look forward to engaging with you in myriad ways throughout 2024.**

~Matt Clark



Photos by Davy DeKrey

## Important Info for the VG3 Annual Meeting

**Meeting Dates:** January 11-12, 2024 in San Diego, CA

**Itinerary:** [The itinerary for the meeting is linked here.](#)

**If you're presenting at the meeting:** Please send your slides to Kate at [fessl023@umn.edu](mailto:fessl023@umn.edu) by January 8th, 2024.

**Zoom Options:** The lightning talks and Keynote presentation by Dr. Oliver Trapp will be broadcast via Zoom at 8:30am PST/10:30am CST/11:30am EST.

To view these presentations, [please click here for the Zoom link](#) or use the following information:

Meeting ID: 950 6061 3194

Passcode: xPncT8

Questions about upcoming meetings? Email Kate at [fessl023@umn.edu](mailto:fessl023@umn.edu)

# Social media roundup

Click on an image to open the post!



Dr. Summaria Riaz truckin  
her sensors down the line



This is an adapted version  
of our famous





## Announcements

Contact Kate Fessler at [fessler023@umn.edu](mailto:fessler023@umn.edu) to add announcements to this newsletter

Michelle Moyer's Spring Extension newsletter is doing a call for articles! If you have a short, grower focused VG3 article, please email [michelle.moyer@wsu.edu](mailto:michelle.moyer@wsu.edu)

VG3 postcards have been printed. Send your mailing address to [fessler023@umn.edu](mailto:fessler023@umn.edu) to receive a set to hand out at your next event.

**Staff Spotlight: Kate Fessler**



Grant & Project Manager for the VitisGen3 program, based at the University of Minnesota

My role within VG3 is quite seasonal! In the winter I am busy scheduling and facilitating quarterly meetings to set our work plan for the year, as well as preparing for marker assisted selection (MAS) research. In the spring I help conduct the MAS work and make sure all our objective teams have the supplies and support they need to be successful. In the summer I focus on collecting and synthesizing our annual report for the USDA NIFA. During the fall semester I put on my "event planner" hat to bring together the End of Year meeting, UMN Annual Grape Field Day, and San Diego Annual Meeting. Throughout the year I am always engaged in responding to PI requests, sending out our newsletter, posting on our social media, monitoring our budget, and approving purchase requests.

My favorite thing about my job is getting to interact with so many PIs, collaborators, and advisory board members across all objectives. This project includes such a lively and welcoming team of brilliant people; it's a privilege to provide the support they need to complete their work successfully.

## Upcoming Conferences

Click on underlined text for more information about each event

**VitisGen3 Annual Meeting January 11-12, 2024 in San Diego, CA**

**Southeast Regional Fruit and Vegetable Conference, January 11-14, 2024 in Savannah, GA**

**Unified Wine & Grape Symposium, January 23-25, 2024 in Sacramento, CA**

**Georgia Wine Producers Annual Conference, January 28-30, 2024 in Macon, GA**

**Oregon Wine Symposium, February 13-14, 2024 in Portland, OR**

**50th Annual Ohio Grape & Wine Conference, February 19-20, 2024 in Dublin OH**

**U.S. Sustainable Winegrowing Summit, April 30-May 1, 2024 in Lodi, CA**

**ASEV National Conference, June 17-20, 2024 in Portland, OR**

**International Conference on Grapevine Physiology and Biotechnology, December 18-19, 2024 in Barcelona, Spain**

## Upcoming Extension Events

Click on underlined text for more information about each event

Eastern Viticulture and Enology Forum (EVEF) webinar series in collaboration with Penn State, Colorado State, Cornell, U of Georgia, Iowa State, U of Maryland, Ohio State, and Rutgers

Northwest Michigan Orchard and Vineyard Show, **Jan 16-17, 2024 in Traverse City, MI**

Arkansas Association of Grape Growers Meeting, **January 25-27, 2024 in Hot Springs, AR**

Southwest Michigan Horticultural Days, **February 7-8, 2024 in Benton Harbor, MI**

NC Winegrower Association (NCWA) Conference, **Feb 8-10, 2024 in Winston Salem, NC**

UMN Annual Grape Research Update, **February 20, 2024 10am-1pm CST in Farmington, MN**

Winter Grape School, **March 1, 2024 in Biltmore Vineyard, Asheville, NC**

Small Production Mini-Conference, **March 15, 2024 in Griffin, GA**

Oregon Wine Research Institute Grape Day, **April 2, 2024**

10:30am-5pm PST in Corvallis, OR

UGA Small Fruits Extension Meeting, **Jun 5, 2024 in Watkinsville, GA**

## Recent papers from VG3 PIs and Collaborators

Alahakoon D, **Fennell A**, Helget Z, Bates T, Kam A, Manns D, Mansfield AK, **Reisch BI**, Sacks G, **Sun Q**, **Zou C**, **Cadle-Davidson L**, Londo JP. Berry Anthocyanin, Acid, and Volatile Trait Analyses in a Grapevine-Interspecific F2 Population Using an Integrated GBS and rhAmpSeq Genetic Map. *Plants* (Basel). 2022 Mar 4;11(5):696. doi: 10.3390/plants11050696. PMID: 35270166; PMCID: PMC8912348.

Buell CR, **Dardick C**, Parrott W, Schmitz RJ, Shih PM, Tsai C-J and Urbanowicz B. (2023) Engineering custom morpho- and chemotypes of *Populus* for sustainable production of biofuels, bioproducts, and biomaterials. *Front. Plant Sci.* 14:1288826. doi: 10.3389/fpls.2023.1288826

Bustamante MI, Elfar K, Smith R, Bettiga L, Tian T, Torres-Londoño GA, **Eskalen A**. First Report of *Fusarium annulatum* Associated with Young Vine Decline in California. *Plant Dis.* 2022 Mar 20. doi: 10.1094/PDIS-12-21-2790-PDN. Epub ahead of print. PMID: 35306844.

Clare, S. J., Driskill, M., Millar, T. R., Chagne, D., Montanari, S., Thomson, S., Espley, R. V., Munoz, P. R., Benevenuto, J., Zhao, D., **Sheehan, M.**, Mengist, M. F., Rowland, L. J., Ashrafi, H., Melmaiee, K., Kulkarni, K. P., Babiker, E. M., Main, D., Olmstead, J., ... Bassil, N. V. (2023). Development of a targeted genotyping platform for reproducible results within tetraploid and hexaploid blueberry. *Frontiers in Horticulture*, 2, 1339310. <https://doi.org/10.3389/fhort.2023.1339310>

El-Abbasy UK, Abdel-Hameed MA, **Hatterman-Valenti HM**, El-Shereif AR, Abd El-Khalek AF. Effectiveness of Oregano and Thyme Essential Oils as Alternatives for Sulfur Dioxide in Controlling Decay and Gray Mold and Maintaining Quality of 'Flame Seedless' Table Grape (*Vitis vinifera* L.) during Cold Storage. *Agronomy*. 2023; 13(12):3075. <https://doi.org/10.3390/agronomy13123075>

**Gallardo, K. R.**, Galinato, S. P., & Benedict, C. (n.d.). 2022 Cost Estimates of Producing and Packing Conventional 'Draper' Blueberries in Western Washington (WSU Peer Reviewed) [WSU Peer Reviewed Extension Publication]. Washington State University.

**Gallardo, R. K.**, Ma, X., Colonna, A., Montero, M. L., & Ross, C. (2023). Consumers' Preferences for Novel and Traditional Pear Cultivars: Evidence from Sensory Evaluation and Willingness-to-pay Elicitation. *HortScience*, 58(12), 1474-1483. Retrieved Nov 9, 2023, from <https://doi.org/10.21273/HORTSCI17317-23>

Kangben, F., Kumar, S., Li, Z., Sreedasyam, A., **Dardick, C.**, Jones, D., & Saski, C. A. (2023). Phylogenetic and Functional Analysis of Tiller Angle Control (TAC1) Homeologs in Allotetraploid Cotton. *Frontiers in Plant Science*, 14, 1320638. <https://doi.org/10.3389/fpls.2023.1320638>

Kong, X., **Yue, C.** & Lai, Y. Do People Care about Others' Benefits from Public Goods? An Investigation Based on Inequity Aversion Model. *Group Decis Negot* (2023). <https://doi.org/10.1007/s10726-023-09854-w>



**Steede, G. M.**, & Kamat, S. S. (2023). Minnesota State Parks and Trails' use of Facebook to Communicate Health and Safety Information During the COVID-19 Pandemic. *Journal of Applied Communications*, 107(4). <https://doi.org/10.4148/1051-0834.2509>

Tegtmeier, R., Cobb-Smith, D., **Zhong, GY.** *et al.* Identification and marker development of a moderate-effect fire blight resistance QTL in *M. sieversii*, the primary progenitor of domesticated apples. *Tree Genetics & Genomes* 19, 50 (2023). <https://doi.org/10.1007/s11295-023-01626-6>

Vaughn, I., Silva, A., Johns, C., Nelson, L., & **Worthington, M.** (2023). Validation of a Diagnostic Marker for Primocane-Fruiting in Blackberry. *Discovery, The Student Journal of Dale Bumpers College of Agricultural, Food and Life Sciences*, 24(1). Retrieved from <https://scholarworks.uark.edu/discoverymag/vol24/iss1/13>

Zhao, D., Mejia-Guerra, K. M., Mollinari, M., Samac, D., Irish, B., Heller-Uszynska, K., Beil, C. T. and **Sheehan, M. J.** (2023) "A public mid-density genotyping platform for alfalfa (*Medicago sativa* L.)", *Genetic Resources*, 4(8), pp. 55–63. doi: 10.46265/genresj.EMOR6509.

**New to VG3? Click here to submit a profile for the website**

Note: Due to privacy policies at the University of Minnesota, we are no longer able to publish student profiles on our website. Thank you for your understanding about this policy change!

## Call for website contributions!

Do you have a research update to share? Some cool photos to show off? A student looking to add a byline to their CV? Email Kate Fessler at [VitisGen3@umn.edu](mailto:VitisGen3@umn.edu) or [fessl023@umn.edu](mailto:fessl023@umn.edu)



[VitisGen Twitter](#)



[VitisGen3 Website](#)



[Email](#)



[VitisGen3 Instagram](#)

Copyright © 2023 VitisGen3, All rights reserved.

**Our email address is:**

[vitisgen3@umn.edu](mailto:vitisgen3@umn.edu)