

PUBLICATIONS:

- Alomran, M.M., S.L. Lupien and F.M. Dugan. 2013. Mycobiota of *Lupinus albus* seeds from a public germplasm collection. *North American Fungi* 8(4):1-15.
- Al Rwahnih, M., A. Rowhani, D.A. Golino, C.M. Islas, J.E. Preece and M. R. Sudarshana. 2015. Detection and genetic diversity of Grapevine red blotch-associated virus isolates in table grape accessions in the National Clonal Germplasm Repository in California, *Canadian Journal of Plant Pathology*, DOI: 10.1080/07060661.2014.999705
- Aradhya, M., J. Preece, and D. Kluepfel. 2015. Genetic conservation, characterization and utilization of wild relatives of fruit and nut crops at the USDA Germplasm Repository in Davis, California. *Acta Hort.* 1074: 95-104.
- Bassil, N., T. Davis, Amaya, Iraida, Bellon, Luca (19 additional authors). 2014. First evaluation of the IStraw90 axiom array in the cultivated strawberry [ABSTRACT]. *Genomics of the Rosaceae*.
- Bassil, N., T. Davis, Amaya, Iraida, Bellon, Luca (22 additional authors). 2014. First evaluation of the IStraw90 axiom array in the cultivated strawberry (*Fragaria x ananassa*). [ABSTRACT]. *Plant and Animal Genome Conference*.
- Bassil, N., T. Davis, H. Zhang, S. Ficklin (24 additional authors). 2014. Development and preliminary evaluation of a 90K Axiom array for the allo-octoploid cultivated strawberry *Fragaria x ananassa*. *Biomed Central (BMC) Genomics*.
- Bassil, N., A. Nyberg, Y.K.Kim, and J. Postman. 2014. Improved microsatellite markers for quince (*Cydonia oblonga*) genetic analysis [ABSTRACT]. *Acta Horticulturae*.
- Beaulieu, J. C., S. W. Lloyd, J. E. Preece, J. W. Moersfelder, R. E. Stein-Chisholm, and J. M. Obando-Ulloa. 2015. Physicochemical properties and aroma volatile profiles in a diverse collection of California-grown pomegranate (*Punica granatum* L.) germplasm. *Food Chemistry* 181: 354-364.
- Berg, J.E., P. Hofer, E. S. Davis, R. N. Stougaard, K. D. Kephart, P. F. Lamb, D. M. Wichman, J. L. Eckhoff, J. H. Miller, D. L. Nash, W. E. Grey, Y. Jin, X. Chen and P. L. Bruckner. 2014. Registration of 'SY Clearstone 2CL' Wheat. *Journal of Plant Registrations* 2014 8: 2: 162-164.
- Berg, J.E., P. F. Lamb, J. H. Miller, D. M. Wichman, R. N. Stougaard, J. L. Eckhoff, K. D. Kephart, D. L. Nash, W. E. Grey, D. Gettel, R. Larson, Y. Jin, J. A. Kolmer, X. Chen, G. Bai and P. L. Bruckner. 2014. Registration of 'Warhorse' Wheat. *Journal of Plant Registrations*. 8: 2:173-176.
- Berg, J.E., D. M. Wichman, K. D. Kephart, J. L. Eckhoff, R. N. Stougaard, P. F. Lamb, J. H. Miller, D. L. Nash, W. E. Grey, M. Johnston, D. Gettel, R. Larson, Y. Jin, X. Chen and P. L. Bruckner. 2014. Registration of 'WB3768' Wheat. *Journal of Plant Registrations*. 8:288-290.
- Berg, J.E., D. M. Wichman, K. D. Kephart, J. L. Eckhoff, R. N. Stougaard, P. F. Lamb, J. H. Miller, D. L. Nash, W. E. Grey, M. Johnston, D. Gettel, R. Larson, Y. Jin, J. A. Kolmer, X. Chen, G. Bai and P. L. Bruckner. 2014. Registration of 'Colter' Wheat *Journal of Plant Registrations*. 8: 3: 285-287.
- Blake, J.K., R. N. Stougaard, B. Bohannon, D. K. Weaver, H.-Y. Heo, P. F. Lamb, D. Nash, D. M. Wichman, K. D. Kephart, J. H. Miller, G. V. P. Reddy, J. L. Eckhoff, W. E. Grey, S. P. Lanning, J. D. Sherman and L. E. Talbert. 2014. Registration of 'Egan' Wheat with Resistance to Orange Wheat Blossom Midge. *Journal of Plant Registrations*. 8: 298-302
- Bradish, C., G. Fernandez, M. Dossett, J. Bushakra, N. Bassil, N., and C. Finn. 2014. Genotyping and phenotyping heat tolerance in black raspberry (*Rubus occidentalis* L.) *Acta Horticulturae*.
- Bradish, C., E. Overbaugh, J. Ballington, G. Fernandez, and N. Bassil. 2014. Comparative diversity analysis of southeastern *Rubus* germplasm through molecular and pedigree techniques. *Acta Hort*

- Bryant, D., J. Bushakra, M. Dossett, K. Vining, S. Filichkin, G. Weiland, J. Lee, C. Finn, N. Bassil, and T. Mockler. [ABSTRACT] 2014. Building the genomic infrastructure in black raspberry. American Society of Horticulture Science Meeting.
- Bushakra, J., N. Bassil, C. Bradish, (8 additional authors). 2014. Toward understanding genotype x environment interactions in black raspberry (*Rubus occidentalis* L.) *Acta Horticulturae*.
- Bushakra, J., C. Bradish, C. Weber, J. Scheerens, M. Dossett, M. Peterson, G. Fernandez, J. Lee, N. Bassil, and C. Finn. 2014. Toward understanding genotype x environment interactions in black raspberry (*Rubus occidentalis*) [ABSTRACT]. 2014. Proc. American Soc. of Horticultural Sciences.
- Bushakra, J., D. Bryant, M. Dossett, B. Gilmore, S. Filichkin, G. Weiland, M. Peterson, C. Bradish, G. Fernandez, K. Lewers, J. Graham, J. Lee, T. Mockler, N. Bassil and C. Finn. [ABSTRACT] 2014. Black raspberry genetic and genomic resources development. Plant Biology Annual Meeting.
- Bushakra, J., D. Bryant, K. Vining, M. Dossett, T. Mockler, J. Lee, C. Finn, and N. Bassil. 2014. A linkage map for black raspberry (*Rubus occidentalis*) [ABSTRACT] *Genomics of the Rosaceae*.
- Chen, G., L. Ren, J. Zhang, B. Reed, D. Zhang, and X. Shen. 2014. Cryopreservation affects ROS-induced oxidative stress and antioxidant response in *Arabidopsis* seedlings. *Cryobiology*.
- Chen, G., F. Dugan, and R.J. McGee. 2014. First report of dodder (*Cuscuta pentagona*) on chickpea (*Cicer arietinum*) in the United States. *Plant Disease* 98: 165.
- Cheng P., W. Holdworth, Y. Ma, C.J. Coyne, M. Mazourek, M.A. Grusak, S. Fuchs and R.J. McGee. 2015. Association mapping for agronomic and quality traits in USDA Pea Single-Plant collection. *Molecular Breeding* 35(2):75. DOI 10.1007/s11032-015-0277-6
- Chitwood, D.H., A.M. Ranjan, C.C. Martinez, L.R. Headland, T. Thiem, R. Kumar, M.F. Covington, T. Hatcher, D.T. Naylor, S. Zimmerman, N. Downs, N. Raymundo, E.S. Buckler, J.N. Maloof, M. Aradhya, B. Prins, L. Li, S. Myles, and N.R. Sinha. 2014. A modern ampelography: A genetic basis for leaf shape and venation patterning in grape. *Plant Physiol.*, 164: 259-272.
- Colburn, B.C., S.A. Mehelnbacher, V.R. Sathuvalli and D.C. Smith. 2015. Novel sources of eastern filbert blight resistance in hazelnut accessions 'Culpla', 'Crvenje' and OSU 495.072. *J. Amer. Soc. Hort. Sci.* 139:191-200.
- Coyne, C.J., M.-L. Pilet –Nayel, R. J. McGee, L.D. Porter, P. Smykal, N.J. Grünwald. 2015. Identification of QTL controlling high levels of partial resistance to *Fusarium solani* f. sp. *pisii* in pea. *Plant Breeding* (accepted May 11, 2015).
- Coyne, C.J., L. Charlo, and R.J. McGee. 2014. Grain legume genetic resources for allele mining, ASA-CSSA-SSSA Annual Meeting, June 5, 2014 (Abstract).
- Craine, J. 2014. A broad comparison of the drought tolerance in 1,300 species of grasses. Kansas State University (NSF and NASA grant).
- Crisosto, C., J. Preece, G. Crisosto, and H. Chan. 2014. Evaluation of antioxidant activity, sugar composition, and flow packaging potential for California dried and fresh figs. Proc. California Fig Institute Research 2013-2014 Fiscal Year. Tab 1: 1-13.
- Dugan, F. 2015. *Shadows of Works and Days: A revised history of cereals, legumes, and their pathogens from Neolithic through pre-modern Europe*, in: *Hidden Histories and Ancient Mysteries of Witches, Plants, and Fungi*. APS Press, St. Paul, MN.
- Dugan, F. 2013. *Golovinomyces spadiceus* causing powdery mildew on *Coreopsis* hybrid 'Full Moon' (Heliantheae, Asteraceae) in Washington State. *North American Fungi* 8(1): 1-3.

- Dugan, F.M., S.L. Lupien, A.N. Osuagwu, E.A. Uyoh, E. Okpako and T. Kisha. 2015 New records of *Lasiodiplodia theobromae* in seeds of *Tetrapleura tetraptera* from Nigeria and fruit of *Cocos nucifera* from Mexico. *Journal of Phytopathology*. In press.
- Dugan, F., M. Cashman, X. Chen, R. Johnson and M. Wang. 2014. Differential resistance to stripe rust (*Puccinia striiformis*) in collections of Basin wild rye (*Leymus cinereus*). *Plant Health Progress* 15 (2):97-102.
- Evans, K.M., F. Fernández- Fernández, N. Bassil, A. Nyberg and J.Postman. [ABSTRACT] 2014. Comparison of accessions from the UK and US national pear germplasm collections with a standardized set of microsatellite markers. *Acta Horticulturae*.
- Gill, U.S., S.R. Uppalapati, J. Nakashima, and K.S. Mysore. 2015. Characterization of *Brachypodium distachyon* as a nonhost model against switchgrass rust pathogen *Puccinia emaculata*. *BMC Plant Biol.* 2015 May 8; 15:113. (Plant Biology Division, Samuel Roberts Noble Foundation, Ardmore, OK.
- Glasic, K. and J.E. Preece (Eds.) 2014. Register of new fruit and nut cultivars List 47. *HortScience* 49:396-421.
- Govindarajulu, R., M. Parks, J.A. Tennesen, A. Liston, and T.-L. Ashman. 2015. Comparison of nuclear, plastid and mitochondrial phylogenies and the origin of wild octoploid strawberry species. *American Journal of Botany* 102:544-554.
- Goyer, A., and K. Sweek. 2011. Genetic diversity of thiamine and folate in primitive cultivated and wild potato (*Solanum*) species. *Journal of Agricultural and Food Chemistry* 59:13072-13080.
- Goyer, A., and J. Bamberg. 2012. Genetic diversity of thiamine and folate in primitive cultivated and wild potato (*Solanum*) species. Annual Meeting of the Potato Association of America. Denver, CO, August 2012.
- Grahn, C., C. Benedict, C.A. Miles, B. Hellier. 2014. Screening the USDA lettuce germplasm collection for rapid germination rate under cold conditions. *HortScience* 49(9):S242. (Abstr.)
- Grahn, C., B. Hellier, C. Benedict, and C. Miles. 2015. Screening USDA Lettuce (*Lactuca sativa*) germplasm for ability to germinate under cold conditions. *HortScience* (in press).
- Hand, C., S. Maki, and B. Reed. 2014. Modeling optimal mineral nutrition for hazelnut micro propagation. *Plant Cell Tissue and Organ Culture*.
- Hand, C., and B. Reed. 2014. Minor nutrients are critical for the improved growth of *Corylus avellana* shoot cultures. *Plant Cell Tissue and Organ Culture*.
- Hassankhah, A., K. Vahdati, M. Lotfi, M. Mirmasoumi, J. Preece, M.H. Assareh. 2014. Effects of ventilation and sucrose concentrations on the growth and plantlet anatomy of micropropagated Persian walnut plants. *International Journal of Horticultural Science and Technology*, 1:111- 120.
- Hummer, K. 2014. In the footsteps of Vavilov: plant diversity then and now. American Society of Horticulture Science Meeting.
- Hummer, K. 2014. List 47: currants. *HortScience*.
- Hummer, K. 2014. The naming of the Cascade strawberry. *Kalmiopsis*.
- Hummer, K., N. Bassil, A. Rodriguez, and J. Olmstead. 2014. *Vaccinium* species ploidy assessment. *Acta Horticulturae*.
- Hummer, K., and R. Bors. 2014. List 47: blue honeysuckle. *HortScience*.
- Hummer, K., H. Dempewolf, P. Bramel, R. Markham, and E. Stover. 2014. Status of global strategies for horticultural fruit crops. *Acta Horticulturae*.

- Hummer, K., and J. Hancock. [ABSTRACT]. 2014. Vavilovian centers of diversity; implications and impacts. HortScience.
- Hummer, K.E., J.D. Postman and J.E. Preece. 2014. Managing nut genetic resources under disease threat. Acta Horticulturae 1070:193-200.
- Hummer, K., G.M. Volk, and J.E. Preece. 2015. Relationship between Humanity and Natural Resources – In the Context of Food and Agriculture. In: Nath P. (ed.) The Basics of Human Civilization-Food, Agriculture and Humanity; Vol. IV: Humanity. P.N. Agricultural Science Foundation, Bangalore, India (Accepted for publication on March 17, 2015).
- Iezzoni, A., C. Peace, N. Bassil, (8 additional authors). 2014. Where are we now as we merge genomics into plant breeding and what are our limitations? Experiences from RosBREED. Acta Horticulturae.
- Ives, C., V.R. Sathuvalli, B.C. Colburn, and S.A. Mehlenbacher. 2014. Mapping the incompatibility and style color loci in two hazelnut progenies. HortScience 49:250-253.
- Jenderek, M., J. Tanner, B. Ambruzs, J. Postman, M. West, and K. Hummer. 2014. Testing for suitable harvest time for effective cryopreservation of blueberry dormant buds. Cryobiology.
- Jenderek, M., J. Tanner, J. Postman, and K. Hummer. [ABSTRACT] 2014. Seasonal variation in viability of cryopreserved Vaccinium dormant buds. Meeting Abstract.
- Jensen, K.B., J.G. Robins, B.S. Bushman, D.A. Johnson, S.D. Stratton, and K. Heaton. 2014. UTDG-101, a late maturing orchardgrass germplasm with increased winter hardiness and forage quality. Forage and Range Research, Logan, Utah. Journal of Plant Registrations 09/2014; 8(3):318.
- Keremane, M.L., C. Ramadugu, E. Rodriguez, R. Kubota, S. Shibata, D.G. Hall, M.L. Roose, D. Jenkins and R.F. Lee. 2015. A rapid field detection system for citrus huanglongbing associated 'Candidatus Liberibacter asiaticus' from the psyllid vector, Diaphorina citri Kuwayama and its implications in disease management. Crop Protection 68:41-48. doi:10.1016/j.cropro.2014.10.026
- Kluepfel, D., F. Browne, M. McKenry, J. Hasey, C. Leslie, M. Aradhya, W. Hackett, J. Preece, R. Bostock, and S. Seybold. 2014. Development of disease-resistant walnut rootstocks: integration of conventional and genomic approaches. Walnut Research Reports 2012. California Walnut Board. pp. 77-87.
- Kluepfel, D., G. Browne, M. Aradhya, C. Leslie, J. Hasey, M. McKenry, W. Hackett, R. Bostock, S. Seybold, J. Dvorak, S. Scharbaum, M. Coggeshall, A. Dandekar, D. Neale, K. Klonsky, J. Preece, and K. Baumgartner 2015. Development of disease-resistant walnut rootstocks: integration of conventional and genomic approaches (SCRI-match Year 2). Walnut Research Reports 2014. California Walnut Board. pp. 85-90.
- Kluepfel, D. A., A.E. McClean, M.K. Aradhya, and J.W. Moersfelder. 2015. Identification of walnut genotypes resistant to crown gall. Acta Horticulturae 1074: 87-94.
- Landry E., C.J. Coyne, and J. Hu. 2015. Agronomic performance of spring planted faba bean (*Vicia faba* L.) in southeastern Washington. Agronomy Journal 107: 574-578
- Landry E.J., J.E. Lafferty, C.J. Coyne, W.L. Pan and J. Hu. 2015. Registration of four winter-hardy faba bean germplasm lines for use in winter pulse and cover crop development. Journal of Plant Registrations (accepted June 9, 2015)
- Lawrence, D.P., P. B. Gannibal, F.M. Dugan, and B.M. Pryor. 2014. Characterization of *Alternaria* isolates from the infectoria species-group and a new taxon from *Arrhenatherum*, *Pseudoalternaria arrhenatheria* sp. nov. Mycological Progress 13: 257–276.
- Lee, R.F. and M.L. Keremane, 2013. Mild strain cross protection of tristeza: a review of research to protect against decline on sour orange in Florida. Front. Microbiol. 4:259. doi: 10.3389/fmicb.2013.00259

- Lu, H., J. Hu, and S.J. Kwon. 2014. Association analysis of bacterial leaf spot resistance and SNP markers derived from expressed sequence tags (ESTs) in lettuce (*Lactuca sativa* L.). *Molecular Breeding*. 34:997–1006.
- Luo, M.C., F.M. You, P. Li, J.R. Wang, T. Zhu, A.M. Dandekar, C.A. Leslie, M.K. Aradhya, P.E. McGuire, and J. Dvorak. 2015. Synteny analysis in Rosids with a walnut physical map reveals slow genome evolution in long-lived woody perennials. (Submitted to *BMC Genomics*)
- Mehlenbacher, S.A. 2014. Geographic distribution of incompatibility alleles in cultivars and selections of European hazelnut. *J. Amer. Soc. Hort. Sci.* 139:191-212.
- Miller, W.B., J.A. Adkins, and J.E. Preece. 2014. Propagating Selected Flower Bulb Species. pp. 349-358 In: Beyl, C.A. and R.N. Trigiano (eds.) *Plant Propagation Concepts and Laboratory Exercises*. 2nd Ed. CRC Press. Boca Raton, FL.
- Navarre, R., M. Thornton, A. Goyer, and H. Hellman. 2014. Consumer-oriented potatoes: Developing Tri-State varieties with superior appearance and nutritional value. In: *Progress Reports for the Northwest Potato Research Consortium*.
- Pearl, S., and J. Burke. 2014. Genetic diversity in *Carthamus tinctorius* (Asteraceae; safflower), an underutilized oilseed crop. *Am J Bot.* 2014 Oct; 101(10):1640-50. (University of Georgia).
- Poothong, S., and B. Reed. 2014. Optimization of CaCl₂, MgSO₄ and KH₂PO₄ to improve the growth of micro propagated red raspberries. *Scientia Horticulturae*.
- Poothong, S., and B. Reed. 2014. The optimization of nitrogen salts for micro propagated red raspberry germplasm. *Scientia Horticulturae*.
- Postman, J., N. Bassil, and R. Bell. [ABSTRACT] 2014. Ploidy of USDA (United States Department of Agriculture) world pear germplasm collection determined by flow cytometry. *Acta Horticulturae*.
- Preece, J.E., H. Garrison, M. Aradhya, L. Ferguson, C. Crisosto, and M. Norton. 2014. 2014 update on the field evaluation of new and underutilized fig cultivars for fresh and dried markets. *Proc. California Fig Institute Research 2013-2014 Fiscal Year*. Tab 5: 1-6
- Preece, J.E. and Carolyn DeBuse. 2014. Propagation of almond rootstocks and trees. *California Almond Production manual*. Submitted April 25, 2014.
- Preece, J.E. and G. McGranahan. 2015. Luther Burbank's contributions to walnuts. *HortScience*. 50:201-204 (Invited paper)
- Ramadugu, C., B.E. Pfeil, M.L. Keremane, R.F. Lee, I.J. Maureira-Butler, and M.L. Roose. 2013. A Six Nuclear Gene Phylogeny of Citrus (Rutaceae) Taking into Account Hybridization and Lineage Sorting. *PLOS One* 8(7): e68410.
- Razi, M.F., M.L. Keremane, C. Ramadugu, M. Roose, I.A. Khan and R.F. Lee. Detection of Citrus huanglongbing associated 'Candidatus Liberibacter asiaticus' in Citrus and *Diaphorina citri* in Pakistan, seasonal variability and implications on disease management. *Phytopathology* 104: 257-268.
- Reed, B., and J. DeNoma. 2014. Medium-term in vitro storage as a complementary germplasm preservation technique. *Acta Horticulturae*.
- Reed, B., J. DeNoma, S. Wada, and R. Niedz. 2014. Determining optimum in vitro mineral nutrition for diverse pear germplasm using response surface methodology. *Acta Horticulturae*.
- Reed, B., S. Wada, S. Poothong, C. Hand, I. Hovalchuk, I., and R. Niedz. 2014. Improving in vitro mineral nutrition for diverse germplasm. [ABSTRACT] 2014. *Plant Biotechnology Symposium Proceedings*.
- Ren, L., G. Chen, J. Zhang, B. Reed, X. Shen, and D. Zhang. 2014. Effect of ROS-induced oxidative stress and apoptosis on the viability of cryopreserved embryogenic callus in *Agapanthus*. *Plant Science*.

- Roos, M., F. Gmitter, R. Lee, and K. Hummer. [ABSTRACT] 2014. Conservation of citrus germplasm – an international survey. *Acta Horticulturae*.
- Rowland, L., E. Ogden, N. Bassil, E. Buck, and S. McCallum. 2014. Construction of a genetic linkage map of an interspecific diploid blueberry population and identification of QTL for chilling requirement and cold hardiness. *Molecular Breeding*.
- Salinas, N., J. Hancock, K. Gunduz, B. Denoyes, E. Van De Weg, D. Sargent, I. Amaya, M. Mathay, A. Iezzoni, C. Peace, C. Finn, and N. Bassil. [ABSTRACT] 2014. Validating microsatellite markers linked to soluble solids content in octoploid strawberry. *HortScience*.
- Salinas, N., D. Kim, J. Hancock, K. Gunduz, B. Denoyes, J. Perrotte, M. Mathey, S. Mookerjee, E. Van De Weg, D. Sargent, I. Amaya, A. Iezzoni, C. Peace, C. Finn, and N. Bassil. [ABSTRACT]. 2014. Validating microsatellite markers linked to remontancy in octoploid strawberry. *Proceedings American Society of Horticultural Sciences*.
- Salinas, N., D. Sargent, E. Van De Weg, J. Hancock, K. Vining, B. Rauh, K. Gasic, A. Iezzoni, C. Peace, C. Finn, and N. Bassil. [ABSTRACT] 2014. Evaluation of genotyping by sequencing in octoploid strawberry. *HortScience*.
- Schaefer, K., A. Nyberg, J. Postman, and N. Bassil. [ABSTRACT] 2014. Genetic diversity of medlar (*Mespilus germanica*) germplasm using microsatellite markers. *Acta Horticulturae*.
- Schlösser, A.J., J.M. Martin, B.S. Beecher, and M.J. Giroux. 2014. Enhanced rice growth is conferred by increased leaf ADP-glucose pyrophosphorylase activity. *J Plant Physiology and Pathology* 2:4.
- Shen, W., S.E. Halbert, E. Dickstein, M.L. Keremane, M.M. Shimwela, A.H.C. van Bruggen, 2013. Occurrence and in-grove distribution of citrus Huanglongbing in north central Florida. *Journal of Plant Pathology* 95(2):359-369.
- Shuang Jiang, Y. Zong, X. Yue, J. Postman, Y. Teng and D. Cai. 2014. Prediction of retrotransposons and assessment of genetic variability based on developed retrotransposon-based insertion polymorphism (RBIP) markers in *Pyrus L.* *Mol. Genet. Genomics*
- Smýkal P., C.J. Coyne, M.J. Ambrose, N. Maxted, H. Schaefer, M.W. Blair, J. Berger, S.L. Greene, M.N. Nelson, N. Besharat, T. Vymyslický, C. Toker, R.K. Saxena, M. Roorkiwal, M.K. Pandey, J. Hu, Y.H. Li, L.X. Wang, Y. Guo, L.J. Qiu, R.J. Redden, R.K. Varshney. 2015. Legume crops phylogeny and genetic diversity for science and breeding. *Critical Rev. Plant Sciences* 34:43-104.
- Tennessen, J. A., R. Govindarajulu, T.-L. Ashman, and A. Liston. 2014. Evolutionary origins and dynamics of octoploid strawberry subgenomes revealed by dense targeted capture linkage maps. *Genome Biology and Evolution* 6:3295-3313.
- Volk, G., C. Chao, and K. Hummer. [ABSTRACT] 2014. A global conservation strategy for apple. Meeting Abstract.
- Volk, G., K. Hummer, and P. Bramel. [ABSTRACT] 2014. Development of a strategy to conserve worldwide apple genetic resources. Meeting Abstract.
- Wada, S., S. Maki, R. Niedz, and B. Reed. 2014. Screening genetically diverse pear species for in vitro CaCl₂, MgSO₄ and KH₂PO₄ requirements. *Acta Physiologiae Plantarum*.
- Wada, S., R. Niedz, and B. Reed. 2014. Determining nitrate and ammonium requirements for optimal in vitro response of diverse pear species. *In Vitro Cellular and Developmental Biology – Plants*.
- Warkentin T., P. Smykal, C. Coyne, N. Weeden, C. Domoney, D. Bing, T. Leonforte, X. Zong, G. Dixit, L. Boros, K. McPhee, R. McGee, J. Burstin, N. Ellis. 2015. Pea (*Pisum sativum L.*). IN: A. De Ron (editor) *Grain Legumes, Series Handbook of Plant Breeding*. Springer Science and Business Media, New York (in press).
- Watkins, E. 2015. Determining the genetic potential of native prairie junegrass germplasm for use as low-input turfgrass, University of Minnesota. <http://usgatero.msu.edu/v14/n3-36.pdf>

Wimer, J.A., C.A., Miles, and D.A. Inglis. 2014. Evaluation of watermelon rootstocks for resistance to Verticillium wilt in northwestern Washington. HortScience 49(9):S195. (Abstr.)

Wimer, J.A., C.A., Miles, and D.A. Inglis. 2014. Evaluation of watermelon rootstocks for resistance to Verticillium wilt in northwestern Washington. ISHS International Symposium on Vegetable Grafting, Wuhan, China, p. 59. (Abstr.)

Yang, Y., J.A. Labate, Z. Liang, P. Cousins, B. Prins, J.E. Preece, and G.Y. Zhong. 2014. Multiple loss-of-function 5-O-glucosyltransferase alleles revealed in *Vitis vinifera*, but not in other *Vitis* species. Theoretical and Applied Genetics, 127(11), 2433-2451.

Yu, L-X, X. Shen, and T.L. Setter. 2014. Molecular and functional characterization of two drought-induce zinc finger proteins, ZmZnR1 and ZmZnF2 from maize kernels. Environmental and Experimental Botany 111 (2014) 13-20.

Zhang, J.L., J.L. Chen, B.C. Bowman, K. O'Brien, J.M. Marshall, and J.M. Bonman. 2014. Association mapping of Hagberg falling number in hard white spring wheat. Crop Science. 54: 1243-1252.

Zhang, T., L-X Yu, P. McCord, D. Miller, S. Bhamidimarri, D. Johnson, M.J. Monteros, J. Ho, P. Reisen, and D.A. Samac. 2014. Identification of molecular markers associated with Verticillium wilt resistance in alfalfa (*Medicago sativa* L.) using high-resolution melting. PLoS ONE 9(12): e115953.

Zheng, X., D. Cai, D. Potter, J. Postman, J. Liu, and Y. Teng. 2014. Phylogeny and evolutionary histories of *Pyrus* L. revealed by phylogenetic trees and networks based on data from multiple DNA sequences. Molecular Phylogenetics and Evolution 80: 54-65.