

**University of Maine Cooperative Extension
Scholarship Summary
2017-2018**

Faculty Achievements

Anderson, G. Governor appointee to Maine Animal Welfare Advisory Council.

Anderson, G. Maine Agriculture Marketing Loan Fund committee member.

Anderson, G. Dairy Improvement Fund Eligibility Committee, Dept of Agriculture, Conservation and Forestry.

Coffin, D. National Finalist – NACAA Communications Awards - Computer Generated Graphics Presentation with Script for “Using Pechakucha Format for County Executive Committee Presentation.” 2017.

Forstadt, L. National Extension Association of Family and Consumer Sciences, 1st place state –Maine Extension Association of Family and Consumer Sciences, 1st place Eastern Region – National Extension Association of Family and Consumer Sciences. Growing Maine: Category – Video. 2017.

Jackson, T. Distinguished Service Award, National Association of Agricultural Agents. 2018.

Kersbergen, R. Nominated by peers for the 2017-2018 Excellence in Faculty Mentoring Award by the Rising Tide Center. 2017.

Kersbergen, K. Selected as Keynote Speaker for 2017 Vermont Organic Dairy Conference in March 2017, Randolph, Vt. 2017.

Mallory, E. UMaine Today's feature article and video for Fall/Winter 2017. “Field days – Maine's successful grain movement is powered by farmers, products and research.”

<https://umainetoday.umaine.edu/stories/2017/field-days/> 2017.

McConnon, J. Appointed to a three-year term on the Technical Advisory Committee for the Northeast Regional Center for Rural Development. Current Co-Chair of the Technical Advisory Committee. 2018.

Peronto, M. National Association of County Agriculture Agents 2017 National Finalist, Search for Excellence in Consumer Horticulture Award, 2017 “A Planned Approach to Tackling Food Insecurity in Hancock County, Maine”. 2017.

<https://www.nacaa.com/ampic/2017/2017%20Proceedings%20LR.pdf> (p.108)

Peronto, M. Maine Writers and Publishers Alliance. Finalist, Excellence in Publishing Award, Maine Literary Awards 2017, The Life in Your Garden (Manley, R.M and M.L. Peronto. 2017. Tilbury House Press). 2017.

Savoie, K. Faculty Program Leadership Award, Program Advisory Committee, Extension Leadership Team, UMaine Extension. 2018.

Savoie, K., NIFA, USDA, Certificate of Appreciation for Exemplary Leadership, Master Family and Consumer Sciences Volunteer Program (2017). National Extension Association of Family and Consumer Sciences (NEAFCS), 1st Place National Winner, Master Family and Consumer Volunteer Award. 2017.

Ouellette, K. Selected by National 4-H Headquarters USDA/NIFA to represent the Northeast region as a member of the chartered group - National 4-H Teaching Models Taskforce, 2017-18 co-Chair.

Ouellette, K. Selected by National 4-H Headquarters USDA/NIFA to participate as a contributing author on cultural competency. National 4-H/NASA, Contributing Author Expeditionary Skills For Life Curriculum. Part of a national partnership between National 4-H Headquarters USDA/NIFA and NASA. 2017.

Research and Scholarship

- Sharma, L., **Bali, S., Dwyer, J.**, Plant, A., and A. Bhowmik. A case study of improving yield prediction and sulfur deficiency detection using optical sensors under variable climatic conditions in dryland potato cultivation in Maine. *Sensors*, 17(5): 1095. doi: 10.3390/s17051095. 2017.
- Sharma, L., **Bali, S., Dwyer, J.** 2017. Improving nitrogen and phosphorus efficiency for optimal plant growth and yield. Book Title: Vegetation. 2017.
- Coffin, D.**, Causey, R., Staniar, B., Williams, C., McKeever, K., Gradil, C., Nadeau, J, Sanchez, A., **Lichtenwalner, A.**, Biddle, A., Cole, K., Assessing Research and Education Needs to Improve Equine Gastrointestinal Health, 2017, NACAA Journal vol10, iss.1 <http://www.nacaa.com/journal/index.php?jid=708>
- Hanes, S., K. Collum, A. Hoshide and **F. Drummond**. 2017. Assessing Wild Pollinators in Conventional Agriculture: A Case Study from Maine, USA's Blueberry Industry. *Human Ecology Review* 24(1). *In Press*
- Yarborough, D., F. Drummond, S. Annis,** and J. Cote. 2017. Maine wild blueberry systems analysis. *Acta Hort. In Press*
- Aumann, H., B. Payal, N.W. Emanetoglu, and F. Drummond. 2017. An index for assessing the foraging activities of honeybees with a Doppler sensor. *Sensor Tech. In Press*
- Rivernider, R., Venturini, E., and **F. Drummond**. 2017. Timothy grass, a pollen forage for bumble bees. *J. Kansas Entomol. Soc. In Press*
- Dibble, A.C., F.A. Drummond, C. Stubbs, J. Ascher, and M. Veit. 2017. Bees of Maine with a state species checklist. *Northeastern Naturalist. In Press*
- Drummond, F.A.**, A.C. Dibble, C. Stubbs, S. Bushmann, J. Ascher, and J. Ryan. 2017. A Natural History of Change in Native Bees Associated with Lowbush Blueberry in Maine. *Northeastern Naturalist. In Press*
- Dibble, A.C., A.L. Averill, K. Bickerman-Martens, S.C. Bosworth, S. Bushmann, F.A. Drummond, J. Fowler, A.K. Hoshide, M.E. Leach, L.L., K. Skyrn, E. Venturini, and A. White. 2017. Bee habitat in Northern New England. *MAFES Tech. Bull. In Press*.
- Venturini, E.M. and **F.A. Drummond**. 2017. Native *Andrena* response to burning in the wild blueberry agroecosystem. *J. Kan. Entomol. Soc. In Press*.
- Ballman, E. S., J. A. Collins, and **F.A. Drummond**. 2017. Predation on *Drosophila suzukii* (Diptera: Drosophilidae) pupae in Maine wild blueberry fields. *J. Econ. Ent. In Press*.
- Ballman, E. S., and **F.A. Drummond**. 2017. Infestation of Wild Fruit by *Drosophila suzukii* Surrounding Maine Wild Blueberry Fields. *J. Agric. and Urban Entomology. In Press*.
- Venturini, E. M., **F. A. Drummond**, and A. K. Hoshide. 2017. Pollination Reservoir Establishment Using Organic Methods in Lowbush Blueberry (Ericales: Ericaceae). *J. Hort. and Forestry. In Press*.
- Qu, H. and F.A. Drummond. 2018. Simulation-based Modeling of Wild Blueberry Pollination. *Environ. Model. & Software. In Press*.
- Al-Najarr, G., **F.A. Drummond**, and E. Groden. 2018. Laboratory and Field Susceptibility of *Drosophila suzukii* Matsumura (Diptera: Drosophilidae) to Entomopathogenic Fungal Mycoses. *J. Agric. and Urban Entomology. In Press*.
- Bickerman-Martens, K., B. Swartz, R. Butler, and F. Drummond. 2017. Documenting diversity of Maine bumble bees: The Maine Bumble Bee Atlas and citizen scientists. *Maine Policy Review* 26 (2): 42-49.
- Asare, E., A.K. Hoshide, **F.A. Drummond**, X. Chen, and G.K. Criner. 2017. Economic risk of bee pollination in Maine wild blueberry, *Vaccinium angustifolium* Aiton. *J. Econ. Entomol.* Doi: 10.1093/jee/tox191: 1-13.
- Bajcz, A., D. Hiebeler and **F.A. Drummond**. 2017. Grid-Set-Match, an agent-based simulation model, predicts fruit set for the Maine lowbush blueberry (*Vaccinium angustifolium*) agroecosystem. *Ecological Modelling* 361: 80-94
- Bajcz, A. W. and **F.A. Drummond**. 2017. Flower power: Floral and resource manipulations reveal the consequences of reproductive effort in lowbush blueberry (*Vaccinium angustifolium*). *Ecology and Evolution*. DOI: 10.1002/ece3.3109: 1-15.
- Bajcz, A. W. and **F.A. Drummond**. 2017. Bearing fruit: Flower removal reveals the trade-offs associated with high reproductive effort for lowbush blueberry. *Oecologia*. DOI 10.1007/s00442-017-

3908-2.

Collins, J.A. and **F. A. Drummond**. 2017. Blueberry Spanworm Control, 2016. Arthropod Management Tests 2017: 1. doi: 10.1093/amt/tsx002.

Drummond, F., E. Ballman, and J. Collins. 2017. Are they weeds or a life force? Or sustainability on the edge. Spire, The Maine Journal of Conservation and Sustainability.
<https://umaine.edu/spire/2017/05/04/drummond-et-al/>

Wu, V.C.H., **F. A. Drummond**, S. Tadepalli, M.E. Camire, K. Davis-Dentici, A. Bushway, and **D.E. Yarborough**. 2017. *Salmonella* spp. dynamics in wild blueberry, *Vaccinium angustifolium* Aiton. World Microbiol. 4(1): 64-71.

Alnajjar, G., J. Collins, and **F.A. Drummond**. 2017. Behavioral and preventative management of *Drosophila suzukii* Matsumura (Diptera: Drosophilidae) in Maine wild blueberry (*Vaccinium angustifolium* Aiton) through attract and kill trapping and insect exclusion-netting. Intl. J. Entomol. Nematol. 3(1): 51-61.

Venturini, E.M., **F.A. Drummond**, A. K. Hoshide, A. C. Dibble, and L. B. Stack. 2017. Pollination reservoirs for wild bee habitat enhancement: a review. J. Agroecology and Sust. Food Syst. 41(2): 101-142.

Venturini, E.M., **F.A. Drummond**, A. K. Hoshide, A. C. Dibble, and L. B. Stack. 2017. Pollination Reservoirs in Maine Lowbush Blueberry. J. Econ. Entomol. 110(2): 333-346.

Du Clos, B. C. Loftin, and **F.A. Drummond**. 2017. BeeMapper tool Quick reference Guide.
<https://umaine.edu/beemapper/wp-content/uploads/sites/353/2017/07/BeeMapper-Quick-Guide-for-Web.pdf>

Drummond, F.A. and J. Collins. 2017. Insects blueberry tip midge. Univ. Maine Coop. Ext. Fact Sheet 208, 3 pp. <https://extension.umaine.edu/blueberries/factsheets/insects/208-spotted-wing-drosophila/>

Drummond, F.A., J. Collins, and E. Ballman. 2017. Spotted Wing Drosophila: Pest Biology and IPM Recommendations for Wild Blueberries. Univ. Maine Coop. Ext. Fact Sheet 210, 6 pp.
<https://extension.umaine.edu/blueberries/factsheets/insects/210-spotted-wing-drosophila/>

Cote, J., **D. E. Yarborough, F.A. Drummond**, and J.A. Collins. 2017. Maine Wild blueberry pesticide chart – 1 of 3. <http://umaine.edu/blueberries/files/2010/05/2013-ME-Wild-BB-Pesticide-Chart-Insecticides.pdf>

Yarborough, D., F.A. Drummond, and J.A. Collins. 2017. Insect control guide for wild blueberries. Univ. Maine Coop. Ext. Fact Sheet No. 209, UMaine Extension No. 2001, 14 pp.

Drummond, F.A. 2017. Lowbush blueberry cultivation in North America: 70 years of research and development. Conference on Non-timber Forest Products and Bioeconomy, Published Abstracts, Rainer Peltola (ed.), p. 12-13.

Cason, K.L., Chipman, H., **Forstadt, L.A.** Rasco, M.R., Sellers, D.M., Stephenson, L., & York, D.A. (2017). Family and Consumer Sciences Focus on the Human Dimension: The Expanded Food and Nutrition Education Program Example. Journal of Family and Consumer Sciences, 109(3).

Lobley, J & Ouellette, K. (2017) Using Video Conferencing for Authentic Online Learning for Volunteers. Journal of Extension [On-line] 55 (5). Retrieved from: <https://www.joe.org/joe/2017october/tt8.php>

Worker, S., **Ouellette, K.**, & Maille, A. (2017) Redefining the Concept of Learning in Cooperative Extension. Journal of Extension [On-line] 55 (3) Retrieved from: <https://www.joe.org/joe/2017june/a3.php>

Jackson, T., *Guiding New Farmers to Their Own Solutions: Strategy for Farmer Consultations*. Journal of NACAA, June 2018.

Jackson, Tori L. 2018. *A Survey of Maine's wild and cultivated elderberries for Tomato Ringspot Virus*. Submitted to the Journal of Extension in February 2018.

Jemison, J.M., Jr., S. Welcomer, **R. Kersbergen**, and C. Majewski. 2018. Word cloud analysis of early adopter no-till farmers. Research in Brief - Journal of Extension (accepted for publication 2/2018).

Roche, E.H., E.B. Mallory, T. Molloy, and **R.J. Kersbergen**. 2017. Evaluating organic bread wheat as a rotation crop for organic dairy farms. Renewable Agriculture and Food Systems 1-16. Available at: (accessed 1/2018).<https://www.cambridge.org/core/journals/renewable-agriculture-and-food->

systems/article/evaluating-organic-bread-wheat-as-a-rotation-crop-for-organic-dairy-farms/B308A62EC5FDBC0531CA4B0F365F9B80.

A.N. Hafla, K.J. Soder, A.F. Brito, **R. Kersbergen**, A.F. Benson, H. Darby, M. Rubano and S. Reis. 2016. Case Study: feeding strategy and pasture quality relative to nutrient requirements of dairy cows in the northeastern U.S. Professional Animal Scientist. Vol 32 Issue 4. Pages 523-530. Available at: (accessed 1/2018) [http://www.professionalanimalscientist.org/article/S1080-7446\(16\)30048-1/abstract](http://www.professionalanimalscientist.org/article/S1080-7446(16)30048-1/abstract)

Abreu, Daniel C., Aaron K. Hoshide, **Ellen B. Mallory**, **Erin H. Roche**, André Soares de Oliveira, **Richard J. Kersbergen**, Rogério P. Lana, Mozart A.Fonseca. 2016. Economic and environmental implications of wheat crop sequences on organic dairy farm simulations. Crop & Pasture Science, Volume 67, Number 11, p. 1127-1138. Available at: (Accessed 1/2018) <http://www.publish.csiro.au/cp/CP15250>

Coffin, D., and **R. Kersbergen**. 2015. More Maine meat. Journal of the NACAA. Vol 8 Issue 1 6/2015 ISSN 2158-9429 Accessed 1/2018 <https://www.nacaa.com/journal/index.php?jid=466>

Jemison, J.M., Jr., **R. Kersbergen**, W. Brinton, and C. Majewski. 2017. Soil quality survey of early-adopter no-till farmers. Journal of Soil and Water Conservation.

Hafla, A.N., K.J. Soder, A.F. Brito, **R. Kersbergen**, A.F. Benson, H. Darby, M.D. Rubano, S.L. Dillard, J. Kraft, and S.F. Reis. Winter supplementation of ground whole flaxseed impacts milk fatty acid composition on organic dairy farms in the northeastern United State. To be submitted to Professional Animal Scientist.

Fitzgerald, C. and **R. Kersbergen**. 2016. Maine Corn Silage Hybrid Performance Trials, 2007 – 2015. (abstract) National Association of County Agricultural Agents Annual Meeting. http://www.nacaa.com/posters/poster_list.php?poster_id=1177 (accessed 1/8/18).

Hafla, A.N., K.J. Soder, A.F. Brito, **R. Kersbergen**, F. Benson, H. Darby, M.D. Rubano, S.L. Dillard, J. Kraft, and S.F. Reis. Winter supplementation of ground whole flaxseed impacts milk fatty acid composition on organic dairy farms in the northeastern United States. Proceedings of the 2017 ADSA meeting, June 25-28, 2017, Pittsburgh, PA. 2017.

Galvão Jr., J.G.B., A. F. Brito, A.H.N. Rangel, J.B.A. Silva, A.F. Benson, H.M. Darby, K.J. Soder, and **R. Kersbergen**. Milk yield and somatic cell score of northeastern United States organic dairy farms during the grazing and non-grazing seasons. Proceedings of the 2017 ADSA meeting, June 25-28, 2017, Pittsburgh, PA. 2017.

Santana, R.A.V., A.F. Brito, V.E. Cabrera, F.A. Barbosa, A.K. Hoshide, A.F. Benson, A.N. Hafla, H.M. Darby, K.J. Soder, and **R. Kersbergen**. Economic and environmental performance of traditional and grass-fed organic dairies using the Integrated Farm System Model. Proceedings of the 2017 ADSA meeting, June 25-28, 2017, Pittsburgh, PA. 2017.

Hafla, A.N., K.J. Soder, A.F. Brito, **R. Kersbergen**, F. Benson, H. Darby, M.D. Rubano, S.L. Dillard, J. Kraft, and S.F. Reis. Winter supplementation of ground whole flaxseed impacts milk fatty acid composition on organic dairy farms in the northeastern United States. Proceedings of the 2017 ASAS meeting, July 5-8, 2017, Baltimore, MD. 2017.

Kersbergen, R. and **J. Jemison**. 2017. Managing no-till Soils. Part 3 in a series called “No-till Tuesday” series from University of Vermont. <http://agriculture.vermont.gov/node/1514>.

Hashemi, M., **R. Kersbergen**, K. Parsons and S. Glaze Corcoran. 2017. Making the Transition to no-till corn cover crop system. UMass Extension Factsheet 17-04. Available at <https://ag.umass.edu/crops-dairy-livestock-equine/fact-sheets/making-transition-to-no-till-corncover-crop-system>,

R. Kersbergen and **Brzozowski, R.** 2017. Farmer Skill and Knowledge Checklist: Safe Tractor and Implement Operation. UMaine Extension Bulletin #1209.

Forstadt, L., Jackson, Tori L., and Sadauckas, A. 2018. *Communicating with Markets: A Producer's Guide*. University of Maine Cooperative Extension Bulletin.

Mallory, E., Jackson, T., and **Forstadt, L.** *Assessing the impacts of the Beginning Farmer Resource Network*. (Poster) 2018. SARE Our Farms, Our Future Conference. April 3-5, St. Louis, MO.

Chavis G, Bryant A, Mosby C, **Lichtenwalner AB**. The Eastern Coyote: Missing Link? Proceedings of the American Association of Veterinary Laboratory Diagnosticians. San Diego, CA; October 12-18, 2017.

Lichtenwalner AB, Bryant A, Kantar L. Thyroid Activity and Survival in Maine Moose. Proceedings of the American Association of Veterinary Laboratory Diagnosticians. San Diego, CA; October 12-18, 2017.

Lichtenwalner AB, Bryant A, Kantar L. Thyroid Activity and Survival in Maine Moose. North American Moose Meeting, Cape Breton Island, Nova Scotia, August 28-September 1, 2017.

Lichtenwalner AB, Bryant A, Kantar L. Maine Moose Hematologic and Mineral Values, 2014-2015. Proceedings of the 65th Annual International Conference of the Wildlife Disease Association. Cortland, NY; July 31-August 5, 2016.

Ellis J, Cottrell W, Robinson N, Frasca S, Burns R, Schuler K, Sidor I, **Lichtenwalner A**, Leone A, Swist S, Patil A, Murphy L. The Northeast Wildlife Disease Cooperative. Proceedings of the 65th Annual International Conference of the Wildlife Disease Association. Cortland, NY; July 31-August 5, 2016.

Spivack KJ, Dickey ID, Weber JA, Caddell A, **Lichtenwalner AB** and Neivandt DJ (2016). Highly porous transcutaneous implants of varying material and pore geometry promote healing and in growth of skin after surgical implantation into rabbits. Front. Bioeng. Biotechnol. Conference Abstract: 10th World Biomaterials Congress. doi: 10.3389/conf.FBIOE.2016.01.02258

Bouchard E, Bryant A, Chavis G, Jenkins E, Lair S, Leighton P, **Lichtenwalner A**, Schurer J, Revell S. Emergence of Echinococcus spp. in North America. World Association for the Advancement of Veterinary Parasitology, 26th Annual Conference, Kuala Lumpur, Malaysia. 2017.

Extension Publications

Lichtenwalner AB. Bulletin 2114: Coliform Salpingitis in Poultry. 2017.

Lichtenwalner AB. Bulletin 2113: Pecking and Cannibalism By Hens: How to Stop It? 2017

Brzozowski R, Lichtenwalner AB, Weber J. Bulletin 1049: When to Call the Veterinarian: Tips for Producers of Small Ruminants in Maine. 2016.

Lobley, J. & Ouellette K. (2017) Using video conferencing for authentic online learning for volunteers. *Journal of Extension* [On-line] 55 (5). Available at <https://www.joe.org/joe/2017oct0ber/tt8.php>

Wilson, L., Lobley, J., & Kranich, G. (in press) Follow a researcher- Using innovative technology to connect youth and scientists. *Journal of Extension- Special Edition on Innovation*.

Roche, E., E. Mallory, T. Molloy, and R. Kersbergen. 2017. Evaluating organic bread wheat as a rotation crop for organic dairy farms. *Renewable Agriculture and Farm Systems* pp. 1–16. Published online February 20, 2017. DOI: 10.1017/S1742170517000035.

Roche, E., E. Mallory, and H. Darby. 2017. Evaluating split nitrogen applications and in-season tests for organic winter bread wheat. *Organic Farming* 3(1):3-15. DOI: 10.12924/of2017.03010003.

Mallory, E., T. Jackson, and **L. Forstadt**. 2018. Lasting impacts of a 2012 beginning farmer professional development project in Maine. In Abstracts. 2018 SARE and NCAT/ATTRA Our Farms, Our Future Conference, April 3-5, 2018, St. Louis, Missouri. Poster presentation.

Birthisel, S., **E. Mallory**, and **E. Roche**. 2018. Farming in a new weather reality: Farmer stories from Maine. In Abstracts. Northeast Climate Hub 2018 Partners Meeting: Building Agricultural Resiliency through Adaptation. March 14-15, New Brunswick, New Jersey.

Freedman, Emily A., **James C. McConnon, Jr.**, Gary L. Hunt and Todd M. Gabe. 2017. "An Analysis of the Economic Impacts of Big-Box Stores on a Community's Retail Sector: Evidence from Maine." *Journal of Regional Analysis and Policy*, Volume 46, Number 2: 138-153. Available at: <http://www.jrap-journal.org/>.

Gabe, Todd, Dominic Gayton, Patrick Robinson, **James C. McConnon Jr.**, and Sean Larkin. 2017. "Economic Impact of Cruise Ship Passengers Visiting Bar Harbor (Maine) in 2016." School of Economics Staff Paper No. 629, University of Maine, Orono, Maine. 32pp.

Gabe, Todd and **James C. McConnon, Jr.** 2016. "Economic Contribution of Maine's Aquaculture Industry." School of Economics Staff Paper No. 623, University of Maine, Orono, Maine. 4pp.

Moran, R., and **G. Koehler**, Growing Fruit Trees in Maine. Revised in 2017. Bulletin #2422. <https://extension.umaine.edu/fruit/growing-fruit-trees-in-maine/>

Moran, R. Plum Production in Maine. Bulletin #2034. <https://extension.umaine.edu/publications/2034e/>. July 2017.

Peronto, M.L. 2017. Advanced Training in Woody Landscape Plants. National Association of County Agricultural Agents Proceedings: 102nd Annual Meeting and Professional Improvement Conference,

Salt Lake City, UT. July, 2017. Presentation abstract available at <https://www.nacaa.com/ampic/2017/2017%20Proceedings%20LR.pdf> (p. 177).

Peronto, M.L. 2017. Advanced Training in Pruning Woody Landscape Plants. National Association of County Agricultural Agents Proceedings: 102nd Annual Meeting and Professional Improvement Conference, Salt Lake City, UT. July, 2017. Presentation abstract available at <https://www.nacaa.com/ampic/2017/2017%20Proceedings%20LR.pdf> p. 177.

Savoie K, Turcotte E. (2017). *Building Future Food Trade Professionals Impact of Local Food Systems through Experiential Education*. Journal of Nutrition Education and Behavior, Volume 49 Number 7S1, July August 2017.

Savoie K. (2017). *Thrifty Meal Plan Survivor Challenge: A Powerful Simulation for Nutrition Interns*. Journal of Nutrition Education and Behavior, Volume 49 Number 7S1, July August 2017.

Savoie K, Turcotte E. (2017). *Building Future Food Trade Professionals Impact of Local Food Systems through Experiential Education*. Poster presented at SNEB Annual Conference, Honor the Past, Embrace the Present, Define the Future, Washington, DC.

Savoie K. (2017). *Thrifty Meal Plan Survivor Challenge: A Powerful Simulation for Nutrition Interns*. Poster presented at SNEB Annual Conference, Honor the Past, Embrace the Present, Define the Future, Washington, DC.

Savoie K., McCarty K. (2017). *Master Food Preservers and Home Food Preservation Education*. Poster presented at National Extension Conference on Volunteerism, Asheville, NC.

Stancioff, E. Maine Policy Review Journal Article December 2017--
<http://digitalcommons.library.umaine.edu/mpr/>

Stancioff, E. Signs of the Seasons: A New England Phenology Program. National Citizen Science Conference, May 18- 19. St. Paul, Minnesota.

Yarborough, D., Drummond, F., Annis, S. and D'Appollonio, J. 2017. Maine Wild blueberry systems analysis. *Acta Horticulturae* 1180:151-160. ISHS 2017. DOI:
<https://doi.org/10.17660/ActaHortic.2017.1180.21>

Chen, X., **Yarborough, D.**, and D'Appollonio, J. 2017. Wild blueberry systems approach economic and risk analysis. *Acta Horticulturae* 1180:143-150. ISHS 2017. DOI:
<https://doi.org/10.17660/ActaHortic.2017.1180.20>

Wu, V.C.H., **Drummond, F.A.**, Tadeipalli, S., Camire, M.E., Davis-Dentici, K., Bushway, A. and **Yarborough, D.E.** 2017. *Salmonella spp.* dynamics in wild blueberry, *Vaccinium angustifolium* Aiton. *World Microbiol.* 4(1): 64-71. <file:///C:/Users/Dave/Downloads/Salmonella%20spp.%20dynamics%20in%20wild%20blueberry%20Vaccinium%20angustifolium%20Aiton.pdf>

Yarborough, D.E. and . D'Appollonio. 2017. Preemergence and postemergence applications of sulfentrazone and carfentrazone for weed control in wild blueberry (*Vaccinium angustifolium*) fields. *Proceedings of the Northeastern Plant Pest and Soils Conference*. 2:113.

Yarborough, D.E. and J. D'Appollonio 2017. Comparisons of single versus split postemergence mesotrione applications for spreading dogbane control in wild blueberry fields. *Proceedings of the Northeastern Plant Pest and Soils Conference*. 2:113 .

Yerxa K., Peronto M, Eat Well Volunteers Program Takes Feeding the Hungry to a New Level. *Journal of the National Association of County Agricultural Agents*. 2016;9(1). Available at: <http://www.nacaa.com/journal/>.

Auld G, Baker D, Infante N, Inglis-Widrick R, Procter SB, Steger MF, **Yerxa K.** EFNEP's Impact on Exemplary Educator's Quality of Life. *J Nutr Educ Behav*. 2016; 48: 647-654.

Noteworthy Invited Presentations

Bali, S., L.K. Sharma, and J. Dwyer. Effect of fly ash on agriculture production as soil amendments. ASA-CSSA-SSSA, Tampa, FL (Poster). 2017.

Bali, S., L.K. Sharma, and J. Dwyer. Sulfur deficiency detection and yield prediction using optical sensors. Potato Remote sensing conference, Madison, WI (Poster). 2017

Sharma, L.K., S. Bali, and J. Dwyer. Study of Improving Yield Prediction and Sulfur Deficiency Detection Using Optical Sensors. ASA-CSSA-SSSA, Tampa, FL (Oral). 2017.

Sharma, L.K., S. Bali, A.A. Zaeen and J. Dwyer. Potential Reasons of Increased New England States Phosphorus Pollution: A Review. ASA-CSSA-SSSA, Tampa, FL (Poster). 2017.

Sharma, L.K., S. Bali, A.A. Zaeen and J. Dwyer. Evaluate Different N Fertilizers to Improve Nitrogen Use Efficiency, Yield, and Quality of Potato Cultivation Under Rainfed and Irrigated Fields. ASA-CSSA-SSSA, Tampa, FL (Oral). 2017.

Bali, S., Economic benefit of using precision agriculture tools. Soil and Agronomy Workshop, Presque Isle, Maine, USA. 2017.

Bali, S., Technology used in Precision Agriculture. Potato Conference at Caribou from UMaine Cooperative Extension, Maine, USA. 2017.

Bali, S., 2016. Integrating Precision Agriculture into Pest Management. Potato Pest Management Conference at Presque Isle Convention Center.

Bali, S., 2017. Nurse crop benefits and its implications. Farm Field Day at MSAD #1 Presque Isle, Maine.

Bali, S., 2017. Corn fertility and split treatment trial. Farm Field Day at MSAD #1 Presque Isle, Maine.

Drummond, F.A. Historical development of the wild blueberry industry in Maine. Non-Timber Forest Products and Bioeconomy Conference, Rovaniemi, Finland, 11/28/17. Invited Keynote Speaker.

Du Clos, B., C. Loftin, and **F.A. Drummond.** Improving parameterization of a predictive wild bee abundance model in a complex landscape. Entomological Society of America Ann. Meeting, Denver, CO, 11/4/17.

Drummond, F.A. Common St. John's Wort: an invasive plant in Maine wild blueberry production and its potential for indirectly supporting ecosystem services. 2017 Wild blueberry research and extension workers conference, Bar Harbor, ME, 10/25/17.

Cunha, Souza, A.E., **F.A. Drummond,** and N. Emanetoglu. Evaluating a Doppler Radar Based Activity Monitor for Assessing Bee Colony Health. NSF REU Sensors Conference, Univ. Maine, Orono, ME, 8/10/17.

Du Clos, B., C. Loftin, and **F.A. Drummond.** Wild bee communities in non-crop land cover in the Maine (USA) wild blueberry landscape. Ecological Society of America. Ann. Meeting, Portland, OR, 8/10/17.

Nuri W. Emanetoglu, Berkay Payal, Herbert M. Aumann, Jennifer Lund, **Francis Drummond.** Honeybee colony activity monitor using radar principles. NABEC Ann. Meeting, Boston, MA, 8/2/17.

Hopkins, K. "Fungal Contamination in Maple Syrup and Canning Protocols" New Brunswick Maple Syrup Producers Association Annual Meeting Fredericton, New Brunswick. (January 27, 2017)

Jackson, T., Find your "best fit" for Farm Business Planning & Training. BFRN Workshop at the Maine Agricultural Trades Show. Augusta, ME. 2018.

Jackson, T., Compelling Conversations for Land Owners and Land Seekers. Maine Farmland Trust's Land Access Conference. Augusta, ME. 2017.

Jackson, T., Social Media Marketing. United Farmer Veterans and ATTRA present Armed to Farm. Bangor, ME. 2017.

Jackson, T., Assessing Your Resources. NxLevel Tilling the Soil of Opportunity. Maine Department of Agriculture, Conservation and Forestry. Kennebec Valley Community College. Hinckley, ME. 2017.

Jackson, T., Enterprise Budgeting. Wolfe's Neck Center for Center for Agriculture & the Environment Teen Ag Program. Freeport, ME 2017.

Kersbergen, R., Cover crop/Forage management in dairy and potato rotations 2017. Prince Edward Island Soil and Crop Improvement Association, Canada. 2017.

Kersbergen, R., Improving pasture management in a changing climate 2017. Prince Edward Island Soil and Crop Improvement Association, Canada. 2017.

Kersbergen, R., Dairy Grazing Apprenticeship Program. Vermont Grazing and Livestock Conference. Fairlee, Vt. 2017.

Kersbergen, R., 50 Ways to renovate a hayfield. In-Service Training for Agricultural Service Providers. Portsmouth, NH. 2017.

Kersbergen, R., The value of corn silage in your rotations. Green Mountain School Dairy Program. St. Johnsbury, Vt. 2017.

Kersbergen, R., The lost art of crop rotation. UMass Dairy and Livestock Conference. Westborough, MA. 2017.

Kersbergen, R., Livestock nutrition and the organic dairy farm. Keynote Speaker, Vermont Organic Dairy Conference, Randolph, Vt. 2017.

Kersbergen, R., Forage research and forage quality impacts on dairy production. New England Animal Agriculture In-Service Training. Troy, NH. 2017.

Kersbergen, R., Hybrid corn maturity and feed quality: A review. (Kersbergen and Fitzgerald). In-Service Training for Agricultural Service Providers. Portsmouth, NH. 2018.

Kersbergen, R., Dairy Grazing Apprenticeship. In-Service Training for Agricultural Service Providers. Portsmouth, NH.

Kersbergen, R., Animal nutrition 101. Granite State Graziers Conference. Concord, NH. 2018

Kersbergen, R., Understanding forage analysis. Granite State Graziers Conference. Concord, NH. 2018.

Kersbergen, R., Understanding the importance of fiber digestibility. UMass Dairy and Livestock Conference. So. Deerfield, MA. 2018.

Kersbergen, R., Animal rations using local grains. Annual Vermont Grain Growers Conference. Essex, Vt. 2018.

Kersbergen, R., Choosing the right corn silage hybrid for yield and quality. Fine Tuning Your Crop and Forage Program, UVM Extension. Bradford, Vt. 2018.

Kersbergen, R., Managing weeds in a changing climate. Maine Agricultural Trades Show. Augusta. 2017..

Kersbergen, R., Is Corn silage the only annual you should grow? Maine Agricultural Trades Show, Augusta. 2017.

Kersbergen, R., No-till forage production-what's working and what needs more work. Maine Agricultural Trades Show. Augusta. 2017.

Kersbergen, R., Manure management in no-till systems. Maine Agricultural Trades Show. Augusta. 2017.

Kersbergen, R., Dairy farm labor and the Dairy Grazing Apprenticeship program. Maine Agricultural Trades Show. Augusta. 2017.

Kersbergen, R., Corn silage and cover crops. Precision Agriculture Conference. Waterville. 2017.

Kersbergen, R., Weeds and weed control. Maine State Prison, Warren. 2017.

Kersbergen, R., Understanding farmland value and Cooperative Extension. Maine Real Estate Professionals Training. Belfast. 2017.

Kersbergen, R., Herbicide decisions when switching to no-till corn. Farm Bureau Annual Meeting. Auburn. 2017.

Kersbergen, R., Keeping the milk flowing. Maine Farmland Trust Farmland Access Conference. Augusta. 2017.

Kersbergen, R., No-till and cover crops. The good, the bad and the ugly. Maine Soil Health Conference. Waterville. 2017.

Kersbergen, R., Dairy Grazing Apprenticeship program. Maine Agricultural Trades Show. Augusta. 2017.

Kersbergen, R., Hayfield renovation. Maine Grass Farmers Network. Maine Agricultural Trades Show, Augusta. 2018.

Kersbergen, R., Practices, planning and political economy of the dairy industry in the northeast. Colby College, Waterville. 2018.

Kersbergen, R., What are you going to do differently? Organic Valley producers meeting, Waterville. 2018.

Kersbergen, R., Cover crops and crop rotations. Maine State Prison, Warren. 2018

Kersbergen, R., Utilizing local grains in animal rations. Maine Grazing Conference (Webinar). 2018

Lichtenwalner AB, Bryant A, Kantar L. Thyroid Activity and Survival in Maine Moose. American Association of Veterinary Laboratory Diagnosticians. San Diego, CA; October 12-18, 2017.

Lichtenwalner AB, Bryant A, Kantar L. Thyroid Activity and Survival in Maine Moose. North

American Moose Meeting, Cape Breton Island, Nova Scotia, August 28-September 1, 2017.

Lichtenwalner, AB. University of Maine Animal Health Lab Update. UMCE Cattlemen's Conference, Orono ME.; Nov. 18, 2017.

Lichtenwalner, AB; Adhikari, N; Pereira C. Bedding and Mastitis Pathogens (Particularly Prototheca). Maine Agricultural Trade Show, Augusta ME.; Jan. 10, 2017.

Lichtenwalner, AB. "Feel the Keel": Keeping Poultry Productive. Common Ground Country Fair 2017. Unity, ME; Sept. 23, 2017.

Machado, R.; Lichtenwalner, AB. But is it safe to eat? Common Ground Country Fair 2017. Unity, ME; Sept. 23, 2017.

Lichtenwalner, AB. University of Maine Animal Health Lab Update. MECHAP Fall Meeting. Waterville, ME.; Nov. 8, 2017.

Lichtenwalner, AB. Poultry Health: Parasites and Common Poultry Pitfalls. Maine Poultry Growers Association Workshop, Fairfield, ME.; Oct. 21, 2017.

Lichtenwalner, AB. Poultry Health: What You Already Know (But Why Not Review?) and "Real" Poultry Pitfalls. New England Veterinary Medical Association Annual Meeting, Portland ME.; Sept. 15, 2017.

Lichtenwalner, AB. Dr. Cluck: What Does This Look Like In Practice? New England Veterinary Medical Association Annual Meeting, Portland ME.; Sept. 15, 2017.

Lobley, J., Role Descriptions: A Starting Point for Successful Volunteer Management at the CYFAR 2018 conference in Alexandria, VA. June 12, 2018.

Lobley, J., Volunteer Recruitment: It's Not So Bad...Really at the CYFAR 2018 conference in Alexandria, VA. June 12, 2018.

Mallory, E. Cereal production in northern New England: Adding value and managing fertility. Transatlantic Workshop on Conservation and Organic Agriculture, John Innes Centre, Norwich, England. January 31, 2018.

Mallory, E. Successful strategies for motivating action from project participants. Cross-Regional State Coordinator Gathering, 2018 SARE and NCAT/ATTRA Our Farms, Our Future Conference, St. Louis, Missouri. April 2, 2018.

Birthisel², S., **E. Mallory**, and **E. Roche**. Farming in a new weather reality: Farmer stories from Maine. Northeast Climate 2018 Hub Partners Meeting: Building Agricultural Resiliency through Adaptation. New Brunswick, New Jersey. March 14-15, 2018.

Mallory, E. Can we do better than Aroostook and Newdale? Rye and barley variety trial results. New England Agricultural Service Providers In-Service Training, Portsmouth, New Hampshire. January 24-25, 2018.

Mallory, E. Considering malt barley as a potential high value crop. Maine Potato Conference. Caribou, Maine January 17-18, 2018.

Mallory, E. and E. Sideman. Improving soil organic matter: Understanding qualities, benefits, and strategies. Farmer to Farmer Conference, Maine Organic Farmers and Gardeners Association, Northport, Maine November 5, 2017.

Mallory, E. Soil health in Aroostook County. Aroostook County Tour, Maine Organic Farmers and Gardeners Association, Caribou., Maine. June 15, 2017.

Mallory, E. Promising barley varieties for new craft malting markets. Maine Malt Workshop and Field Day, Stillwater, Maine. July 25, 2017.

McConnon, James C. Jr., and Todd Gabe. "Assessing the Economic Impact of Cruise Ship Passengers Visiting Destination Markets: The Case of Bar Harbor, Maine." The National Extension Tourism Conference, Princeton, New Jersey. August, 2017.

Peronto, M., Four-part Advanced Training in Pruning Woody Landscape Plants course at the 102nd Annual Meeting and Professional Improvement Conference of the National Association of County Agricultural Agents in Salt Lake City, UT. July, 2017.

Savoie K. UMaine Cooperative Extension's Master Food Preserver Program: A Decade of Success!, National Extension Association of Family and Consumer Sciences Annual Session, Harvesting Opportunities in NEAFCS, Omaha, NE. (10/2017).

Allen, S., Brasili A., Byrd, S., Chick, P., **Ouellette, K., & Lobley J.** Adapting video-based reflections to afterschool settings. NARST Annual International Conference, Atlanta, GA. (2018).

Ouellette, K., Mason, M. & **Personette, L.** Maine 4-H Community Central: Working with underserved youth in their communities. National Association of 4-H Agents Conference, Indianapolis, IN. (2017).

Lobley, J & Ouellette, K. Totally Virtual! Transforming Hands-On Learning Experiences, National Conference on Volunteerism, Asheville, NC. (2017).

Wilson, L., Kranich, G. Follow a Researcher® at the National Alliance for Broader Impacts 2018 Summit. 2018 (<https://broaderimpacts.net/summit-2018/>).

Yarborough, D. Wild Blueberry Production and IPM Practices. Legislative Tour, Machias and Jonesboro, ME, August 24-25, 2017.

Yarborough, D. Wild Blueberry Production. USDA American Marketing Service Tour, Jonesboro, ME, September 25, 2017.

Yarborough, D. Blueberry Crop Trends 1996 -2017. Annual Meeting of the Wild Blueberry Producers Association of Nova Scotia, Truro, NS, November 17-18, 2017.

Yarborough, D. Smart Farming Opportunities for Wild Blueberries in North America. International Smart Farming Seminar, Dalhousie University, Truro, NS, March 15-16, 2018.

Yarborough, D., Comparisons of single versus split postemergence mesotrione applications for spreading dogbane control in wild blueberry fields, Proceedings of The Northeastern, Plant, Pest, and Soils Conference. Philadelphia, PA; January 3-6, 2017.

Yarborough, D., Preemergence and postemergence applications of sulfentrazone and carfentrazone for weed control in wild blueberry (*Vaccinium angustifolium*) fields, Proceedings of The Northeastern, Plant, Pest, and Soils Conference. Philadelphia, PA; January 3-6, 2017.

Yarborough, D., Wild Blueberry Pest Management Update, Augusta Agricultural Trade Show, Augusta, ME, January 12, 2017.

Yarborough, D., World Production Numbers. PEI Wild Blueberry Growers Association Marketing and Production Workshop, Charlottetown, PEI. January 18, 2017.

Yarborough, D., Analyse comparative des différentes régies de production au Maine. Journée de Information Bleuets. Dolbeau-Mistassini, Quebec. March 15, 2017.

Yarborough, D., L'effet des changements climatiques sur le bleuets sauvage. Journée de Information Bleuets. Dolbeau-Mistassini, Quebec. March 15, 2017.

Yarborough, D., World Blueberry Production Numbers: Today/Tomorrow and Weed and Fertilizer Management Strategies for Reduced Inputs, Wild Blueberry Spring Meeting, Ellsworth, Waldoboro, Machias, March 22, 24, 26 2017.

Yarborough, D., World Crop & Market Outlook and The effects of climate change on Wild Blueberries. Bleuets New Brunswick Blueberry Annual General Meeting, St. Andrews New Brunswick. March 31, and April 1, 2017

Yarborough, D., Maine Wild Blueberry Systems Analysis, PEI Blueberry Information Day & Annual General Meeting of the PEI Wild Blueberry Growers' Association. Charlottetown, PEI. April 4, 2017.

Yarborough, D., Maine's Wild Blueberry Industry, Acadia Senior College, College of the Atlantic, Bar Harbor, ME July 12, 2017.

Yarborough, D., Maine Wild Blueberry Crop. Wild Blueberry Producers of Nova Scotia Summer Meeting, Collingwood, NS, July 15, 2017.

