

Projects:

RESEARCH:

Light Environment Management of Tropical Crops.

"Bend me, shape me – Light enhancing crop growth". American Society for Horticultural Science Conference.
< <http://horttalks.ashs.org/detail.lasso?id=9316> >.

EXTENSION:

Communication, Education and Information Delivery in Extension.

"Are there Horticulture-related Mobile Applications for Me?". American Society for Horticultural Science Conference.

< <http://horttalks.ashs.org/detail.lasso?id=9772> >.

"E-Media". PEPS 691 Extension and Adoption.

< http://abstracts.ashs.org/2014/abs/abs_14_19473.html#player >. University of Hawaii at Manoa.

Websites

- Horticulture Applications (Apps) for Windows Mobile Devices.
< <https://sites.google.com/a/hawaii.edu/windows-hort-apps/home> >.
- Horticulture Applications (Apps) for Android Mobile Devices.
< <https://sites.google.com/a/hawaii.edu/android-hort-apps/> >
Virtual Field Trips and Enhanced Student Learning.
< <http://twominuteteachingtips.weebly.com> >.
- Micro-hydroponics.
< <http://microhydroponics.weebly.com> >.
- Farmer's Bookshelf - Information on Tropical Crop Production in Hawaii.
< <http://www.ctahr.hawaii.edu/fb/> >.
- Horticulture Applications (Apps) for iOS Mobile Devices.
< <https://sites.google.com/a/hawaii.edu/hort-apps/> >.
- Orchid Care for the Novice—An Orchid's Perspective.
< <http://www.ctahr.hawaii.edu/kobayashik/Orchids.html> >.
- Growing Plants Indoors under Supplemental Lighting.
< <http://www.ctahr.hawaii.edu/kobayashik/supplemental.html> >.
- Rooftop Learning Center
< <https://sites.google.com/site/stjohnrooftoplearningcenter/> >.
- Benefits of Plants in Your Dormitory, Home, and Office.
< <http://www.ctahr.hawaii.edu/uhtmlplants/home.htm> >.
- Making Your Own Terrariums.
< <http://www.ctahr.hawaii.edu/fb/Terrarium.html> >.
- Building Your Own Indoor Tabletop Fountain.
< <http://www.ctahr.hawaii.edu/kobayashik/H2OFount.html> >.
- Simple Flowering Arranging.
< <http://www.ctahr.hawaii.edu/kobayashik/Flowerarr.html> >.
- Running Effective Meetings.
< <http://www.ctahr.hawaii.edu/kobayashik/Meetings.html> >.
- E-mail Etiquette.
< <http://www.ctahr.hawaii.edu/kobayashik/emaileti.html> >.

- Webmaster for the extension publication series "Landscape, Floriculture, and Ornamentals News." < <http://www.ctahr.hawaii.edu/TPSS/digest/lfon.html> >.
- Webmaster for the extension publication series "Horticulture Digest." < <http://www.ctahr.hawaii.edu/TPSS/digest/index4.html> >.

TEACHING:

Courses Taught:

- TPSS 601 *Crop Modeling*. < <http://manoa.hawaii.edu/ctahr/tpss/current-students/course?id=601> >.
- TPSS 674 *Plant Growth and Development* (team taught). < <http://manoa.hawaii.edu/ctahr/tpss/current-students/course?id=674> >.
- TPSS 654 *Communications in the Sciences*. < <http://manoa.hawaii.edu/ctahr/tpss/current-students/course?id=654> >.
- TPSS 300 *Tropical Production Systems*. < <http://manoa.hawaii.edu/ctahr/tpss/current-students/course?id=300> >.

"Virtual Field Trips and Enhance Student Learning". American Society for Horticultural Science Conference. Co-author Kauahi Perez. < <https://www.evernote.com/pub/pcplants/two-minuteteachingtips> >.

"Enhancing Tropical Plant & Soil Sciences Instruction with Mobile Devices". American Society for Horticultural Science Conference. Co-author Theodore Radovich. < <http://horttalks.ashs.org/detail.lasso?id=15063> >.

"Are there Horticulture-related Mobile Applications for Me?". American Society for Horticultural Science Conference. < <http://horttalks.ashs.org/detail.lasso?id=9772> >.

"Using Computer Simulation Software to Enhance Student Learning." American Society for Horticultural Science Conference. < http://archives.ashs.org/index.php?option=com_content&view=article&id=132:using-computer-simulation-software-to-enhance-student-learning&catid=65:horteducator-interviews&Itemid=147 >.

Professional Interests:

RESEARCH:

- Photobiology and photomorphogenesis of tropical crops.
- Hydroponic production of vegetable crops.
- Modeling growth, phenology, and yield of tropical crops.

GENERAL:

- LEDs (light-emitting diodes), light-emitting plasma lights for plant growth and development.
- iPhone/iPad applications in agriculture.
- Computer applications in horticulture.
- Agricultural technology—QR codes, augmented reality, virtual reality, robotics, space farming, green roofs, vertical farming, urban agriculture.

Mentor, Hawaii Space Grant Consortium.

< <http://www.spacegrant.hawaii.edu/prospectiveMentors.html> >.

Mentor, Girl Scouts of Hawaii International Space Station Project.

< <http://girlscouts-hawaii.org/programs-on-demand/stem-2/the-international-space-station-project/> >.

< <http://vimeo.com/56942683> >.

ACADEMIC:

- Technology in education.

Publications:

PUBLICATIONS:

- Kobayashi, K.D. 2015. Class assignments modeled after graduate student competitions at a national horticultural conference. 2015 Hawaii International Conference on Education-Conference Proceedings, p. 2292-2299.
- Kobayashi, K.D. and K. Perez. 2015. A scientific poster is not a scientific article! 2015 Hawaii International Conference on Education-Conference Proceedings, p. 1520-1530.
- Kobayashi, K. 2014. Workshops and colloquia: Integral parts of ASHS conferences. ASHS Newsletter 30(11):1,4.
- Kobayashi, K.D. 2014. Mobile devices and apps for extension education. 2014 Hawaii International Conference on Education-Conference Proceedings, p. 1495-1501.
- Kobayashi, K.D. and T.D. Amore. 2014. Using the flipped classroom to teach flower/foilage production, plant growth/development, and crop modeling courses. 2014 Hawaii International Conference on Education-Conference Proceedings, p. 2776-2789.
- Kobayashi, K.D. 2013. Are there horticulture-related mobile applications for me? HortTechnology 23:399-401.
- Kobayashi, K., M. Lazaro, and T. Amore. 2013. Light-emitting diodes (LEDs) for miniature hydroponic lettuce. Optics and Photonics Journal 3(1):74-77.
- Kobayashi, K.D. 2013. Bend me, shape me – Light enhancing crop growth, p. 33-34. In: T. Rhodus (ed.), *Changing the Pace - Adopting a Pecha Kucha Approach to Presentations* [iBooks 3.0 or later]. Retrieved 1/28/2013 from <https://itunes.apple.com/us/book/changing-pace-adopting-pecha/id594201341?ls=1>.
- Kobayashi, K.D., J. Uyeda, and K. Perez. 2013. Rooftop learning center. 2013 Hawaii International Conference on Education-Conference Proceedings, p. 339-347.
- Kobayashi, K.D. 2012. Introduction—Nutrient and Water Management Practices for Improving Crop Growth, Yield, and Quality Workshop. HortTechnology 26(6):730.
- Radovich, T.J.K., A. Pant, I. Gurr, N.V. Hue, J. Sugano, B. Sipes, N. Arancon, C. Tamura, K. Fox, K.D. Kobayashi, and R. Paull. 2012. Innovative use of locally produced inputs to improve plant growth, crop quality, and grower profitability in Hawai'i. HortTechnology 22(6):738-742.
- Clifford, P. and K. Kobayashi. 2012. Naturalizing orchids and the Hawaii Pacific Weed Risk Assessment System. Cooperative Extension Service, College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa. Ornamentals and Flowers, OF-51, 5 p.
- Kobayashi, K., Bittenbender, H. & Campbell, I. (2012). The Farmer's Bookshelf enhances dissemination of agricultural, scientific, and technological information to clientele in Hawaii and beyond. In: Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2012(pp. 2918-2920). Chesapeake, VA: AACE.
- Kobayashi, K.D. 2012. Scientific communications for graduate students. 2012 Hawaii International Conference on Education-Conference Proceedings, p. 2668-2674.
- Kobayashi, K.D. and K. Perez. 2011. Graduate students—an untapped teaching resource for an undergraduate horticulture production systems course. 2011 Hawaii International Conference on Education-Conference Proceedings, p. 4343-4351.
- Clifford, P. and K. Kobayashi. 2010. Non-invasive fruit trees for gardens in Hawaii. Cooperative Extension Service, College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa. Fruit, Nut,

- and Beverage Crops, F_N-17, 10 p.
- Clifford, P. and K. Kobayashi. 2010. Non-invasive landscape plants with fragrant flowers. Cooperative Extension Service, College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa. Ornamentals and Flowers, OF-46, 9 p.
- Kobayashi, K.D., T.J.K. Radovich, and B.E. Moreno. 2010. A tropical perspective on environmental sustainability in horticultural education. *HortTechnology* 20(3):503-508.
- Kobayashi, K.D. and K. Perez. 2010. Could horticultural virtual field trips supplement actual field trips? 2010 Hawaii International Conference on Education-Conference Proceedings, p. 2934-2946.
- Kobayashi, K.D. 2009. Effects of photoselective shadecloth and plastic film on the growth of potted poinsettia. Proceedings 35th National Agricultural Plastics Congress, 5 p.
- Perez, K., K. Kobayashi, and G. Sako. 2009. Foxtail Palm, *Wodyetia bifurcata*. Cooperative Extension Service, College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa. Ornamentals and Flowers, OF-45, 4 p.
- Kobayashi, K., E. Mersino, A. Kawabata, J. Lichty, and J. Griffis. 2009. Sustainability in Ornamental Crop Production. CTAHR Research News. College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa. p. 21-22.
- Kobayashi, K.D. and K. Perez. 2009. Enhanced active learning and TA involvement in a production systems horticulture course. 2009 Hawaii International Conference on Education-Conference Proceedings, p. 738-748.
- Liu, L. and K.D. Kobayashi. 2008. Estimating leaf area of five cultivars of coffee plants in Hawaii. *Tropical Agriculture* 85(3):199-204.
- Kobayashi, K., R. Criley, A. Kaufman, S. Tsugawa, A. Ricordi, and P. Clifford. 2008. Barrier Plants. Cooperative Extension Service, College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa. Landscape, L-20, 9 p.
- Kobayashi, K.D. and E. F. Mersino. 2008. Photoselective shade cloths alter flowering of potted orchids. Proceedings 34th National Agricultural Plastics Congress, 6 p.
- Sadanaga, K. and K.D. Kobayashi. 2008. Kupukupu Fern. Cooperative Extension Service, College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa. Ornamentals and Flowers, OF-43, 3 p.
- Kobayashi, K.D. 2008. Enhancing graduate students' professional writing and oral communication skills. 2008 Hawaii International Conference on Education-Conference Proceedings, p. 2093-2100.
- Kawabata, A.F., J.S. Lichty, K.D. Kobayashi, and W.S. Sakai. 2007. Effects of photoselective shade cloths on potted (*Dracaena deremensis*) 'Janet Craig' and (*Dracaena marginata*) 'Colorama.' *Journal for Hawaiian and Pacific Agriculture* 14:49-54.
- Kobayashi, K.D., A.J. Kaufman, J. Griffis, and J. McConnell. 2007. Using houseplants to clean indoor air. Cooperative Extension Service, College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa. Ornamentals and Flowers, OF-39, 7 p.
- Kobayashi, K.D., J. McConnell, and J. Griffis. 2007. Bougainvillea. Cooperative Extension Service, College of Tropical Agriculture and Resources, University of Hawaii at Manoa. Ornamentals and Flowers, OF-38, 12 p.
- Kobayashi, K.D., J. McEwen, and A.J. Kaufman. 2007. Ornamental ginger, red and pink. Cooperative Extension Service, College of Tropical Agriculture and Resources, University of Hawaii at Manoa. Ornamentals and Flowers, OF-37, 8 p.
- Kobayashi, K., J. Griffis, A. Kawabata, and G. Sako. 2007. Hawaiian Ti. Cooperative Extension Service, College of Tropical Agriculture and Resources, University of Hawaii at Manoa. Ornamentals and Flowers, OF-33, 14 p.
- Kobayashi, K.D., A.F. Kawabata, J.S. Lichty, and W.S. Sakai. 2006. Growth and flowering of potted anthurium 'Lola' under photoselective shade cloths. Proceedings 33rd National Agricultural Plastics Congress, 5 p.
- Kobayashi, K.D. and A.J. Kaufman. 2006. Common Gardenia. Cooperative Extension Service, University of Hawaii at Manoa. Ornamentals and Flowers, OF-32, 7 p.
- Kobayashi, K.D. 2006. A writing course to develop scientific writing skills of graduate students in tropical agriculture. 2006 Hawaii International Conference on Education-Conference Proceedings, p. 3425-3434.
- Kobayashi, K.D. 2006. Use of computer simulation to enhance student learning of crop physiology. 2006 Hawaii International Conference on Education-Conference Proceedings, p. 3435-3443.

- Kobayashi, K.D. 2005. Enhancing student learning of computer application, high technology, and robotics in agriculture. 2005 Hawaii International Conference on Education-Conference Proceedings, p. 2307-2314.
- Kobayashi, K.D. and H. Perez. 2005. Professional development series: preparing graduate students for graduate school and beyond. 2005 Hawaii International Conference on Education-Conference Proceedings, p. 23-15-2321.
- Perez, H. and K.D. Kobayashi. 2004. Graduate student professional development: a case study. *HortTechnology* 14(4):625-627.
- Kobayashi, K.D. 2004. Effect of photoselective plastic film on the growth of chrysanthemums. 2004 Hawaii International Conference on Sciences-Conference Proceedings. p. 453-459.
- Loero, D.R. and K.D. Kobayashi. 2004. Estimating yield of coffee in Kona, Hawaii. 2004 Hawaii International Conference on Sciences-Conference Proceedings. p. 460-469.
- Kobayashi, K.D., D.L. Hensley, and H.C. Bittenbender. 2004. Selecting trees for landscaping using a hypermedia information system. 2004 Hawaii International Conference on Computer Sciences-Conference. p. 296-302.

PAPER PRESENTATIONS AND CONFERENCE ABSTRACTS:

- Kobayashi, K.D.* and T.D. Amore. 2015. Light Source Effects on Hydroponically Grown Compact 'Winter Density' Bibb Lettuce. 2015 American Society for Horticultural Science Annual Conference. August 4-7, 2015. New Orleans, LA.
- Kobayashi, K.D. 2015. Website Resources for Free iOS and Android Apps for Extension Personnel. 2015 American Society for Horticultural Science Annual Conference. August 4-7, 2015. New Orleans, LA.
- Kobayashi, K.D. 2015. TPSS 300—Evolving to Become a Flipped Class/BYOD Course. 2015 American Society for Horticultural Science Annual Conference. August 4-7, 2015. New Orleans, LA.
- Kobayashi, K.D. 2015. TPSS 300—Flipped classroom, bring your own device, and small group discussion. 2015 TechLogic@UH Conference. February 2-6, 2015. Honolulu, HI.
- Kobayashi, K.D. 2015. Class assignments modeled after graduate student competitions at a national horticultural conference. 2015 Hawaii International Conference on Education. January 5-8, 2015. Honolulu, HI.
- K. Perez* and Kobayashi, K.D. 2015. A scientific poster is not a scientific article! 2015 Hawaii International Conference on Education. January 5-8, 2015. Honolulu, HI.
- Kobayashi, K.D. and T.D. Amore. 2014. Light source effects on hydroponically-grown miniature 'Little Gem' lettuce. Invited poster display at the 2014 North American Western Region International Plant Propagators' Society Meeting. October 1-4, 2014. Abbotsford, British Columbia.
- Kobayashi, K.D. 2014. Iphone/iPad apps for extension. Invited poster display at the 2014 North American Western Region International Plant Propagators' Society Meeting. October 1-4, 2014. Abbotsford, British Columbia.
- Kobayashi, K.D.* and T.D. Amore. 2014. Light source effects on hydroponically grown miniature 'Pom Pom' lettuce. 2014 American Society for Horticultural Science Annual Conference. July 28-31, 2014. Orlando, FL. *HortScience* 49(9):S384.
- Kobayashi, K.D.* and T.D. Amore. 2014. Smart devices and apps help support research, extension, and teaching. 2014 American Society for Horticultural Science Annual Conference. July 28-31, 2014. Orlando, FL. *HortScience* 49(9):S325-S326.
- Kobayashi, K.D. 2014. Mobile devices and apps for extension education. 2014 Hawaii International Conference on Education. January 5-8, 2014. Honolulu, HI.
- Kobayashi, K.D.* and T.D. Amore. 2014. Using the flipped classroom to teach flower/foilage production, plant growth/development, and crop modeling courses. 2014 Hawaii International Conference on Education. January 5-8, 2014. Honolulu, HI.
- Kobayashi, K.D.* and T.D. Amore. 2013. Light source effects on hydroponically-grown miniature 'Little Gem' lettuce. 2013 American Society for Horticultural Science Annual Conference. July 22-25, 2013. Palm Desert, CA.
- Kobayashi, K.D. 2013. Iphone/iPad apps for extension. 2013 American Society for Horticultural Science

- Annual Conference. July 22-25, 2013. Palm Desert, CA.
- Kobayashi, K.D.* and K. Perez. 2013. Introducing the flipped classroom in several horticulture courses. 2013 American Society for Horticultural Science Annual Conference. July 22-25, 2013. Palm Desert, CA.
- Kobayashi, K.D.* and T.J.K. Radovich. 2013. Enhancing Tropical Plant and Soil Sciences (TPSS) instruction with mobile devices. 2013 American Society for Horticultural Science Annual Conference. July 22-25, 2013. Palm Desert, CA.
- Kobayashi, K.D.*, J. Uyeda, and K. Perez. 2013. Rooftop learning center. Hawaii International Conference on Education-Conference. January 6-9, 2013, Honolulu, HI.
- Kobayashi, K.D.* and M.K. Lazaro. 2012. Light-emitting diodes for miniature hydroponic lettuce. 2012 American Society for Horticultural Science Annual Conference. July 31-August 3, 2012. Miami, FL. HortTechnology 47(9)(Supplement):S411.
- Kobayashi, K.D. 2012. Bend me, shape me – Light enhancing crop growth. 2012 American Society for Horticultural Science Annual Conference. July 31-August 3, 2012. Miami, FL. HortTechnology 47(9)(Supplement):S106.
- Kobayashi, K.D. 2012. Are there horticulture-related mobile applications for me? 2012 American Society for Horticultural Science Annual Conference. July 31-August 3, 2012. Miami, FL. HortTechnology 47(9)(Supplement):S111.
- Kobayashi, K.D.* and K. Perez. 2012. Enhancing student learning with increased mathematics and quantitative analysis in two horticulture courses. 2012 American Society for Horticultural Science Annual Conference. July 31-August 3, 2012. Miami, FL. HortTechnology 47(9)(Supplement):S270.
- Gurr, I., T. Radovich, K. Kobayashi, R. Paull, and A. Ahmad*. 2012. Using Hawaii's locally produced organic material to improve quality of vegetable seedlings. 2012 American Society for Horticultural Science Annual Conference. July 31-August 3, 2012. Miami, FL. HortTechnology 47(9)(Supplement):S150.
- Kobayashi, K.D.*, H.C. Bittenbender, and I.S. Campbell. 2012. The Farmer's Bookshelf Enhances Dissemination of Agricultural, Scientific, and Technological Information to Clientele in Hawaii and Beyond. EdMedia 2012 – World Conference on Educational Media and Technology. June 26-29, 2012. Denver, CO. (gave virtual poster presentation).
- Kobayashi, K.D. 2012. Scientific communications for graduate students. 2012 Hawaii International Conference on Education-Conference. January 5-8, 2012, Honolulu, HI.
- Kobayashi, K.D.* and T.D. Amore. 2011. Use of light-emitting diodes in anthurium micropropagation. 2011 American Society for Horticultural Science Annual Conference. September 25-28, 2011. Waikoloa, HI. HortScience 46(9)(Supplement):S395-S396.
- Kobayashi, K.D.*, H.C. Bittenbender, and I.S. Campbell. 2011. The Farmer's Bookshelf today. 2011 American Society for Horticultural Science Annual Conference. September 25-28, 2011. Waikoloa, HI. HortScience 46(9)(Supplement):S376.
- Kobayashi, K.D.*, P-F Wu, and K. Perez. 2011. Evolution of a tropical production systems course. 2011 American Society for Horticultural Science Annual Conference. September 25-28, 2011. Waikoloa, HI. HortScience 46(9)(Supplement):S397.
- Perez, K.*, Kobayashi, K.D., and P-F Wu. 2011. Keeping up with the times: enhancement of topics in a tropical production systems course. 2011 American Society for Horticultural Science Annual Conference. September 25-28, 2011. Waikoloa, HI. HortScience 46(9)(Supplement):S397-S398.
- Kobayashi, K.D.* and K. Perez. 2011. Graduate students—an untapped teaching resource for an undergraduate horticulture production systems course. 2011 Hawaii International Conference on Education-Conference. January 4-7, 2011, Honolulu, HI.
- Kobayashi, K.D.* and T.D. Amore. 2010. Use of light-emitting diodes in anthurium and orchid micropropagation. 2010 American Society for Horticultural Science Annual Conference. August 2-5, 2010. Palm Desert, CA. HortScience 45(8)(Supplement):S194.
- Kobayashi, K.D.* and K. Perez. 2010. Utilizing graduate students' firsthand horticultural experience in an undergraduate production systems course. 2010 American Society for Horticultural Science Annual Conference. August 2-5, 2010. Palm Desert, CA. HortScience 45(8)(Supplement):S246.
- Kobayashi, K.D.* and K. Perez. 2010. Could horticultural virtual field trips supplement actual field trips? 2010 Hawaii International Conference on Education-Conference. January 7-10, 2010, Honolulu, HI.

- Kobayashi, K.D.* and J. Griffis. 2009. Use of light-emitting diodes in dracaena micropropagation. 2009 American Society for Horticultural Science Annual Conference. July 25-28, 2009. St. Louis, MO. HortScience 44(4):1105.
- Kobayashi, K.D. 2009. Nutrient management of potted dendrobium and oncidium orchids. 2009 American Society for Horticultural Science Annual Conference. July 25-28, 2009. St. Louis, MO. HortScience 44(4):1187.
- Kobayashi, K.D.* and K. Perez. 2009. Virtual field trips in a tropical production systems course. 2009 American Society for Horticultural Science Annual Conference. July 25-28, 2009. St. Louis, MO. HortScience 44(4):1138.
- Kobayashi, K.D. 2009. Effects of photo selective shade cloth and plastic film on the growth of potted poinsettia. Proceedings 35th National Agricultural Plastics Congress.
- Kobayashi, K.D.* and K. Perez. 2009. Enhanced active learning and TA involvement in a production systems horticulture course. 2009 Hawaii International Conference on Education. January 4-7, 2009, Honolulu, HI.
- Kobayashi, K.* and J.L. Griffis, Jr. 2008. Light-emitting diodes (LEDs) and their possible uses in micropropagation. Hawaii Agriculture Conference Ag 2008. September 4-5, 2008. Honolulu, HI. Ag 2008 Program, p. 19.
- Kobayashi, K.* , J. Griffis, A. Kawabata, and J. Lichty. 2008. Alternative potting media and reduced fertilization for impatiens. Hawaii Agriculture Conference Ag 2008. September 4-5, 2008. Honolulu, HI. Ag 2008 Program, p. 19.
- Kobayashi, K.D.* and E.F. Mersino. 2008. Photosensitive shade cloths influence flowering of Dendrobium orchids. 2008 American Society for Horticultural Science Annual Conference. July 21-24, 2008. Orlando, FL. HortScience 43(4):1262.
- Kobayashi, K.D.* , J.L. Griffis, Jr., A.F. Kawabata, and J.S. Lichty. 2008. Effects of alternative media and fertilizer level on potted impatiens. 2008 American Society for Horticultural Science Annual Conference. July 21-24, 2008. Orlando, FL. HortScience 43(4):1175-1176.
- Ortega, G., T.J.K. Radovich*, J.K. Leary, and K. Kobayashi. 2008. Greenhouse screening and field evaluation for weed tolerance in Brassica oleracea genotypes. 2008 American Society for Horticultural Science Annual Conference. July 21-24, 2008. Orlando, FL. HortScience 43(4):1226-1227.
- Perez, H.* , Hill, L.M., Criley, R., Baskin, C., Drake, D., Kobayashi, K., Maunder, M., Walters, C.T. 2008. Physiological aspects of seed development in a Hawaiian palm. 9th International Conference on Seed Biology. July 6-11, 2008. Olsztyn, Poland. pp. 135. Meeting Abstract.
- Kobayashi, K.D. 2008. Enhancing graduate students' professional writing and oral communication skills. 2008 Hawaii International Conference on Education. January 5-8, 2008. Honolulu, HI.
- Kobayashi, K.D. 2007. Effects of photosensitive shade cloths and plastic film on the growth and flowering of poinsettia and Easter lily. 2007 American Society for Horticultural Science Annual Conference. July 16-19, 2007. Scottsdale, AZ. HortScience 42(4):949.
- Kobayashi, K.D.* and E.F. Mersino. 2007. Effects of photosensitive shade cloths on flowering of potted Dendrobium Remy Hartmann orchids. 2007 American Society for Horticultural Science Annual Conference. July 16-19, 2007. Scottsdale, AZ. HortScience 42(4):949-950.
- Kobayashi, K.D.* and E.F. Mersino. 2006. Effects of photosensitive shade cloths on flowering of potted orchids. 2006 American Society for Horticultural Science Annual Conference. July 27-30, 2006. New Orleans, LA. HortScience 41(4):1066.
- Kobayashi, K.D.* , A.F. Kawabata, and J.S. Lichty. 2006. Effects of photosensitive shade cloths on potted Dracaena and Anthurium plants. 2006 American Society for Horticultural Science Annual Conference. July 27-30, 2006. New Orleans, LA. HortScience 41(4):1053-1054.
- Kobayashi, K.D.* , A.J. Kaufman, and A.A. Ohama. 2006. A website of horticulturally important plants on the University of Hawaii campus. 2006 American Society for Horticultural Science Annual Conference. July 27-30, 2006. New Orleans, LA. HortScience 41(4):1045.
- Kobayashi, K.D. 2006. A writing course to develop scientific writing skills of graduate students in tropical agriculture. 2006 Hawaii International Conference on Education. January 6-9, 2006. Honolulu, HI.
- Kobayashi, K.D. 2006. Use of computer simulation to enhance student learning of crop physiology. 2006 Hawaii International Conference on Education. January 6-9, 2006. Honolulu, HI.

- Kobayashi, K.D. 2005. Effects of photosensitive shade cloths on growth and development of orchids. Hawaii Orchid Growers Association Annual Conference. October 7-9, 2005. Hilo, HI.
- Kobayashi, K.D. 2005. Effects of photosensitive shade cloths on growth and flowering of potted chrysanthemum. 2005 American Society for Horticultural Sciences Annual Conference. HortScience 40(4):1012. July 18-21, 2005. Las Vegas, NV.
- Kobayashi, K.D.* and E.F. Mersino. 2005. Effects of photosensitive shade cloths on growth of potted orchids. 2005 American Society for Horticultural Sciences Annual Conference. HortScience 40(4):1014. July 18-21, 2005. Las Vegas, NV.
- Kobayashi, K.D. 2005. Enhancing professional development of graduate students through a scientific writing course. 2005 American Society for Horticultural Sciences Annual Conference. HortScience 40(4):1043. July 18-21, 2005. Las Vegas, NV.
- Kobayashi, K.D. 2005. Enhancing student learning of computer application, high technology, and robotics in agriculture. 2005 Hawaii International Conference on Education. January 4-7, 2005. Honolulu, HI.
- Kobayashi, K.D.* and H. Perez. 2005. Professional development series: preparing graduate students for graduate school and beyond. 2005 Hawaii International Conference on Education. January 4-7, 2005. Honolulu, HI.
- Kobayashi, K.D.*, H.C. Bittenbender, and I.S. Campbell. 2004. Farmer's Bookshelf information system: Evolving to meet the needs of stakeholders. 2004 Extension Conference. October 20, 2004. Honolulu, HI.
- Kobayashi, K.D. 2004. Height control of potted chrysanthemums with photosensitive plastic film and shade cloth. 2004 Extension Conference. October 20, 2004. Honolulu, HI.
- Kobayashi, K.D. 2004. Effect of photosensitive shade cloth and plastic film on growth of chrysanthemums under supplemental lighting. 101st Annual Conference of the American Society for Horticultural Science. HortScience 39(4):837. July 17-20, 2004. Austin, TX.
- Kobayashi, K.D. 2004. Enhancing students learning of high technology in horticulture. 101st Annual Conference of the American Society for Horticultural Science. HortScience 39(4):809. July 17-20, 2004. Austin, TX.
- Kobayashi, K.D. 2004. Effect of photosensitive plastic film on the growth of chrysanthemums. 2004 Hawaii International Conference on Sciences. January 15-18, 2004. Honolulu, HI.
- Loero, D.R. and K.D. Kobayashi*. 2004. Estimating yield of coffee in Kona, Hawaii. 2004 Hawaii International Conference on Sciences. January 15-18, 2004. Honolulu, HI.
- Kobayashi, K.D.*, D. Hensley, and H.C. Bittenbender. 2004. Selecting trees for landscaping using a hypermedia information system. 2004 Hawaii International Conference on Computer Sciences. January 15-18, 2004. Honolulu, HI.
- Kobayashi, K.D.*, H.C. Bittenbender, and I.S. Campbell. 2004. Farmers Bookshelf information system on crop production. American Farm Bureau Federation 85th Annual Meeting. 2004 Meet the Researchers, p. 14. January 10-14, 2004. Honolulu, HI.

Other Works:

- Invited speaker in the "*Five-Minute Impact Strategies for Engaging Students—Where to Start with Service-Learning and Fundraising?*" Workshop held at the 2015 American Society for Horticultural Science Conference, New Orleans, LA, 2015.
- Invited speaker in the "*Graduate Student Tool Kit*" Workshop held at the 2014 American Society for Horticultural Science Conference, Orlando, FL, 2014.
- Invited speaker in the "*Two-Minute Teaching Tips*" Workshop held at the 2014 American Society for Horticultural Science Conference, Orlando, FL, 2014.
- Coordinated and moderated the "*Technological Innovations in Smart Device and Computer Usage for Extension and Teaching*." Workshop to held at the 2014 American Society for Horticultural Science Conference, Orlando, FL, 2014. (Chair, ASHS Computer Applications in Horticulture Working Group).
- Co-coordinated and an invited speaker in the "*Teaching with Tablets and Apps*" Workshop to held at the 2013 American Society for Horticultural Science Conference, Palm Desert, CA, 2013.
- Invited speaker in the "*How to Get in (and Succeed in) Graduate School*" Workshop held at the 2013 American

Society for Horticultural Science, Palm Desert, CA, 2013.

Coordinated and an invited speaker in the "*I Have an App for That: Introduction to Mobile Applications and Development in Horticulture*" Workshop held at the 2012 American Society for Horticultural Science Conference, Miami, FL, 2012.

Invited speaker in the "*Changing the Pace – Adopting a Pechakucha Approach to Presentations*" Workshop held at the 2012 American Society for Horticultural Science Conference, Miami, FL, 2012.

Organized and moderated the "*Nutrient and Water Management Practices for Improving Crop Growth, Yield, and Quality*" Workshop held at the 2011 American Society for Horticultural Science Conference, Waikoloa, HI, 2011. (Chair, ASHS Plant Nutrient Management Working Group).

Organized and moderated the "*Innovative Applications of Computer in Horticulture*" Workshop held at the 2009 American Society for Horticultural Science Conference, St. Louis, MO, 2009. (Chair, ASHS Computer Applications in Horticulture Working Group).

Moderated and an invited speaker in the "*ASHS Primer: Getting the Most out of the Conference*" Workshop held at the American Society for Horticultural Science Conference, St. Louis, MO, 2009.

Organized and moderated the "*Current Innovative Computer Applications in Horticulture*" Workshop held at the American Society for Horticultural Science Conference, Orlando, FL, 2008. (Chair, ASHS Computer Applications in Horticulture Working Group).

Invited speaker in the "*ASHS Primer: Attending a Professional Conference*" Workshop held at the American Society for Horticultural Science Conference, Orlando, FL, 2008.

Organized and moderated the "*Current Innovative Uses of Mechanization in Horticulture*" workshop held at the American Society for Horticultural Science Conference, New Orleans, LA, 2006. (Chair, ASHS Production and Harvest Mechanization Working Group).

Organized and moderated the "*Current Innovative Computer Applications in Horticulture*" Workshop held at the American Society for Horticultural Science Conference, Las Vegas, NV, 2005. (Chair, ASHS Computer Applications in Horticulture Working Group).

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